

# Samford University

Catalog  
2009-2010  
Academic Year



Birmingham, Alabama U.S.A. 35229  
(205) 726-2011  
[www.samford.edu](http://www.samford.edu)

Samford University admits students of any race, color, gender, national or ethnic origin to all the rights, privileges, and activities generally accorded or made available to all its students. In accordance with Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, and Section 504 of the Rehabilitation Act of 1973, Samford does not discriminate on the basis of race, color, gender, age, disability, or national or ethnic origin in the administration of its educational policies, admissions policies, employment policies, scholarship and loan programs, athletic, and other school-administered programs. Inquiries concerning compliance with these laws, the regulations thereunder, or other published policies of the University should be directed to the Vice President and Dean of Students, Samford University, 800 Lakeshore Drive, Birmingham, Alabama 35229.

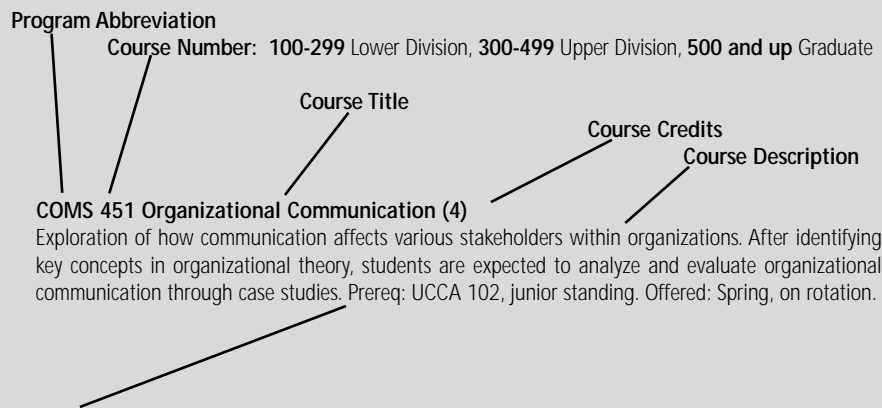
Colleges and Universities have specific requirements which must be met before a degree can be obtained. These requirements involve particular courses and curricula, residence on campus, and grade point averages. Advisors and deans are happy, upon request, to help students meet these requirements and to maintain accounts of their progress. A student's official record is available to him/her at any time during normal office hours in the Office of Student Records. The responsibility for meeting the requirements for a degree rests with the individual student. If all requirements are not completed, a degree cannot be awarded; therefore, it is important for the student to acquaint himself/herself with all University requirements and to make progress toward meeting them.

**Inclusive Language Statement**

Language—how it is used and what it implies—plays a crucial role in Samford University's mission to "nurture persons." Because verbal constructions create realities, inclusive language can uphold or affirm those whom we seek to nurture, while exclusive language can damage or defeat them. We, therefore, actively seek a discourse in our University community that supports the equal dignity and participation of men and women; we seek to avoid verbal constructions that diminish the equal dignity of all persons. It is an affirmative—and affirming—part of our mission to educate students, staff, and faculty in the creation of a community of equality and respect through language.

*Information contained in this catalog is accurate as of the date of publication. Samford University reserves the right, however, to make such changes in educational and financial policy—due notice being given—as the Samford Board of Trustees may deem consonant with sound academic and fiscal practice. The University further reserves the right to ask a student to withdraw at any time.*

**HOW TO READ THE COURSE LISTINGS**



**Co-listed courses, prerequisites, co-requisites, and specific course offering information at the end. Unless otherwise indicated, lecture and lab numbers indicate how many hours per week the class is devoted to lecture and laboratory work.**

All photographs in this catalog were provided by Samford University's Office of Communication, Photographic Services Team, unless otherwise indicated.

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# Academic Calendars and Critical Deadlines





*Students are expected to know regulations and policies found in this catalog and the Student Handbook. Keeping abreast of the school calendar, critical deadlines, and all University mail received in one's university mailbox and/or electronic mail is also the student's responsibility*

## ***Undergraduate Day and Evening Students; All Graduate Students\****

### **Semester System**

For full-time undergraduate and graduate students, Samford University operates on the semester (4-1-4) system, consisting of two four-month semesters, fall and spring, and a three-week term in January (see Jan Term below). The fall semester begins in late August and ends in mid-December. The spring semester begins in late January and ends in mid-May. A maximum of 18 credits may be taken during the semester without additional approval of an academic dean.

### **Jan Term\*\***

Samford University offers a short term consisting of three weeks in the month of January called Jan Term. The major intent of this interterm is to give the student a wider world view, a richer experience in integrating knowledge from a variety of specialties, and a deeper consciousness of the relevance of the student's studies to one's life and career. Some courses emphasize interdisciplinary cooperation, using teaching faculty, guest lecturers, and student research and participation. Others are intended to give the student an opportunity for intensive study and observation in a setting involving a potential career. Interterm opportunities include research in libraries or laboratories, contacts with visiting scholars, internships, externships, field trips, and other useful activities. A number of courses are offered at the Daniel House, Samford's London Study Centre. Regular courses are offered for those who wish to accelerate progress toward graduation or to make up for underload in earlier semesters. The maximum class load allowed in the Jan Term is two courses, not to exceed a total of five credits.

### **Summer Terms**

Summer term day classes are split into two five-week terms. A maximum of 16 credits can be taken during the summer terms, with a maximum of eight in each term.

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\*Except graduate nursing and environmental management students.

\*\*Jan Term courses are available only to undergraduate day students.

**JUNE 2009**

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**JULY 2009**

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**NOVEMBER 2009**

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# Calendar for Academic Year 2009-2010 for Undergraduate Day & Evening, and All Graduate Programs\*

(except Graduate Nursing & Environmental Management)

**Orientation & Connections Dates for Summer 2009**

June 8-9	New Student Orientation (Session 1)
June 15-16	New Student Orientation (Session 2)
June 22-23	New Student Orientation (Session 3)
August 10	Transfer Student Orientation
August 19-20	New Student Orientation (Session 4)
August 20-23	Connections

**Graduation Application Deadlines (Undergraduate Only)**

Students must complete the **Application for Undergraduate Degree** to assure timely assessment of their graduation requirements. The form is available online at the following URL: <http://www.samford.edu/groups/sturec/DegreeApplication-UG.pdf>

Expected Graduation Term	Application Deadline
Spring 2010	October 1, 2009
Summer 2010	February 15, 2010
Fall 2010	April 1, 2010

**Summer I 2009 (First Five-Week Summer Session)**

May 27	Payment due date for students who have registered
June 1	Advising, registration, and payment for students not registered
June 1	Classes begin
June 3	Last day to add or drop a Summer I course(s) <b>without FINANCIAL penalty</b>
June 3	Deadline to submit Course Repeat form in session repeated course is taken
June 24	Last day to <b>withdraw from a Summer I course OR to completely withdraw from ALL Summer I courses without ACADEMIC penalty</b>
July 1	Classes end
July 2	Final Examinations

**Summer II 2009 (Second Five-Week Summer Session )**

July 1	Payment due date for students who have registered
July 3	Independence Day Holiday; no classes meet
July 6	Advising, registration, and payment for students not registered
July 6	Classes begin
July 8	Last day to add or drop a Summer II course(s) <b>without FINANCIAL penalty</b>
July 8	Deadline to submit Course Repeat form in session repeated course is taken
July 29	Last day to <b>withdraw from a Summer II course OR to completely withdraw from ALL Summer II courses without ACADEMIC penalty</b>
August 6	Classes end
August 7	Final Examinations

**Summer 10-Week Term 2009**

May 27	Payment due date for students who have registered
June 1	Advising, registration, and payment for students not registered
June 1	Classes begin
June 9	Last day to add or drop a Summer 10-Week course(s) <b>without FINANCIAL penalty</b>
June 9	Deadline to submit Course Repeat form in term repeated course is taken
July 3	Independence Day Holiday; no classes meet
July 17	Last day to <b>withdraw from a Summer 10-Week course OR to completely withdraw from ALL Summer 10-Week courses without ACADEMIC penalty</b>
August 6	Classes end
August 7	Final Examinations

**Fall Semester 2009**

August 18	Payment due date for students who have registered
August 17-21	Faculty in residence for the academic session
August 21	Advising, registration and payment for students not registered
August 24	Classes begin
August 25	University Convocation
August 28	Last day to add or drop a course(s) <b>without FINANCIAL penalty</b>
August 28	Deadline to submit Course Repeat form in semester repeated course is taken
September 7	Labor Day Holiday; no classes meet
September 28-29	Fall Break; no classes meet
October 5	Deadline for faculty to submit midterm grades for freshmen (deadline subject to change)
Oct 21-Nov 20	Registration for Jan Term and Spring Semester
November 12	Last day to <b>withdraw from a Fall course OR to completely withdraw from ALL Fall courses without ACADEMIC penalty</b>
November 25-27	Thanksgiving Holidays; no classes meet
December 4	Classes end
December 7-10	Final Examinations
December 12	Commencement

# Calendar for Academic Year 2009-2010 for Undergraduate Day & Evening, and All Graduate Programs\* (cont'd) (except Graduate Nursing & Environmental Management)

## Jan Term 2010

January 4	Payment due date for students who have registered
January 4	Advising, registration, and payment for students not registered
January 4	Classes begin
January 6	Last day to add or drop a course(s) <b>without FINANCIAL penalty</b>
January 6	Deadline to submit Course Repeat form in term repeated course is taken
January 18	Martin Luther King, Jr. Holiday; no classes meet
January 19	Last day to <b>withdraw from a Jan Term course OR to completely withdraw from ALL Jan Term courses without ACADEMIC penalty</b>
January 21	Classes end
January 22	Final Examinations

## Spring Semester 2010

January 20	Payment due date for students who have registered
January 22	Advising, registration and payment for students not registered
January 25	Classes begin
January 26	University Convocation
January 29	Last day to add or drop a course(s) <b>without FINANCIAL penalty</b>
January 29	Deadline to submit Course Repeat form in semester repeated course is taken
March 8	Deadline for faculty to submit midterm grades for freshmen (deadline subject to change)
March 15-19	Spring Break Holidays; no classes meet
April 5	Easter Monday Holiday; no classes meet
April 6-30	Registration for Summer Terms and Fall Semester
April 22	Last day to <b>withdraw from a Spring course OR to completely withdraw from ALL Spring courses without ACADEMIC penalty</b>
May 7	Classes end
May 10-13	Final Examinations
May 14-15	Commencement Weekend

## Summer I 2010 (First Five-Week Summer Session)

May 26	Payment due date for students who have registered
June 1	Advising, registration, and payment for students not registered
June 1	Classes begin
June 3	Last day to add or drop a Summer I course(s) <b>without FINANCIAL penalty</b>
June 3	Deadline to submit Course Repeat form in session repeated course is taken
June 21	Last day to <b>withdraw from a Summer I course OR to completely withdraw from ALL Summer I courses without ACADEMIC penalty</b>
July 1	Classes end
July 2	Final Examinations

## Summer II 2010 (Second Five-Week Summer Session )

June 29	Payment due date for students who have registered
July 5	Independence Day Holiday; no classes meet
July 7	Advising, registration, and payment for students not registered
July 8	Classes begin
July 12	Last day to add or drop a Summer II course(s) <b>without FINANCIAL penalty</b>
July 12	Deadline to submit Course Repeat form in session repeated course is taken
August 5	Last day to <b>withdraw from a Summer II course OR to completely withdraw from ALL Summer II courses without ACADEMIC penalty</b>
August 12	Classes end
August 13	Final Examinations

## Summer 10-Week Term 2010

May 26	Payment due date for students who have registered
June 1	Advising, registration, and payment for students not registered
June 1	Classes begin
June 7	Last day to add or drop a Summer 10-Week course(s) <b>without FINANCIAL penalty</b>
June 7	Deadline to submit Course Repeat form in term repeated course is taken
July 5	Independence Day Holiday; no classes meet
July 21	Last day to <b>withdraw from a Summer 10-Week course OR to completely withdraw from ALL Summer 10-Week courses without ACADEMIC penalty</b>
August 12	Classes end
August 13	Final Examinations

## JANUARY 2010

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## FEBRUARY 2010

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## APRIL 2010

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## JUNE 2010

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## JULY 2010

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## AUGUST 2010

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\* For the **Beeson School of Divinity** Academic Calendar, see their Web site: <http://www.beesondivinity.com/>  
(Click on Faculty & Students>Academics>Class Schedule & Academic Calendar)  
For the **Cumberland School of Law** Academic Calendar, see their Web site: <http://cumberland.samford.edu/>  
(Click on Academics>Academic Calendar)  
For the **McWhorter School of Pharmacy** Academic Calendar for 2009-2010, see that school's section of this catalog.  
For the **2010-2011 Academic Calendar**, see the following Web site: <http://www.samford.edu/groups/sturec/acadcalendar.html>

# Calendar for Academic Year 2009-2010 for Graduate Nursing and Graduate Environmental Management

## JUNE 2009

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## JULY 2009

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## SEPTEMBER 2009

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## OCTOBER 2009

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## NOVEMBER 2009

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## DECEMBER 2009

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## JANUARY 2010

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## Summer Term 2009

May 27	Payment due date for students who have registered
June 1	Advising, registration and payment for students not registered
June 1	Classes begin
June 9	Last day to add or drop a course(s) <b>without FINANCIAL penalty</b>
July 3	Independence Day Holiday, no classes meet
July 17	Last day to <b>withdraw from a Summer course OR to completely withdraw from ALL Summer courses without ACADEMIC penalty</b>
August 6	Classes end
August 7	Final Examinations

## Fall Semester 2009

August 10	Payment due date for students who have registered
August 17	Advising, registration and payment for students not registered
August 17	Classes begin
August 25	Last day to add or drop a course(s) <b>without FINANCIAL penalty</b>
September 7	Labor Day Holiday; no classes meet
Oct 21-Nov 20	Registration for Spring Semester
November 12	Last day to <b>withdraw from a Fall course OR to completely withdraw from ALL Fall courses without ACADEMIC penalty</b>
November 25-27	Thanksgiving Holidays; no classes meet
December 4	Classes end
December 7-11	Final Examinations
December 12	Commencement

## Spring Semester 2010

January 4	Payment due date for students who have registered
January 4	Advising, registration and payment for students not registered
January 4	Classes begin
January 12	Last day to add or drop a course(s) <b>without FINANCIAL penalty</b>
January 18	Martin Luther King, Jr. Holiday; no classes meet
March 15-19	Spring Break Holidays; no classes meet
April 1-23	Registration for Summer Term and Fall Semester
April 5	Easter Monday Holiday; no classes meet
April 22	Last day to <b>withdraw from a Spring course OR to completely withdraw from ALL Spring courses without ACADEMIC penalty</b>
May 7	Classes end
May 10-13	Final Examinations
May 14-15	Commencement Weekend

## Summer Term 2010

May 26	Payment due date for students who have registered
June 1	Advising, registration and payment for students not registered
June 1	Classes begin
June 7	Last day to add or drop a course(s) <b>without FINANCIAL penalty</b>
July 5	Independence Day Holiday, no classes meet
July 21	Last day to <b>withdraw from a Summer course OR to completely withdraw from ALL Summer courses without ACADEMIC penalty</b>
August 12	Classes end
August 13	Final Examinations

For the **Beeson School of Divinity** Academic Calendar, see their Web site: <http://www.beesondivinity.com/>  
(Click on Faculty & Students>Academics>Class Schedule & Academic Calendar)

For the **Cumberland School of Law** Academic Calendar, see their Web site: <http://cumberland.samford.edu/>  
(Click on Academics>Academic Calendar)

For the **McWhorter School of Pharmacy** Academic Calendar for 2009-2010, see that school's section of this catalog.

For the **2010-2011 Academic Calendar**, see the following Web site: <http://www.samford.edu/groups/sturec/acadcalendar.html>

## FEBRUARY 2010

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## APRIL 2010

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## MARCH 2010

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## JUNE 2010

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## JULY 2010

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## AUGUST 2010

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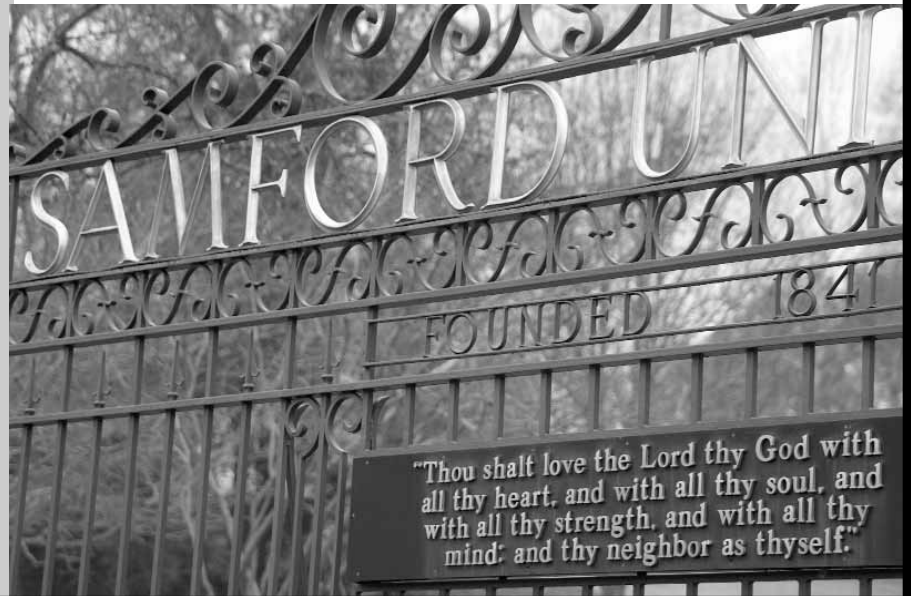




# About Samford University

*For more than 160 years, Samford University and its students have impacted the world with their academic achievement and leadership skills. At the University's core is a foundation of Christian values and belief, a mission to nurture persons for God, for learning, forever that has withstood the test of time. Because of the united dedication to this mission, Samford students discover that professors, administrators, and staff encourage them to reach their highest potential intellectually, spiritually, and socially. The rewards are numerous, and the impact on individual lives is endless.*





### **Identity**

Samford University is a Christian community focused on student learning.

Samford was founded in 1841 by Alabama Baptists. In the present day, it maintains its ties to Alabama Baptists, extending and enhancing their original commitment by developing and maintaining in the campus community an exemplary Christian ethos and culture.

Samford University's corporate expression of faith commitment is *The Statement of Baptist Faith and Message of 1963*, without amendment.

Samford offers associate's, bachelor's, master's, and professional doctoral degrees, as well as continuing education and various types of worthwhile, non-degree learning.

Samford serves students through eight organizational units: Howard College of Arts and Sciences, McWhorter School of Pharmacy, Cumberland School of Law, Brock School of Business, Orlean Bullard Beeson School of Education and Professional Studies, School of the Arts, Ida V. Moffett School of Nursing, and Beeson School of Divinity.

### **Mission**

The mission of Samford University is to nurture persons in their development of intellect, creativity, faith, and personhood. As a Christian university, the community fosters academic, career, and ethical competency, while encouraging social and civic responsibility, and service to others.

### **Core Values**

Samford University's particularity is rooted in convictions, essential to its integrity, and expressive of its mission. The Samford community values lifelong:

- belief in God, the Creator of heaven and earth, and in Jesus Christ, His only Son, our Lord.
- engagement with the life and teachings of Jesus
- learning and responsible freedom of inquiry
- personal empowerment, accountability, and responsibility
- vocational success and civic engagement
- spiritual growth and cultivation of physical well-being
- integrity, honesty, and justice
- appreciation for diverse cultures and convictions
- stewardship of all resources
- service to God, to family, to one another, and to the community.

### **Vision**

Anchored in Christian understanding, Samford University will be a diverse community, stressing vigorous learning and personal faith, in the Baptist tradition. Within that commonality, the Community will be: *innovative* in teaching, learning and research; *sensitive* to global issues; aggressive in self-assessment and continuous improvement. Faithful to its mission, Samford will be known and acknowledged worldwide by holding to its distinctives. The world will be better for it.

# 1841

Founded and chartered in Perry County, Alabama, by a group of educational, economic, and Baptist leaders.



# 1842

Opened in Marion, Alabama, in January, as Howard College, named in honor of John Howard, British advocate of prison reform.



# 1887

Relocated to the East Lake campus in Birmingham, Alabama



# 1914

Established Teacher Education Division



# 1920

Gained membership in and accreditation by the Southern Association of Colleges and Schools.



# 1927

Established Division of Pharmacy



# 1947

Purchased 300-acre site in Homewood, Alabama, for relocation of the campus.



# 1957

Relocated to the current Homewood campus with eight buildings



# 1961

Acquired the historic and renowned Cumberland School of Law, established in 1847 at Lebanon, Tennessee.



# 1965

Elevated to university status and named Samford University in honor of the Frank Park Samford family.

# 1965

Designated the Division of Pharmacy as the School of Pharmacy; later renamed McWhorter School of Pharmacy in honor of the R. Clayton McWhorter family.



# 1965

Created the School of Business; the Department of Business had been offering degrees since 1922. Named Brock School of Business in 2007.



# 1970

Elevated the Department of Music to the School of Music. In 2001, became School of Performing Arts with the addition of Theatre Department. The Art Department joined in 2008 to create School of the Arts.



# 1973

Acquired the Ida V. Moffett School of Nursing following a merger agreement with Baptist Medical Centers—the first program in Alabama to be accredited by the National League for Nursing in 1955.



# 1984

Purchased the London Study Centre, located in the heart of London; later renamed Daniel House in honor of the Daniel family.



# 1988

Established the Beeson School of Divinity through the generosity of Ralph W. Beeson.



# 1995

Opened the Lucille S. Beeson Law Library to serve Samford's Cumberland School of Law. Lucille Beeson practiced law in the 1930s and was a distinguished patron of the University.



# 2001

Opened the state-of-the-art Sciencenter, with 100-seat planetarium, conservatory, classrooms, research labs, and offices for biology, physics, and chemistry departments. Named William Self Probst Hall in 2009.



# 2007

Dedicated the 132,000-square-foot Pete Hanna Center, including the 5,000-seat Thomas E. and Marla H. Corts Arena, a fitness/wellness center, and other athletics facilities.



## Samford Facts

- In the 2009 college rankings by *U.S. News & World Report*, Samford was number 130 out of 262 institutions in the doctoral/research university category; Samford is the only private institution in Alabama in the national universities category, and one of only three institutions in the state to rank as high as the second tier.
- Selected and recognized for excellence among 60 college first-year programs and among 40 college civic education programs in *The Templeton Guide: Colleges that Encourage Character Development*.
- Selected annually for inclusion in *Peterson's Competitive Colleges*.
- **11:1** ratio of student enrollment to faculty (as defined by the Common Data Set); no students taught by graduate assistants.
- Samford students can be found studying on five continents: North America, South America, Africa, Asia, and Europe.
- **Eighteen** National Merit Scholars enrolled as entering freshmen for **Fall 2008**.
- **More than 100** children, ages six weeks through four years, are enrolled at the Children's Learning Center, which serves as an inclusive demonstration model and laboratory school under the supervision of the Orlean Bullard Beeson School of Education and Professional Studies.
- Samford annually draws nationally and internationally-recognized speakers from around the world, including former U.S. presidents, British prime ministers, and other personalities representing such areas as business, government, education, ministry, law, and health care.
- The University's libraries house approximately **972,606** volume equivalents.
- The Wright Fine Arts Center has a **2,700-seat** concert hall, a theatre and recital hall.
- Samford has a **700-seat** undergraduate chapel and a **400-seat** divinity school chapel.
- Samford is the **87th** oldest college or university in America.
- For **Fall 2008**, **4,469** men and women enrolled from more than **39** states and there were foreign students from **19** countries.
- More than **80%** of Samford's **290** full-time faculty have earned the highest degree in their field.
- Samford offers **25** degree programs in over **90** majors.
- A **2,000-square-foot** conservatory, the only one of its kind in the Southeast dedicated entirely to plants that contain chemicals used in medicines or herbal supplements.
- **Fifty-nine percent** of **2008** entering freshmen were in the top 25 percent of their high school class. The average ACT score of **2008** entering freshmen was **25**.
- **Seventeen** intercollegiate sports for men and women in NCAA Division I.
- More than **100** social, religious, service, honorary and professional organizations, as well as seven national fraternities and eight national sororities.
- More than **330** personal computers available for general student access at computer labs across campus; all computers offer the latest software and are connected to the Internet; telephone and Internet connections are provided for every resident student.
- Larry Davenport, professor of biology, was named as 2007 Alabama Professor of the Year by the Carnegie Foundation for the Advancement of Teaching, the fourth such Samford faculty member so honored in the last 10 years.

## University Membership in Educational Organizations

The University holds membership in the following educational organizations:

ACHE Council of Graduate Deans  
 Alabama Association of Colleges for Teacher Education  
 Alabama Association of Independent Colleges and Universities  
 Alabama Commission of Higher Education  
 Alabama Council for International Programs  
 American Academy of Nurse Practitioners  
 American Alliance for Health, Physical Education and Dance  
 American Association for Family and Consumer Sciences  
 American Association for Paralegal Education  
 American Association of Colleges of Nursing  
 American Association of Colleges for Teacher Education  
 American Association of Colleges of Pharmacy  
 American Association of Collegiate Registrars and Admission Officers  
 American Association of University Women  
 American Council on Education  
 American Library Association  
 Association of Alabama College Administrators  
 Association of American Colleges and Universities  
 Association of American Law Schools  
 Association of College and Research Libraries  
 Association of Collegiate Entrepreneurs  
 Association of Governing Boards of Universities and Colleges  
 Association of Southern Baptist Colleges and Schools  
 Association to Advance Collegiate Schools of Business (AACSB)  
 Birmingham Area Consortium for Higher Education (BACHE)  
 Consortium for Global Education  
 Council for the Advancement and Support of Education  
 Council for the Advancement of Private Colleges in Alabama (CAPCA)  
 Council for Higher Education Accreditation  
 EDUCAUSE  
 National Association of Independent Colleges and Universities (NAICU)  
 National Association of Schools of Public Affairs and Administration  
 National Association of Student Personnel Administrators  
 National Athletic Trainers Association  
 National Association for Legal Assistants  
 National Council for Science and the Environment  
 National Network of Church-Related Colleges and Universities  
 National Organization of Nurse Practitioner Faculties  
 Network of Alabama Academic Libraries  
 Online Computer Library Center (OCLC)  
 Southeastern Library Network (SOLINET)  
 Southern Association of Collegiate Registrars and Admission Officers  
 Southern Business Administration Association  
 Southern Regional Education Board

Samford University is approved by the Alabama Department of Education for the training of teachers, school administrators, supervisors and counselors. The legal assistant certificate program is approved by the American Bar Association Standing Committee on Paralegals.

## Accreditation

Samford University is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (SACS), 1866 Southern Lane, Decatur, GA 30033-4097; (404) 679-4501, to award associate, bachelor's, master's, educational specialist, and doctoral degrees. This status was most recently affirmed in 2007, continuing a relationship that Samford has enjoyed with SACS since 1920. The appropriate professional schools at Samford are accredited by:

American Bar Association  
 American Council on Pharmaceutical Education  
 American Dietetic Association  
 Association of Theological Schools  
 Association to Advance Collegiate Schools of Business (AACSB)  
 Commission on Accreditation of Allied Health Education Programs

Commission on Collegiate Nursing Education  
 Council on Accreditation of Nurse Anesthesia Educational Programs  
 Foundation for Interior Design Education Research  
 National Association of Schools of Music  
 National Council for Accreditation of Teacher Education

## Frequently Asked Questions for New Students

### HOW OLD IS SAMFORD UNIVERSITY?

Samford University was founded and chartered in 1841 by a group of educational, economic, and religious leaders.

### CAN I VISIT THE CAMPUS?

All prospective students and their parents are encouraged to visit the campus. To schedule your visit, contact: Office of Admission, Samford University, 800 Lakeshore Drive, Birmingham, AL 35229, or telephone (800) 888-7218 or (205) SAM-FORD [726-3673].

### HOW DO I APPLY FOR ADMISSION TO SAMFORD UNIVERSITY?

Contact the Office of Admission for an admission packet (800) 888-7218 or (205) SAM-FORD [726-3673], or mail a request to: Office of Admission, Samford University, 800 Lakeshore Drive, Birmingham, AL 35229, or visit the Samford Web site at [www.samford.edu](http://www.samford.edu).

### WHAT ARE THE ADMISSION REQUIREMENTS?

Admission requirements depend on your student classification, i.e., whether or not you have ever enrolled in college. Please see Admission Procedures and Policies section of this catalog for definitions and details.

### WHEN DO I APPLY FOR ADMISSION?

There is no formal admission deadline, but you are encouraged to complete the application process as soon as possible. For freshmen to be considered for merit based scholarships, applications must be received prior to December 15.

### WHEN WILL I KNOW IF I HAVE BEEN ACCEPTED BY SAMFORD?

Letters of admission notification are mailed to applicants on a rolling basis prior to admission in the fall of the same year.

### HOW MUCH DOES IT COST?

A table of tuition and fees for undergraduate day students (full-time and part-time) and graduate students can be found in the Financial Information section of this catalog. Also, there are brief explanations of miscellaneous expenses that may occur during an academic year.

### AFTER I AM ACCEPTED TO SAMFORD, WHAT DO I DO NEXT?

Included with your letter of acceptance, you will receive a packet of information including campus residence request forms, and most important, New Student Orientation information. New Student Orientation is coordinated by the Director of Orientation, and is held in June for freshmen and their parents prior to the fall semester. (See the Academic Calendar for 2009-2010 in this catalog for dates.) During this two-day orientation, students and parents will be introduced to campus services, faculty, staff, and various other elements of Samford. Parents will not want to miss this event. Students will participate in one-on-one personal curriculum advising with their academic advisor and course registration. It is a time to relax, get acquainted with Samford, have questions answered, and meet faculty, administration, and classmates. An information session will be held in August for students transferring to Samford.

### HOW CAN I APPLY FOR A SCHOLARSHIP?

Samford University provides numerous scholarships based on criteria such as academic achievement, leadership skills, need, athletic ability, or field of study. See the Financial Assistance section of this catalog for details or contact the Office of Financial Aid at (205) 726-2905.

### WHAT TYPES OF FINANCIAL AID ARE AVAILABLE?

Federal and state financial aid is available in the form of grants, loans, and on-campus job opportunities. Samford offers numerous scholarships to qualified students. You will find details on these and other financial aid programs in the Financial Assistance section of this catalog.

### I AM A TRANSFER STUDENT. WHAT DO I NEED TO DO TO ENROLL IN SAMFORD?

Transfer students are welcomed at Samford University and must present academic records that reflect serious academic aims and mature progress toward those aims. See the Admission Policies and Procedures section of this catalog, or con-

tact the Office of Admission for an admission packet at (800) 888-7218 or (205) SAM-FORD [726-3673], or mail a request to the Office of Admission, Samford University, 800 Lakeshore Drive, Birmingham, AL 35229.

### I AM AN INTERNATIONAL STUDENT.

#### WHAT DO I NEED TO DO TO ENROLL IN SAMFORD?

An international student must allow six months to complete the necessary paperwork prior to admission and enrollment date. See the Admission Policies and Procedures section of this catalog, or contact the Office of Admission for an admission packet at (800) 888-7218 or (205) SAM-FORD [726-3673], or mail a request to the Office of Admission, Samford University, 800 Lakeshore Drive, Birmingham, AL 35229, or the Samford Web site at [www.samford.edu](http://www.samford.edu).

#### DO I NEED A COMPUTER?

For the most part, the need for a student-owned computer is a personal preference. Samford provides student access to six computer labs on campus. Many departments also have computer labs that support their specialized needs. All resident students may access the Samford University network from their residence hall room. Services such as e-mail and Internet access are provided without charge to all Samford resident students. Contact the Personal Technology Group for more detailed information at (205) 726-2662 or e-mail [support@samford.edu](mailto:support@samford.edu). Also, see Computer Services and Resources in the Campus Life, Services, and Facilities section of this catalog.

#### WHAT CHOICES DO I HAVE FOR A MAJOR?

There are over 90 majors available from eight colleges and schools. A complete list of undergraduate majors and degrees offered can be found in the Academic Policies and Regulations section of this catalog. There you will also find a list of minors, certificates, and graduate and professional degrees offered.

#### I AM UNDECIDED ABOUT A MAJOR. WHAT DO I DO?

The Assistant Dean of the Howard College of Arts and Sciences oversees undeclared majors and furnishes guidance through the services of a Career Counselor. To further aid a student with this decision, a required curriculum of six courses, known as the University Core Curriculum, has been designed to provide an academic foundation for work toward a major field of study. See Bachelor's Degree Requirements in the Academic Policies and Regulations section of this catalog for further information and details on the University Core Curriculum.

#### HOW DO I DECLARE A MAJOR?

Each student must declare a major by the junior year and file it with the Office of Student Records.

#### I DO NOT LIVE IN BIRMINGHAM.

##### WHERE CAN I LIVE? CAN I LIVE ON CAMPUS?

All unmarried, undergraduate day students are required to live on campus for four semesters (typically through the sophomore year), unless they live at home with a parent or guardian. See Residence Life in the Campus Life, Services, and Facilities section of this catalog for further information.

#### MAY I HAVE A CAR ON CAMPUS?

Yes. All motor vehicles on campus must be registered with the Department of Public Safety & Emergency Management, and students must comply with all campus vehicle registration requirements, and parking and traffic regulations. See Campus Safety and Regulations in the Campus Life, Services, and Facilities section of this catalog for details.

#### WHAT ARE SOME EXTRACURRICULAR ACTIVITIES AT SAMFORD?

The Campus Life, Services, and Facilities section of this catalog introduces students to the wide variety of annual campus events, musical groups and choirs, student-run publications, radio station participation, student ministries, as well as service and social organizations available to students. In addition, there are chapters of eight national sororities and seven national fraternities on campus. Samford is a Division I member of the NCAA and competes in the Southern Conference in basketball, baseball, football, golf, soccer, softball, tennis, track, and volleyball. In their years at Samford, students experience opportunities to attend cultural events, to participate in service projects, and to attend the lectures and seminars of outstanding and accomplished national and international VIP visitors.

# Admission Procedures and Policies



Photo courtesy of Virginia Jones

*A solid liberal arts education has long proven to be the best preparation for most professions and positions of leadership. Through a strong education in the arts and sciences, Samford University students develop intellectually and personally, acquiring the broad understanding and diverse skills that modern society requires.*

*Samford seeks students who have demonstrated high standards of scholarship, outstanding personal character, and serious educational aims. Admission to Samford involves a careful analysis of academic records, character references, clarity of educational purpose, and extracurricular activities which reflect the applicant's potential for involvement and leadership in the programs and services of the university.*

*Admission standards are competitive and selective. The Admission Committee selects the entering class from among those whose academic performance gives the strongest promise of success in college. It is Samford's intent to maintain an undergraduate student body with diverse backgrounds, interests, and abilities.*

*Students who wish to attend Samford University should complete an application for admission. Completed applications and related documents must be mailed to the address listed below.*

*Prospective students are encouraged to visit the campus. To schedule your visit, contact: Office of Admission, Samford University, 800 Lakeshore Drive, Birmingham, AL 35229, or telephone (800) 888-7218 or (205) SAMFORD [726-3673].*

*The information that follows is general policy and pertains to undergraduate programs. Graduate and professional degree programs may have different policies. For information about these, contact the administrator with responsibility for the program in question.*

## Student Classifications

**Academic Renewal Student**—An undergraduate student who has dropped out, withdrawn, or has been suspended because of academic deficiencies but has demonstrated sufficient maturation to be considered for re-enrollment.

**Adult Evening Student**—A student who has been out of high school for at least three years and is unable to enroll in a day program.

**Audit Student**—A student who neither receives a grade nor participates in classroom examinations.

**Early Admission Freshman**—An exceptional high school student who meets specific qualifications to be admitted to Samford University prior to completing a traditional four-year high school diploma program.

**Freshman**—A student who is a high school graduate and has not enrolled in any accredited college or university.

**International Student**—A student who is not a U.S. citizen.

**International Baccalaureate Student**—A student who has been admitted to the International Baccalaureate (IB) Program that allows high school students to obtain college credit for coursework taken in the IB program.

**Readmission Student**—A student who previously attended Samford, left, and desires to return to Samford, including students who were required to withdraw.

**Special Status Student**—A student who is enrolled but is not seeking a degree.

**Transfer Student**—A student who has attended another accredited college or university and desires to attend Samford to pursue a degree.

**Transient Student**—A student who is regularly enrolled in another college or university but desires to take a course(s) at Samford.

## Admission Application Process

Although there is no formal admission deadline, applicants are encouraged to complete the process as soon as possible. Delays in the admission process could also adversely affect other processes important to eventual enrollment, including financial aid and residence life. Also, if transcripts are being sent to us from other institutions, please allow for the time it takes for us to receive them. See Admission Procedures below.

## Admission Notification for All Students

Once students have been notified of admission to Samford, a \$250 Enrollment Confirmation Deposit must be submitted to the Office of Admission to reserve a place in the entering class. The deposit is nonrefundable and is applied to first semester costs. The entering class must be limited to support an optimum living and learning environment. Deposits will be accepted until May 1 (the National Candidate Reply Date), after which eligible students will be placed on a wait list and selected as space becomes available.

## Orientation and Connections

**Orientation:** The Office of Orientation and Campus Visits coordinates four Orientation sessions for new students and their parents. Orientation provides parents and students the opportunity to learn more about the campus, faculty, and staff, and the opportunity to talk to current Samford students. New students will register for their fall classes. Orientation is required for all new students enrolling at Samford.

**Connections:** The Office of Orientation and Campus Visits is responsible for the implementation of Connections, a four day assimilation event for entering freshmen. First-year students are mentored by upperclassmen, faculty, and staff as they become integrated academically and socially. New students will gain valuable information from this process.

# Undergraduate Admission Procedures

## First-Time Applicants

Samford University seeks to enroll students capable of success in a challenging academic environment. Every applicant is evaluated individually on the basis of academic preparedness and potential, as well as personal fit with the mission and purpose of the university. The Admission Committee considers factors such as the rigor of the high school curriculum, grade point average, standardized test scores, and recommendations. The **2008** Freshman Class possessed an ACT composite middle 50 percent range of 22-27; their SAT-I middle 50 percent range was 1010-1230. The average high school grade point average of the entering class was 3.58. These statistics continue to demonstrate the competitive environment of Samford University.

## Freshman Applicant

### Prerequisites

#### Transcripts and Curriculum

An official high school transcript of your academic work should reflect a strong scholastic history. Successful admission candidates are expected to have four units of English, algebra I and II, geometry, two laboratory sciences, two units of history (not including state history), and two units of a foreign language. Successful scholarship applicants typically present a curriculum that includes outstanding performance in four units of English, four units of math, three laboratory sciences, three units of history, and two units of a foreign language.

#### College Entrance Examinations

Official test scores, sent to Samford directly from the American College Testing Program (ACT) and/or the College Board Scholastic Aptitude Test (SAT I: Reasoning Test, or SAT) are required. Samford's institutional codes are: 0016 (ACT) and 1302 (SAT). Scores received via other means will not be accepted as official. The writing components are required for data analysis purposes only.

#### High School Equivalency (GED)

Applicants who have the GED (General Educational Developmental) diploma may present an official score report in place of the high school diploma. The ACT or SAT will be required unless the applicant has been out of high school for at least five years. Nursing applicants are required to submit standardized test scores.

#### Freshman Applicant Procedures for Admission

A freshman applicant who desires to attend Samford University should:

1. Complete an application form and include a \$35 nonrefundable application fee.
2. Request two official transcripts from your high school to be sent to the Office of Admission. One should be sent at the time of application. The second one should be sent at the completion of the senior year certifying graduation. Transcripts must be mailed by the school to the Office of Admission in order to be considered official.
3. Have official scores on the ACT or SAT sent to the Office of Admission by the respective agency.
4. Arrange for submission of the School Recommendation Form provided in the application packet.
5. Write an essay of approximately 500 words. In your own words, respond to one of the essay questions in the Admission Application Packet.
6. Include a leadership résumé of high school, church, and community activities.
7. Mail the completed application and related documents to:
  - Office of Admission
  - Samford University
  - 800 Lakeshore Drive
  - Birmingham, AL 35229
8. Applications may be submitted online by visiting [www.samford.edu](http://www.samford.edu).

## Early Admission Freshman Applicant

Samford welcomes applications from exceptional students prior to their high school graduation when, in the opinion of the applicant, the applicant's parents, and school officials, enrollment at Samford University will enhance the educational experience beyond that available in high school.

### Categories

There are two categories for early admission:

1. Admission to Samford after the junior year in high school.  
or
2. Concurrent enrollment at Samford and at the high school during the senior year.

### Qualifications and Requirements

1. A grade point average of 3.50 or higher.
2. An ACT score of 25 or an SAT score of 1150.
3. A written statement of support from parents and from a school official.

## Evening Student Applicant

It is expected that students who enter this program have been out of high school for at least three years and are unable to enroll in the day program due to work schedules, family concerns, or other reasons. Metro Programs is the administrative office that serves Evening Students. (See Metro Programs section of this catalog.) Metro Programs staff can assist you with academic advising, admission, and other areas of concern. Contact them at (205) 726-2898.

## International Student Applicant

International students should allow a minimum of six months to complete all the necessary paperwork prior to admission and enrollment.

### International Student Applicant Procedures

An international student who desires to attend Samford University should:

1. Complete an application form and attach a \$35 (U. S. dollars) nonrefundable application fee.
2. Have official scores on the ACT or the SAT sent directly from the testing agency to the Office of Admission if attending high school in the United States.
3. Have official scores on the TOEFL (Test of English as a Foreign Language) sent directly from the Educational Testing Service directly to the Office of Admission. A minimum score of 550 (paper), 213 (computer), or 80 (Internet) is expected.
4. Have an official transcript of all academic work, including mark sheets, examination results, certificates, diplomas, etc., sent to the Office of Admission. If college credit has been earned in a university other than an American university, submit certified copies of all academic work to the World Evaluation Service (WES), requesting a Course by Course Evaluation. Information regarding WES is available from the Office of Admission.
5. Submit a financial affidavit of support, supplied by Samford, showing that there are adequate funds to support your educational experience.

## Dual Enrollment

College courses taken in a high school setting without external testing (e.g. AP, CLEP, IB) or fulfilling a high school requirement will be treated as dual enrollment credit. Beginning in the 2009-2010 academic year, entering freshmen may have limited dual enrollment courses considered for transfer credit.

## Transfer Student Applicant

### Academic Record

Transfer students generally receive favorable admission review when they present a minimum cumulative 2.50 grade point average on all college-level coursework, provided they have attempted at least 24 credits, or 36 quarter credits, at institutions accredited by one of the regional accrediting agencies.

### Transferring Core and General Education Courses

Samford University strives to offer a distinctive curriculum that challenges students to their fullest potential and employs innovative teaching techniques. All students should complete their General Education Requirements in residence whenever possible. Transfer students with 18 or more semester credits earned at another institution may be able to substitute some general education courses taken elsewhere for the interdisciplinary courses of the University Core and General Education Curriculum that meet 75 percent of the required credits in each course. Only one Core Curriculum course (UCCA 101) may be applied as a core course for transfer students who have earned less than 18 transfer credits from accredited institutions and credit by examination. Students will only receive the credit they earned (not the credit of the course being replaced) and must meet the total number of credits required for their degree program (128 credits minimum). Natural and computational science courses must have a laboratory component.

### Transfer Credits

Samford University accepts for transfer credits earned at institutions that have regional accreditation and in which the student has earned a grade of C- or higher. Credit for coursework with a grade of C- or higher from institutions that are not regionally accredited will be considered for transfer credit where such credit represents coursework relevant to the degree sought, with course content and level of instruction resulting in student competencies at least equivalent to those of students enrolled at Samford.

Transfer students are required to earn at least 50 percent of the credit for a first undergraduate degree in each degree program from Samford. Also, a minimum of 15 credits in the major field (with nine at the 300–400 level) must be earned at Samford. For a minor, a minimum of nine credits in the minor field (with six at the 300–400 level) must be earned at Samford.

Students may transfer up to 12 semester credits of dual enrollment credit in which the student has earned a grade of B- or higher. Transferred coursework must be comparable to Samford courses offered at the 100 and 200 level. Only one Core Curriculum course (UCCA 101) may be transferred as dual enrollment credit.

Students may transfer up to 64 semester credits or 96 quarter credits of work completed at two-year institutions, where such coursework is comparable to Samford courses offered at the 100 and 200 level. The aggregate of credit earned in dual enrollment, extension, correspondence, portfolio (available through Metro Programs only), AP (Advanced Placement), and CLEP may not exceed 30 credits, none of which counts toward the 50 percent residency requirement.



### Transfer Student Applicant Procedures for Admission

Samford University welcomes transfer students at the beginning of any term. Transfer students must present academic records that reflect serious academic aims and mature progress toward those aims.

A transfer student who desires to attend Samford University should:

1. Have one official transcript from each college attended mailed directly from your former institution's records office to the Office of Admission at Samford. If you earned fewer than 24 semester credits or 36 quarter credits in total at other institutions, you must also meet the requirements of an entering freshman.
2. Complete an application form and attach a \$35 nonrefundable application fee.
3. Include one letter of recommendation, typically from a professor or advisor.
4. Write an essay of 250–500 words. In your own words, respond to one of the essay questions in the Admission Application Packet.
5. Mail the completed application and related documents to:  
Office of Admission  
Samford University  
800 Lakeshore Drive  
Birmingham, AL 35229

All transfer students are required to attend new student orientation before registering for classes.

## Special Category Applicants

### Academic Renewal Applicant

Undergraduate students who have dropped out, withdrawn, or have been suspended because of academic deficiencies but have demonstrated sufficient maturation may request readmission as an academic renewal applicant.

The following conditions apply:

1. At least three years must have elapsed since the end of the semester(s) for which the student is seeking the provisions of academic renewal. **If academic renewal is sought for more than one semester, the semesters must be contiguous.** The cumulative GPA for the previous work being considered for forgiveness under the academic renewal policy must have been lower than 2.00.
2. After admission as a candidate for academic renewal, the student must submit a written application for academic renewal to the Office of the Dean of Academic Services and Registrar within twelve (12) months following entry (or re-entry) to Samford University. This application should be supported by at least one semester of recent coursework at Samford that indicates a reasonable expectation of the candidate's continued academic success. Written approval of the student's Academic Dean is required for admission as a candidate for academic renewal and to invoke the academic renewal policy.
3. If granted, a statement of academic renewal is entered after the appropriate semester(s) for which coursework is being forgiven. Also, the declaration of academic renewal will include a statement prohibiting use of the designated previously earned credits and quality points to meet degree requirements, to compute the grade point average leading toward undergraduate certificates or degrees, or to determine graduation status.
4. No academic credit (whatever the grade) earned during the semester(s) being forgiven under academic renewal may be used as a part of a degree program, nor will it be calculated into the cumulative grade point average. However, the portion of the academic record being forgiven will remain a visible part of the student's transcript.
5. Academic renewal may be granted to a person only once, regardless of the number of institutions attended.

6. Students are cautioned that many undergraduate professional curricula, graduate, and professional schools compute the undergraduate GPA over all credits attempted when considering applications for admission.
7. Also, academic renewal does not pertain to accumulated financial aid history. Accumulated semester and award limits include all semesters of enrollment.

### Audit Student Applicant

As an alternative to full participation in a credit course, students may audit the course. Audit students do not receive grades and do not usually participate in examinations; however, instructors have the option of establishing requirements for a satisfactory audit. Students are not permitted to audit courses numbered above 400.

#### Guidelines

1. **Audit as Credit Student**—Students choosing this option must be admitted to Samford either as a Regular or Special Status Student. Students should enroll in the course to be audited using registration procedures and paying the same tuition as regular enrollees. Provided the instructor's requirements are met, the course will appear on the credit transcript with the notation AU and zero credits. If these requirements are not met, a W will be entered on the transcript.
2. **From a Grading/Credit Basis to an Audit Basis**—A student can change from a grading basis to an audit basis any time prior to the deadline for withdrawing from a class without academic penalty. There will be no financial refunds made as a result of change in grading basis.
3. **From an Audit Basis to a Grading/Credit Basis**—An audit student may not receive regular credit for a course begun as an audit, unless the change is made by the last day to add a course for the semester or term.

## Readmission Student Applicant

### Former Samford Students in Good Standing

Former students desiring to return to Samford University after attending another college must file a readmission transfer application. An official transcript from each college attended is required. The \$35 application fee is not required.

Former students who have been out of the university for more than one year and have not attended another institution in that year must file a readmission application. The \$35 application fee is waived.

### Former Samford Students on Academic Dismissal

Former students on academic dismissal may be considered for readmission after an absence of at least one semester. If a student attends another institution during that absence, Samford will not accept those transfer credits. An application for readmission is available in the Office of Admission and should be completed six weeks prior to the beginning of the semester/term the student would like to return. The application fee is waived. The completed application and a letter requesting consideration are required. The letter should contain:

1. Student's evaluation of previous academic performance, including an analysis of what factors led to his/her dismissal.
2. Reassessment of career and educational goals.
3. Explanation of readiness to resume a college program, including specific steps taken to improve chances for doing well academically.
4. Description of activities during absence from Samford, such as work, marriage, military service, etc.
5. Written essay on what the student has learned about him/her self.

The Admission Office will submit the student's application and letter to the Readmission Committee for review and decision. Notification of readmittance will be sent by mail.

If the student is approved for readmittance, the student must contact the Office of Dean of Academic Services and Registrar (205-726-2732) to make an appointment to review issues discussed in the reapplication petition. This must be done prior to registering for classes. Once the student has met with the dean of academic services and registrar, the registration hold will be cleared so that the student can register for courses.

### Former Samford Student on Indefinite Academic Dismissal

Former students on indefinite academic dismissal may appeal for readmission consideration after an absence of one year. The process is the same as for the first academic dismissal mentioned above.

### Special Status Student Applicant

See Metro Programs, Admission Procedures for the Adult Degree Program.

### Transient Student Applicant

Transient students are students who are regularly enrolled in other colleges and universities yet desire to take courses at Samford. A transient student must submit a transient application and have all coursework authorized by the student's primary institution. The application form is available in the Office of Admission.

For courses taught at schools participating in the Birmingham area Inter-Campus Exchange Program—BACHE—see the University-Wide Academic Opportunities section of this catalog.

Currently enrolled Samford students who take one or more classes at another institution are considered transient students at that college/university. See the Transfer Policies section on p. 29 for more information.

## Credit by Examination Policies

### Advanced Placement

Subject	Samford Course Title (if applicable)	Min Score	Credit
Art History	Elective credit	3	3
Art, Studio: Drawing	ART 221 Drawing I	3	3
Art, Studio: 2D	Elective credit	3	3
Art, Studio: 3D	Elective credit	3	3
Biology	BIOL 105 Principles of Biology	3	4
Chemistry	CHEM 205 Foundations of Chem AND CHEM 206 Foundations of Chem Lab	4	5
Computer Science A	COSC 110 Intro to Programming	4	4
Computer Science AB	COSC 110 Intro to Programming	3	4
Computer Science AB	COSC 110 Intro to Programming AND COSC 210 Data Structures/Algorithms	4	8
Economics: Macro	ECON 201 Principles-Macroeconomics	3	4
Economics: Micro	ECON 202 Principles-Microeconomics	3	3
English Lang/Comp*	UCCA 101 Communication Arts I	4	4
English Lit/Comp*	UCCA 101 Communication Arts I	4	4
Environmental Science	BIOL 107 Contemporary Biology	3	4
French Language	FREN 102 Elementary French II	3	4
French Language**	FREN 201 Intermediate French I AND FREN 202 Intermediate French II	4	8
French Literature	FREN 302 Conv/Comp/Reading (Fren)	4	4
German Language	GER 102 Elementary German II	3	4
German Language**	GER 201 Intermediate German I AND GER 202 Intermediate German II	4	8
German Literature	GER 302 Conv/Comp/Reading (Ger)	4	4
Govt/Pol (American)	POLS 205 Intro to American Politics	4	4
Govt/Pol (Comp)	Elective credit	4	4
History: European	HIST 200 The West-Global Perspective	4	4
History: U.S.	HIST 218 Modern America since 1865	4	4
History: World	HIST 200 The West-Global Perspective	5	4
Human Geography	no credit	-	-
Latin: Vergil	LATN 102 Elementary Latin II	3	4
Latin: Vergil**	LATN 201 Intermediate Latin I AND LATN 202 Intermediate Latin II	4	8
Latin Literature	LATN 202 Intermediate Latin II	3	4
Math: Calculus AB	MATH 240 Calculus I	3	4
Math: Calculus BC	MATH 240 Calculus I AND MATH 260 Calculus II	3	8
Math: Calculus BC AB Subgrade	MATH 240 Calculus I	3	4
Math, Statistics	MATH 210 Elementary Statistics	3	4
Music, Listening/Lit***	MUSC 200 Music Appreciation	3	2
Music, Theory †	MUSC 1510 Theory I	3	3
Physics B	PHYS 100 Physics for Society OR PHYS 101 General Physics I	3	4
Physics C	no credit	-	-
Psychology	PSYC 101 General Psychology	4	4
Spanish Language	SPAN 102 Elementary Spanish II	3	4
Spanish Language**	SPAN 201 Intermediate Spanish I AND SPAN 202 Intermediate Spanish II	4	8
Spanish Literature	SPAN 302 Conv/Comp/Reading (Span)	4	4

\* Students who successfully meet the minimum score for both Advanced Placement English Literature & Comp and English Language & Comp can receive credit for UCCA 101 plus 4 credit hours of general elective credit.

\*\* Students who successfully meet the minimum score (4) for French, German, Latin, or Spanish language at the **intermediate** level, receive a maximum of 8 credits for 201-202 and do not receive an additional 4 credits for exceeding the expectations of the 102 **elementary** level.

\*\*\* (200) for a nonmajor and (3400) for a major.

† The Division of Music will allow Music Theory as AP credit **after** the student has been evaluated regarding that subject at Samford University.

## College-Level Examination Program (CLEP)

College-level credit is awarded for scores of 50 or higher in most subject areas; however, students should consult with their advisors or the Office of Student Records before scheduling any CLEP examinations. CLEP credit is not acceptable for University Core Curriculum courses.

CLEP Examination	Samford Course Title (if applicable)	Min Score	Credit
Accounting/Principles	ACCT 211 Accounting Concepts I	50	3
Biology	BIOL 105 Principles of Biology	50	4
Business Law, Intro	BUSA 252 Legal Environmt of Business	50	3
Chemistry	CHEM 205 Foundations of Chem AND CHEM 206 Foundations of Chem Lab	50	5
Econ: Macro/Prin	ECON 201 Principles-Macroeconomics	50	4
Econ: Micro/Prin	ECON 202 Principles-Microeconomics	50	3
Engl: American Lit	no credit	-	-
Engl: Analysis/Inter Lit	no credit	-	-
Engl: Comp (opt essay)	no credit	-	-
Engl: Comp, Freshmen	no credit	-	-
Engl: English Lit	no credit	-	-
French, Level 1*	FREN 102 Elementary French II	50	4
French, Level 2*	FREN 201 Intermediate French I AND FREN 202 Intermediate French II	62	8
German, Level 1*	GER 102 Elementary German II	50	4
German, Level 2*	GER 201 Intermediate German I AND GER 202 Intermediate German II	63	8
Govt: American	no credit	-	-
Hist: US I (to 1877)	no credit	-	-
Hist: US II (1865-Pres)	no credit	-	-
Hist: Western Civ I	no credit	-	-
Hist: Western Civ II	no credit	-	-
Human Growth/Dev	no credit	-	-
Humanities	Elective credit	50	4
Info Syst/Comp Appl	no credit	-	-
Mangmnt/Principles	no credit	-	-
Marketing/Principles	no credit	-	-
Math: Algebra	Elective credit	50	4
Math: Precalculus	MATH 150 Precalculus	50	4
Math: Calc/Elem Func	MATH 240 Calculus I	50	4
Math: College Math	Elective credit	50	4
Math: Trigonometry	Elective credit	50	4
Natural Sciences	Elective credit	50	4
Psych: Educ Psyc, Int	no credit	-	-
Psych: Introduction	PSYC 101 General Psychology	50	4
Social Sciences/Hist	no credit	-	-
Sociology, Intro	SOCI 100 Introduction to Sociology	50	4
Spanish, Level 1*	SPAN 102 Elementary Spanish II	50	4
Spanish, Level 2*	SPAN 201 Intermediate Spanish I AND SPAN 202 Intermediate Spanish II	63	8

\* Students who score a minimum of 50 on French, German, or Spanish CLEP tests receive a maximum of four (4) credits at the **elementary level** (102); students who score 62 (French), 63 (German), or 63 (Spanish), or higher receive a maximum of eight (8) credits at the **intermediate level** (201-202). No more than 8 credits are awarded for the language CLEP test. No credit is given for FREN/GER/SPAN 101.

## International Baccalaureate

Samford University recognizes the quality of the International Baccalaureate (IB) Program and welcomes application for admission from students who have taken coursework in the IB program. Credit is given for the IB Higher Level Examinations passed with grades of 5, 6, or 7. No credit is given for the IB Subsidiary Examinations. In cases of ambiguity, the dean of Howard College of Arts and Sciences, in consultation with the Office of Student Records, will determine the credit to be awarded.

Subject	Samford Course Title (if applicable)	Min Score	Credit
Biology	BIOL 105 Principles of Biology	5	4
Chemistry	CHEM 205 Foundations of Chemistry CHEM 206 Foundations of Chem Lab	6	5
English A1	UCCA 101 Communication Arts I	5	4
Geography	Elective credit	5	3
Geography	Elective credit	6	4
History Asia/OCE	Elective credit	5	3
History Asia/OCE	Elective credit	6	4
History: Americas	Elective credit	5	3
History: Americas	Elective credit	6	4
History: Europe	Elective credit	5	3
History: Europe	Elective credit	6	4
Mathematics Level SL	MATH 240 Calculus I	6	4
Physics	PHYS 100 Physics for Society	5	4

### Credit Limitations

The aggregate of credit earned in dual enrollment, extension, correspondence, portfolio (available through Metro Programs only), AP (Advanced Placement), and CLEP may not exceed 30 credits. At least 50 percent of the credit in each degree program must be earned from Samford, with none of the credit mentioned in the previous sentence counting toward this residency requirement. Also, a minimum of 15 credits in the major field (with nine at the 300–400 level) must be taken at Samford. For a minor, a minimum of nine credits in the minor field (with six at the 300–400 level) must be taken at Samford.

## Graduate

### Admission Procedures and Policies

Refer to the academic departments/schools sections of this catalog and/or publications from the individual departments or schools offering graduate degrees. More information may be found at Samford University's Web site: [www.samford.edu](http://www.samford.edu).

## Colleges/Schools and Departments

### Howard College of Arts and Sciences

#### Undergraduate

Biological and Environmental Sciences  
 Chemistry and Biochemistry  
 Classics  
 Communication Studies  
 English  
 Geography  
 History  
 Journalism and Mass Communication  
 Mathematics and Computer Science  
 Philosophy  
 Physics  
 Political Science  
 Psychology  
 Religion  
 Sociology  
 World Languages and Cultures

**Graduate** - Biological and Environmental Sciences

### Brock School of Business

#### Undergraduate

Accounting and Management Information Systems  
 Economics, Finance, and Quantitative Analysis  
 Entrepreneurship, Management, and Marketing

### Brock School of Business

#### Graduate

Accountancy  
 Business Administration

### Beeson School of Divinity

#### Graduate

Divinity  
 Theological Studies

**Doctoral** - Ministry

**Extension Division**

### Orlean Bullard Beeson School of Education and Professional Studies

#### Undergraduate

Exercise Science and Sports Medicine  
 Family Studies  
 Interior Design  
 Metro Programs  
 Teacher Education

**Graduate** - Education

**Doctoral** - Education

**Noncredit/Continuing Education**

Samford After Sundown

### Cumberland School of Law

### Ida V. Moffett School of Nursing

**Undergraduate** - Nursing

**Graduate**

Nurse Anesthesia  
 Nursing

**Doctoral** - Nursing

### School of the Arts

**Undergraduate**

Art  
 Music  
 Theatre and Dance

**Graduate**

Music  
 Music Education

### McWhorter School of Pharmacy

**Undergraduate** - Pre-Pharmacy

**Professional** - Pharmacy

## Majors and Undergraduate Degrees Offered\*

### Associate of Science (A.S.)\*\*

(Metro Programs only)

#### Concentrations

Administrative/Community Services

### Bachelor of Arts (B.A.)

#### Majors

Classics  
 Communication Studies  
 English  
 English with a Concentration in Film Studies  
 Family Studies  
 Family Studies with a Concentration in  
 Child Development Education  
 Fine Arts  
 Fine Arts with a Concentration in Graphic Design  
 French  
 German  
 Greek  
 History  
 Interior Design  
 Journalism and Mass Communication with  
 Concentrations in Advertising, Broadcast and  
 Electronic Journalism, Print Journalism, Public  
 Relations  
 Latin  
 Music  
 Philosophy  
 Philosophy and Religion  
 Physics  
 Political Science  
 Psychology  
 Religion  
 Religion with a Concentration in  
 Congregational Studies  
 Sociology  
 Spanish  
 Theatre  
 World Language and Literature (French, German,  
 and/or Spanish)

### Bachelor of Fine Arts (B.F.A.)

Musical Theatre

### Bachelor of Arts (B.A.)

Interdisciplinary Concentrations

Asian Studies  
 International Relations  
 Language and World Trade (with a specialty in  
 French, German, Spanish or World Languages)  
 Latin American Studies  
 Public Administration

### Bachelor of Music (B.M.)†

#### Majors

Church Music  
 Performance (Instrumental Music, Organ, Piano,  
 Piano with Pedagogy Emphasis, Voice)  
 Theory/Composition

### Bachelor of Music Education (B.M.E.)†

#### Majors

Music with Concentrations in  
 Instrumental Music, Vocal/Choral Music

### Bachelor of Science (B.S.)

#### Majors

Athletic Training (Non-Teaching)  
 Biochemistry  
 Biology  
 Chemistry  
 Computer Science  
 Engineering and Mathematics (Dual-Degree)\*\*\*  
 Engineering and Physics (Dual-Degree)\*\*\*  
 Engineering Physics  
 Environmental Science  
 Exercise Science (Pre-Physical Therapy)  
 Fine Arts  
 Fine Arts with a Concentration in Graphic Design  
 Fitness and Health Promotion  
 Geography  
 Marine Science  
 Mathematics  
 Music  
 Nutrition and Dietetics  
 Physics  
 Sport Administration  
 Sports Medicine

### Bachelor of Science in

Business Administration (B.S.B.A.)

#### Majors

Accounting  
 Economics  
 Entrepreneurship  
 Finance  
 Management  
 Marketing

**Concentrations (in combination with any  
 business major above)**

International Business, Social Entrepreneurship

### Bachelor of Science

in Education (B.S.E.)†

#### Majors

Early Childhood/Special Education/  
 Elementary/Collaborative Teacher  
 English/Language Arts  
 History/Social Science  
 Physical Education  
 Physical Education with Athletic Training Option  
 Secondary Education  
 P-12 Education  
 Teacher Education††

### Bachelor of Science in

Interdisciplinary Studies (B.S.I.S.)

(Metro Programs only)

#### Concentrations

Administrative/Community Services  
 Counseling Foundations  
 Liberal Studies  
 Manager and Leadership Development

### Bachelor of Science in Nursing (B.S.N.)†

#### Majors

Nursing  
 Nursing (Second Degree B.S.N. in Five-Semester  
 and 15-Month Accelerated Versions)

\* An overview of degree requirements is listed on the following pages. Students should consult the appropriate dean for curriculum details of degree requirements.

\*\* A minimum of 64 credits must be successfully completed. See Metro Programs for details.

\*\*\* The student will receive the bachelor of science in mathematics or physics, depending on the track selected, from Samford, and the bachelor of engineering degree from the university of the participating engineering school.

† This is a professional degree. Students must complete a closely prescribed course of study varying in duration and in the number of credits required. Students should consult the appropriate dean for curriculum details of degree requirements.

†† See the Orlean Bullard Beeson School of Education and Professional Studies section of this catalog for details on teacher certification in a major.

## Minors and Certificates Offered\*

<b>Minors</b> Aerospace Studies Art Bioinformatics* Biology Chemistry Christianity, Women, and Leadership Studies Classics Communication Studies Computer Science Dance Economics** English Family Studies French General Business** Geography (Traditional)	Geography (Certificate in Geographic Information Science) German Greek History Journalism and Mass Communication Latin Marine Science Mathematics Ministry and Missions Missions Education*** Music Nutrition and Dietetics Philosophy Physics Political Science Psychology	Religion Social Entrepreneurship & Non-Profit Management** Sociology Spanish Theatre World Languages and Cultures Writing  <b>Interdisciplinary Minors</b> Asian Studies Film Production Latin American Studies The Arts  <b>Certificates</b> Paralegal
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\* This minor available in three versions, depending on the student's major. See pp. 67 and 92.

\*\* This minor is not available to Brock School of Business majors.

\*\*\* The minor in missions education is available only to students earning a teaching certificate.

Note: A minor or cognate is required in the following degree programs (for all other programs, a minor is optional):

B.A. with a major in French, German, or Spanish language and literature (one language)

B.A. with a major in journalism and mass communication

B.A. with a major in interior design (requires art minor, which is incorporated into the degree itself; see p. 158)

## Graduate and Professional Degrees Offered\*

<b>Biology/Environmental Management (Arts and Sciences)</b> Master of Science in Environmental Management (M.S.E.M.)**  <b>Business</b> Professional Accountancy (B.S.B.A./M.Acc.) Master of Accountancy (M.Acc.) Master of Business Administration (M.B.A.)**  <b>Divinity</b> Master of Divinity (M.Div.)** Majors: Divinity, Divinity with Emphasis in Church Music Master of Theological Studies (M.T.S.) Doctor of Ministry (D.Min.)**  <b>Education</b> Master of Science in Education (M.S.E.) Majors: Early Childhood Education, Elementary Education, Fifth-Year Non-Traditional (Early Childhood & Elementary Education), Gifted Education, Instructional Leadership, Secondary Collaborative Educational Specialist (Ed.S.)** Majors: Early Childhood Education, Elementary Education, Educational Administration Doctor of Education in Educational Leadership (Ed.D.)	<b>Law</b> Juris Doctor (J.D.)** Master of Comparative Law (M.C.L.)**  <b>Music (School of the Arts) †</b> Master of Music (M.M.)** Majors: Church Music, Piano Performance/Pedagogy Master of Music Education (M.M.E.)** Majors: Music (Patterns: Traditional, Fifth-Year Non-Traditional)  <b>Nursing</b> Master of Science in Nursing (M.S.N.)** Majors: Nurse Anesthesia, Nursing (Tracks: Family Nurse Practitioner, Nurse Educator, Nurse Manager) Doctor of Nursing Practice (D.N.P.)** Majors: Academic Educator, Administration, Advanced Practice  <b>Pharmacy</b> Doctor of Pharmacy (Pharm.D.)**
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\* Specific descriptions and requirements for the various graduate degrees are described in academic department sections of this catalog and/or publications from individual departments or schools offering graduate degrees.

\*\* This is a professional degree. Students must complete a closely prescribed course of study varying in duration and in the number of credits required. Consult the appropriate dean for details.

## Graduate Joint Degrees Offered†

<b>Biology/Environmental Management (Arts and Sciences)</b> Master of Science in Environmental Management/Juris Doctor (M.S.E.M./J.D.)  <b>Business</b> Professional Accountancy (B.S.B.A./M.Acc.) Master of Accountancy/Juris Doctor (M.Acc./J.D.) Master of Business Administration/Juris Doctor (M.B.A./J.D.) Master of Business Administration/Master of Accountancy (M.B.A./M.Acc.) Master of Business Administration/Master of Divinity (M.B.A./M.Div.) Master of Business Administration/Master of Science in Nursing (M.B.A./M.S.N.)  <b>Divinity</b> Master of Divinity/Juris Doctor (M.Div./J.D.) Master of Divinity/Master of Business Administration (M.Div./M.B.A.) Master of Divinity/Master of Music (M.Div./M.M.) Master of Divinity/Master of Science in Education (M.Div./M.S.E.) Master of Theological Studies/Juris Doctor (M.T.S./J.D.)	<b>Education</b> Master of Science in Education/Master of Divinity (M.S.E./M.Div.)  <b>Law</b> Juris Doctor/Master of Accountancy (J.D./M.Acc.) Juris Doctor/Master of Business Administration (J.D./M.B.A.) Juris Doctor/Master of Divinity (J.D./M.Div.) Juris Doctor/Master of Public Administration (J.D./M.P.A.)†† Juris Doctor/Master of Public Health (J.D./M.P.H.)†† Juris Doctor/Master of Science in Environmental Management (J.D./M.S.E.M.) Juris Doctor/Master of Theological Studies (J.D./M.T.S.)  <b>Nursing</b> Master of Science in Nursing/Master of Business Administration (M.S.N./M.B.A.)  <b>Music (School of the Arts)</b> Master of Music/Master of Divinity (M.M./M.Div.)
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† Specific descriptions and requirements for the various graduate degrees are described in academic department sections of this catalog and/or publications from individual departments or schools offering graduate degrees.

†† In cooperation with the University of Alabama at Birmingham.

# Academic Policies and Regulations



## Areas of Study - Brief Definitions

**Concentration**—A study in one area, not large enough to be considered a major, but preferably in a subject that enhances the major and academic experience.

**Curriculum**—A set of courses constituting an area of specialization.

**Earned Credits**—Those credits that accumulate based on successful completion of coursework (excluding repeated courses). Most undergraduate degrees require a minimum of 128 earned credits. Earned credits may be different than quality credits, which are used to compute the grade point average.

**General Education Courses**—Required courses that provide the foundation for more specialized courses in a major.

**Grade Point Average (GPA)**—The number of quality points earned divided by the number of quality credits. Sometimes known as Quality-Point Average (QPA).

**Honors Curriculum**—Advanced academic track for students who meet specific academic requirements. (See the University Honors Program/Honors Curriculum section of this catalog.)

**Interdisciplinary**—Curriculum requiring credits in two different subjects.

**Major**—The subject in which a student concentrates most of his/her studies, following a set course curriculum, usually 30 to 60 credits for a bachelor's degree. Each student should declare a major by the junior year and file it with Office of Student Records.

**Minor**—A focus of study in a subject, on average 18 credits. A minor is not required in all majors.

**Problem-Based Learning (PBL)**—A teaching method in which problems serve as the context and stimulus for learning.

**Quality Credits**—Each course is assigned a number of credits that a student can earn toward a degree if the course is completed successfully. Quality credits are divided into the number of quality points earned to obtain a student's grade point average (GPA). For a few courses, students only earn credits instead of quality credits, i.e. pass/fail courses, and these are not included in the GPA calculation.

**Repeats**—A course may be repeated in an attempt to earn a higher grade; however, credits for the course do not accumulate. See Course Repeats in the Grading System Guidelines and Policies section.

**Undeclared Major**—Students working toward a bachelor's degree are not required to declare a major during their freshman and sophomore years.

**University Core Curriculum**—Six required courses for all undergraduate students. (See University Core Curriculum in this section.)

**Upper-Level**—Coursework at the 300/400 level. Forty (40) credits in upper-level courses are required for a bachelor's degree.

# Undergraduate Degree Requirements

## Associate Degree Requirements

See Metro Programs-Adult Degree Programs for requirements.

## Bachelor's Degree Requirements

### Total Credits

A minimum of 128 credits must be successfully completed for the typical bachelor's degree. (Note: Some programs require more than 128 credits to complete the degree.) Not more than eight (8) credits in music ensembles, drama participation, and physical education activity courses may apply toward the minimum of 128 credits required for graduation. No more than two (2) credits in physical education activity courses beyond those required for graduation may be part of the combined eight credits. *In order to receive a first bachelor's degree, students must earn at least 50 percent of their total credits from Samford. At least 40 credits must be earned in junior-level and senior-level courses.*

A second bachelor's degree requires at least 32 additional credits and completion of all curricular requirements for the second degree.

### Majors/Concentrations

Students are required to earn at least 50 percent of the credit for a first undergraduate degree in each degree program from Samford. Also, a minimum of 15 credits in the major field (with nine at the 300–400 level) must be earned at Samford. Each bachelor degree student must declare a major by the junior year. This information must be on file in the Office of Student Records. Students desiring to change a declared major must do so at the beginning of the registration periods for each semester or term. An undeclared major is acceptable for the freshman and sophomore years. In addition to a major, a specialized curriculum in pre-law or pre-medicine may be followed. See Pre-Law Advising or Health Professions Program in the University-Wide Academic Opportunities section of this catalog.

### Double Majors/Dual Degrees

Students may add a second major to their current academic program. However, the second major must be within their chosen school/college to qualify as a double major. If a student chooses a second major outside their college/school, this is considered a dual degree, not a double major. In either case, students must meet general education requirements for the second major or second degree if they are different from that for the initial academic program.

### Minors

For a minor, at least 18 credits as prescribed must be taken. A minimum of nine credits in the minor field (with six at the 300–400 level) must be earned at Samford. A minor is not required in all majors; however, a student is encouraged to consult with his/her academic advisor to determine whether a minor or some selection or concentration of courses might enhance the academic experience.

### Grade Point Average (GPA)

A grade point average of 2.00 in the Samford University (SU) average (calculated on all work taken at Samford) is required. Consult departmental listings for specific major course requirements, number of required credits, and grade point averages to achieve. A student must have at least a 2.00 GPA in both the major and minor fields.

### Writing Proficiency Requirement

Samford University considers the development of students' writing proficiency an important objective. All students must complete Communication Arts II (UCA 102) at Samford (or transfer an equivalent course) with a grade of C- or better.

### Synopsis of Undergraduate Degree Requirements and Normal Completion Times

Degree	Minimum Requirements (Credit Hours)	Normal Completion Times
Associate of Science	64	3 years part-time
Baccalaureate degrees	128	4 years full-time
Bachelor of Science in Interdisciplinary Studies	128	6 years part-time

#### Convocation Requirement

Campuswide Convocation Programs for faculty, staff, and students are held regularly during the fall and spring semesters. Beginning with the 2007-2008 entering class, students must acquire 60 Convocation credits to graduate, with no more than 15 credits in any one category. Credits may be earned in the following categories: Academic Lecture, Christian Faith Development, Culture and Arts, Personal and Professional Growth, and Faith-based Service. For transfer students, the number of credits required is prorated, and students transferring more than 15 academic credits are exempt from category limitations. Students acquire Convocation credits by attending approved events and having their ID cards scanned at the conclusion of each event.

#### Physical Activity Course Requirements

Most programs require one or two different physical activity course(s) in addition to UCFH 120 (Concepts of Fitness and Health). Students with physical disabilities may consult the chair of the Department of Exercise Science and Sports Medicine to determine how to fulfill this requirement. If PHED 138 (Water Safety Instructor Course) is passed, the successful completion of UCFH 120 will fulfill the student's physical education requirement. One semester of ROTC, marching band (MUSC 1739 or 3739), or dance (DANC 100, 101, 102, 201, 202, 211, 212, 301, or 302) may substitute for one physical activity credit.

In order to meet the general education physical activity requirement, a student may register and receive credit only once for the same activity course, with the exception of student-athletes participating in NCAA varsity sports. Student-athletes may count a single varsity sport up to three times, once for the general education requirement and twice for general electives that count toward the overall 128 credits in the standard degree, provided that degree allows for general electives. For majors that require no physical education activity courses, students may apply a maximum of two (2) different activity credits as general electives towards the total credits required to earn a degree.

### Additional Bachelor's Degrees

In order to receive an additional bachelor's degree, a student who has already received a bachelor's degree must complete a minimum of 32 credits at Samford, including satisfaction of the University core curriculum, general education, GPA requirements, and four credits of religion (if a transfer student) beyond the first degree.

All additional curricular and minimum GPA requirements of the second degree must be met.

### University Core Curriculum and General Education Requirements

The University Core and General Education curricula are designed to provide an academic foundation for work toward the major field of study and should be completed as early as possible. All freshmen are required to take the University Core Curriculum at Samford (22 credits)\*. All students should be registered for Cultural Perspectives I (UCCP 101) in their first semester at Samford. They should also register for Communication Arts I (UCCA 101) or Communication Arts II (UCCA 102), depending on their placement.\*\* Students should consult their academic advisors for recommended scheduling.

Additional courses in general education are also required to provide the foundation for the more specialized courses in the major. In some cases the particular course required to satisfy a general education requirement is specified by the major. Students should consult the section of the catalog that describes the major under consideration to learn about these special requirements.

\* Core curriculum requirements cannot be met through transient enrollment.

\*\* Placement into UCCA 102, bypassing the requirement to complete UCCA 101, does not exempt students from the minimum number of hours required for their chosen degree program (usually 128). These students may need to complete an additional four hours of a General Elective.

### University Core Curriculum Courses (22 credits)

#### UCBP 101 Biblical Perspectives I (4)

Examination of historical context and religious teachings of Hebrew and Christian Scriptures. Cultivation of critical competencies necessary for the academic study of traditional texts. Course objectives include an understanding of the historical context in which the Bible took shape; appreciation of the development of religious thought within the biblical period; examination of how biblical teachings have been and are interpreted and applied; and study of the Bible, using a variety of modern critical methods. Offered: Every semester.

#### UCCA 101 Communication Arts I (4)

Introductory course in communication, emphasizing guided practice in speaking, listening, reading, and writing. Students gain proficiency in the use of library resources and in foundational computing skills. Students must write a minimum of four essays that are revised through multiple drafts and carefully edited before submission. They also must make at least three oral presentations during the course. Students must pass this course with a grade of C- or better to advance to UCCA 102.

#### UCCA 102 Communication Arts II (4)

Continuation of UCCA 101 with additional guided practice in speaking, listening, reading, and writing. Special emphasis placed on research-based writing and argumentation. Students must write a minimum of four essays that are revised through multiple drafts and carefully edited before submission. They also must make at least three oral presentations during the course. Prereq: Grade of C- or better in UCCA 101. Students must pass this course with a grade of C- or better.

#### UCCP 101 Cultural Perspectives I (4)

First in a two-semester sequence that examines the Western intellectual tradition within a global context. Through interdisciplinary study, students increase their awareness of the cultural, historical, literary, philosophical, and religious influences upon the development of civilizations.

#### UCCP 102 Cultural Perspectives II (4)

Second in a two-semester sequence that examines the Western intellectual tradition within a global context. Through interdisciplinary study, students increase their awareness of the cultural, historical, literary, philosophical, and religious influences upon the development of civilizations.

#### UCFH 120 Concepts of Fitness and Health (2)

Physical fitness course, with emphasis on exercises that develop cardiorespiratory, muscular, and flexibility fitness. All aspects of fitness, such as principles of aerobic fitness, nutrition, flexibility, strength training, common fitness injuries, and weight control and body composition are discussed and applied. Students with physical disabilities may consult the ESSM department chair for special consideration.

### Graduate Degree Requirements

Refer to the academic departments/schools sections of this catalog and/or publications from the individual departments or schools offering graduate degrees. More information may be found at Samford University's Web site: [www.samford.edu](http://www.samford.edu).



# Academic Regulations

*Students are expected to know regulations and policies found in this catalog and the Student Handbook. Keeping abreast of the school calendar, critical deadlines, and all University mail received in one's University mailbox and/or electronic mail is also the student's responsibility*

## Undergraduate Academic Achievement Recognition

### Honors Curriculum - University Honors Program

For more information about the University Honors Program, see Honors Curriculum in the University-Wide Academic Opportunities section of this catalog.

### Dean's List

At the end of each semester, a Dean's List is compiled consisting of undergraduate students who have earned a grade point average of at least 3.50 while completing at least 12 quality credits in that semester at Samford.

### Graduation with Honors

Honors are awarded on the basis of all academic work taken at Samford University. Students who earn at least 90 credits at Samford and a grade point average (calculated on all work done at Samford University) of 3.500 through 3.749 are graduated *cum laude*; of 3.750 through 3.899 are graduated *magna cum laude*; and of 3.900 through 4.000 are graduated *summa cum laude*.

### Honor Organizations

#### University-Wide

Alpha Lambda Delta  
Omicron Delta Kappa  
Phi Kappa Phi  
Alpha Epsilon Delta (Pre-Med)

#### Howard College of Arts and Sciences

Biology – Beta Beta Beta  
Communication Studies – Lambda Pi Eta  
English – Sigma Tau Delta  
History, Political Science  
Phi Alpha Theta  
Pi Gamma Mu  
Pi Sigma Alpha  
Journalism/Mass Communication  
Kappa Tau Alpha  
Mathematics – Pi Mu Epsilon  
Philosophy – Phi Sigma Tau  
Psychology – Psi Chi  
Religion – Theta Alpha Kappa  
Sociology – Alpha Kappa Delta  
World Languages and Cultures  
Pi Delta Phi (French)  
Delta Phi Alpha (German)  
Sigma Delta Pi (Spanish)

#### Brock School of Business

Beta Alpha Psi  
Beta Gamma Sigma  
Omicron Delta Epsilon (Economics)  
Mu Kappa Tau (Marketing)

#### Orlean Bullard Beeson School of Education and Professional Studies

Teacher Education  
Kappa Delta Epsilon  
Kappa Delta Pi  
Family and Consumer Education  
Kappa Omicron Nu

#### Ida V. Moffett School of Nursing

Sigma Theta Tau

#### School of the Arts

Alpha Psi Omega  
Phi Kappa Lambda

#### McWhorter School of Pharmacy

Rho Chi

#### Metro Programs

Alpha Sigma Lambda

### Class Honors Medals

Class Honors medals are awarded in the spring term to undergraduate students who have successfully completed at least 12 quality credits at Samford in the previous fall term with a Samford cumulative GPA of at least 3.75. The four Class Honors medals are:

Freshman Year:	Ruric E. Wheeler
Sophomore Year:	Seal
Junior Year:	Tower
Senior Year:	John Howard

A student may earn only one certificate or class honor medal each academic year. Students in their second year who have attained sophomore status be considered for a Seal Award, even if they have enough credits to be classified as a junior. Similarly, students in their third year who have attained junior status will be considered for a Tower Award, even if they have enough credits to be classified as a senior.

### Wheeler

Ruric Wheeler has been a faculty member and administrator at Samford University since 1953. He established a national reputation in mathematics through his textbook, *Modern Mathematics*, which has been used by generations of college students. In honoring this outstanding scholar, devoted teacher, and university leader, the Wheeler medal celebrates the pursuit of academic excellence in a Christian tradition.

### Seal

The University seal is inscribed with an oil lamp resting on an open book. The University motto, "Deo doctrinae aeternitati," appears above the lamp. The seal reminds us that God is the eternal source of light and truth, and that his wisdom is "a light unto our path."

### Tower

The Samford belltower has long served as the University logo. Inside the tower are the sixty bells of the Rushton Memorial Carillon, one of the largest in America. Just as the belltower makes Davis Library the focal point of the campus, the Tower medal is a reminder that knowledge and learning are at the center of university life.

### Howard

This medal bears the name of John Howard, an eighteenth century humanitarian who campaigned tirelessly for the improvement of prisons. His statue was the first to be placed in St. Paul's Cathedral in London, and it stands to this day in a place of honor near the pulpit. Howard's life symbolizes Christ's call of service to others.

## Academic Integrity

A degree from Samford University is evidence of achievement in scholarship and citizenship. Activities and attitudes should be consistent with high academic standards and Christian commitment and should be in keeping with the philosophy and mission of the University.

The Faculty Statement on Academic Dishonesty is as follows: students, upon enrollment, enter into voluntary association with Samford University. They must be willing to observe high standards of intellectual integrity; they must respect knowledge and practice academic honesty. Those who cheat on an examination or class assignment are not only academically dishonest, but also completely deficient in the scholarly maturity necessary to college study. Those detected in dishonesty are subject to severe punishment. The more dependence on cheating, the more inevitable becomes ultimate failure, often accompanied by public disgrace. Any act to obtain an unfair academic advantage is considered dishonest.

## Academic Renewal

Undergraduate students who have dropped out, withdrawn, or who have been suspended because of academic deficiencies but have demonstrated sufficient maturation may request to be enrolled as a candidate for academic renewal. (See Academic Renewal Applicant in the Undergraduate Admission Procedures and Policies section of this catalog for application procedures.)

## Audit Student Guidelines

As an alternative to full participation in a credit course, students may audit the course. Audit students do not receive grades and do not usually participate in examinations; however, instructors have the option of establishing requirements for a satisfactory audit. Students are not permitted to audit courses numbered above 400-level.

1. **Audit as Credit Student**—Students choosing this option must be admitted to Samford either as a Regular or Special Status Student. Students should enroll in the course to be audited using registration procedures and paying the same tuition as regular enrollees. Provided the instructor's requirements are met, the course will appear on the credit transcript with the notation AU and zero credits. If these requirements are not met, a W will be entered on the transcript.
2. **From a Grading/Credit Basis to an Audit Basis**—A student can change from a grading basis to an audit basis any time prior to the deadline for withdrawing from a class without academic penalty. There will be no financial refunds made as a result of change in grading basis.
3. **From an Audit Basis to a Grading/Credit Basis**—An audit student may not receive regular credit for a course begun as an audit, unless the change is made by the last day to add a course for the semester or term.

## Class Attendance

One of the most vital aspects of a residential university experience is attendance and punctuality in the classroom. The classroom is the place where each student contributes to the learning experience of his or her classmates; therefore, the value of the classroom academic experience cannot be fully measured by testing procedures alone. Class attendance policies are established by each school at the University, and specific attendance requirements are indicated in the syllabus of each class. Some students participate in institutional activities that require them to represent the University in scheduled events on and off campus. For activities of sufficient importance in the overall life of the University, excused absences are granted. A list of activities qualifying for excused absences is maintained by the Office of the Provost. An excused absence does not relieve a student of responsibility for the academic work in the class missed. However, students may not be penalized for such absences and must be given the opportunity to make up missed work. Students are responsible for informing their professors, in advance, of the class dates that will be missed because of these activities. Practice and/or preparation for these activities would not be a valid reason to miss class. *Ultimately, each student bears the responsibility to be aware of and to comply with attendance and punctuality requirements.*

## Class Registration and Policies

### Class Load for Undergraduates

A normal class load for undergraduate day students during fall and spring semesters is 16 undergraduate credits. Permission from the school dean must be secured to register for more than 18 credits. Under no circumstances may an undergraduate day student register for more than 21 credits in any semester, regardless of session length, location, or method of delivery.

The normal class load in each summer term is two courses. The maximum credit allowable in any summer term is eight. The maximum credit allowable for two summer terms is 16. The maximum class load allowed in Jan Term is two courses, not to exceed a total of five credits unless the school dean approves an overload. Metro Programs students are limited to six credits per session without the dean's approval.

## Student Classifications

Undergraduate students are classified as follows:

- Freshman** - A student who has earned fewer than 32 credits.
- Sophomore** - A student who has earned at least 32 credits, but fewer than 64.
- Junior** - A student who has earned at least 64 credits, but fewer than 96.
- Senior** - A student who has earned at least 96 credits.
- Full-time student** - One who is enrolled for at least 12 credits in a semester or six credits in a summer term.

## University Core Curriculum and General Education Requirements

All freshmen are required to take the University Core Curriculum at Samford. All students should be registered for Cultural Perspectives (UCCP101) in their first semester at Samford. They should also register for Communication Arts I (UCCA101) or Communication Arts II (UCCA102), depending on their placement. Students should consult their academic advisors for recommended scheduling.

## Cross Registration

Graduate, professional, divinity, and law students may not register for courses in the other academic divisions without permission of the academic deans in both areas. Additional tuition may be incurred; payment is due the day the charges are incurred.

## Commencement

### Graduation Requirements

*It is the responsibility of the student to see that all graduation requirements are met.* A student is required to meet all requirements for graduation as set forth in the *Samford University Catalog* (or, if more up-to-date, any school/departmental official publications) in effect at the time of entrance into the major, assuming that there is no interruption in enrollment other than for stated vacation periods. Later changes in the requirements for graduation are not applicable to students who proceed through their chosen program in a timely fashion.

Students whose enrollment has been interrupted are to follow the requirements for graduation as set forth in the catalog (or, if more up-to-date, any school/departmental official publications) in effect at the time of readmission to a major program of study.

If the University changes requirements for graduation after the entry of a student into a program, and if those changes better meet the goals of the student, the student may petition the dean of the appropriate school to be allowed to qualify for graduation by meeting the newer requirements. If approved, the student will meet all requirements for graduation set forth in the later catalog. In no case may a student qualify for graduation by meeting various requirements set forth in two different catalogs.

### Graduation Attendance

Commencement exercises are held at the end of the fall semester and at the end of the spring semester. All candidates completing degree requirements are required to be present at the commencement events, except that attendance at the fall commencement is optional for those having completed degree requirements the previous August.

Undergraduate students who lack eight course credits or fewer (three course credits or fewer for graduate students) toward degree requirements may petition the dean of academic services to march with their class at commencement. Such students must file an approved request outlining their plans to complete the missing course requirements. A form for this purpose is available in the Office of Student Records.

This policy does not apply to students who have not completed UCCA 102 with a C- or better. Also, this policy does not apply to undergraduate students who lack five or more convocation credits. Students who lack four convocation credits or fewer toward degree requirements may petition to march with their class at commencement. Such students must file an approved request form, which is available in the Office of the University Minister.

Students who have a Values Violation pending or have not completed the sanctions given by the Values Advocate or a Values Council will not be allowed to participate in graduation activities, including commencement exercises.

## Elective Withdrawal

### Course Withdrawal and Dropping a Course

A student may drop a course without a grade of W (withdrawn) or academic penalty up through the last day to drop a course(s) without financial penalty. Students can drop a course online through the Samford Portal up through this deadline. (See the Academic Calendar section of this catalog for date.)

A student may withdraw from a course **after** the last day to drop a course without financial penalty and up through the date to “withdraw from a course without academic penalty,” but will receive a grade of W. If the course is dropped after the date to “withdraw from a course without academic penalty,” the student will receive a grade of WF.

The date of the course withdrawal will be the date the official Schedule Change Form is returned to the Office of Student Records. Students can obtain the Schedule Change Form from the Student Records Forms page: <http://www.samford.edu/groups/sturec/forms.html>

If a student discontinues attending a course after the “last day to add or drop a course” without notifying the Office of Student Records in writing or exceeds the maximum absences allowed in a course, a grade of FA will be entered on the student’s record with the same penalty as a grade of F.

### School Withdrawal

A student desiring to withdraw from the University at any time must secure an official Withdrawal Request Form from the Office of Student Records. The official date of withdrawal will be the date this form is returned to the Office of Student Records. If a student leaves the University without completing this process, the permanent record will show a grade of FA in all courses for that semester/term. Students can obtain the Withdrawal Request Form from the Student Records Forms page: <http://www.samford.edu/groups/sturec/forms.html>

- The permanent record of a student who withdraws before the last day to drop a course(s) without financial penalty will not show courses attempted for that semester/term.
- The permanent record of a student who withdraws from all courses for a semester/term before the deadline, as stated in the Academic Calendar, will show courses attempted and will show a grade of W (withdrawn). A “W” is not calculated in the student’s GPA.
- No student who withdraws from the University for any reason is entitled to a transcript of credits until his/her financial account has been settled in the Office of the Bursar.
- A student who withdraws in the last two weeks of a semester automatically receives a WF in each course attempted.

### Semester Withdrawal

A student who withdraws from all courses in a semester or term and is not registered for courses the following semester or term is considered to be withdrawing from the University. (See the School Withdrawal section above for more information.) If the student does not return to Samford within one calendar year, he/she will have to be readmitted. (See Readmission Student Applicant on p. 17 for more information.)

A student who withdraws from all courses in a semester or term but is registered for courses in the following semester or term is still considered currently enrolled. The student may request permission to take courses as a transient student at another institution by submitting the Transient Enrollment/Letter of Good Standing Request Form. (See Transfer Policies on p. 29 for more information.)

Forms for dropping/withdrawing from a course, University or semester withdrawal, and transient enrollment can be found on the Student Records Web site at the following URL: <http://www.samford.edu/groups/sturec/forms.html>

## Academic Warning and Required Withdrawal

### Placement on Academic Warning

Any student who has attempted 12 or more credits at Samford University must have a cumulative GPA of 2.00 in work done at Samford. Failure to maintain a 2.00 GPA will result in being placed on academic warning.

### Continuation of Academic Warning

Any student who has been placed on academic warning and whose Samford cumulative GPA continues to be below 2.00 will continue on academic warning unless required to withdraw.

### Making Satisfactory Academic Progress

Students on academic warning who maintain the GPAs listed below will be considered as making satisfactory academic progress toward graduation and may remain in school. Student athletes are held to NCAA standards for continuing eligibility that may be higher than those below. Contact the Athletic Compliance Officer for details.

Requirements to Classify as Making Satisfactory Academic Progress	
Total Quality Credits	Required Cumulative Samford GPA
13-31	1.70
32-63	1.80
64-95	1.90
96 or more	2.00

### Required Withdrawal

If a student placed on academic warning does not achieve the cumulative GPA required at Samford University at the end of the semester or term, he or she is required to withdraw from the University for at least one full semester. Readmission is not automatic. Applications for readmission must be made through the Office of Admission at least six weeks prior to the beginning of the semester/term the student wants to return. Students may not attend other institutions during their period of withdrawal. Samford University will not accept any transfer credits completed during this required absence.

(See Readmission Student Applicant in the Undergraduate Admission Procedures and Policies section of this catalog for application procedures.)

## Grading System Guidelines and Policies

### Pass/Fail Basis Grading System

Any student who is enrolled in the Howard College of Arts and Sciences, the School of the Arts, the Brock School of Business, or the Orlean Bullard Beeson School of Education and Professional Studies, who is classified as a sophomore, junior, or senior, may elect to receive a pass/fail grade rather than a letter grade in no more than 12 credits of regular coursework. In a course elected for grading on the pass/fail basis, the student's grade shall be designated "pass" or "fail." A grade designation of "pass" shall not be included in the student's grade point average; a grade of "fail" shall be included at 0.00 quality points per quality credit.

No course elected for grading on the pass/fail basis shall satisfy any part of a core, general education, major, minor, or writing-intensive course requirement for graduation. Successfully completed pass/fail courses will count toward the 300/400-level requirement and toward the minimum total credits. The student can change from a grading basis to the pass/fail basis or from the pass/fail basis to the grading basis any time prior to the deadline for withdrawing from a class without academic penalty.

Certain internship and externship courses may be taken for pass/fail credit only. Credits earned in these courses may count toward the major or minor requirement and will not be included in the 12-credit limit. (Consult with your dean or advisor before registering for pass/fail credit.)

### Course Repeats

Upon the recommendation of the advisor and with the approval of the dean of academic services, an undergraduate student may repeat a course for credit in which she or he received a C- or lower to improve her or his grade and cumulative GPA, as well as her or his understanding of course content.

When a course grade of C- or lower is repeated at Samford, only the last grade, even if it is lower, will count in the calculation of the cumulative average. The credits count only once. Both courses and both grades remain on the transcript with an indication of which course is counted in the computation of the cumulative GPA. The repeated course must be exactly the same course that was originally taken. Courses repeated at other institutions do not change the Samford cumulative GPA.

Courses with grades of C or higher may be repeated; however, both grades will be averaged into the Samford cumulative GPA.

The deadline for submitting the petition to repeat a course with a C- or lower grade is the last day to add a course in the semester the repeated course is being taken. A form for this purpose is available in the Office of Student Records.

A course can be repeated only once using the repeat policy to exclude the original grade from the student's GPA calculation. A student may take advantage of this policy for no more than 16 credits. Repeating a course may influence a student's financial aid or sports eligibility. Courses repeated after graduation will not change the graduation GPA.

### Examinations

Examinations, two hours in length, are given in all undergraduate subjects at the end of each semester. The precise weight assigned to the final examination is determined by the faculty member, the traditional policy being to count as 25 percent to 35 percent in obtaining a final average.

### Grade Changes

An initial grade may be challenged before the last day of classes of the next full semester. This challenge should be presented to the dean of academic services after conferring with the instructor, the instructor's department head, and the academic dean of the school or college in which the course is taught. An E or an INC automatically becomes an F if not removed by the last day of classes in the next full semester after the grade was given. This grade of F may not be challenged.

## Letter Grading System

Grades are indicated by letter symbols. The numerical value assigned to a letter grade is determined by each faculty member.

Grade Symbol	Definition	Quality Points Earned
A	The highest proficiency in ability and application	4.0
A-	Slightly less than the highest proficiency in ability and application	3.7
B+	Outstanding proficiency	3.3
B	Ability and achievement of a high but second order	3.0
B-	Ability and achievement of a high but third order	2.7
C+	A better than average performance	2.3
C	Average ability or average achievement	2.0
C-	Slightly below average achievement	1.7
D+	Below average performance. Many colleges decline to accept transfer credit of lower than a C grade. There is a repeat policy.	1.3
D	Below average performance. There is a repeat policy.	1.0
D-	Just above failing performance. There is a repeat policy.	0.70
E	Grade given to a student who, though failing a final examination, has a general daily average high enough to justify the expectation that he/she could pass the course if permitted to take a make-up examination. An E can be removed only by re-examination and is never raised to a grade higher than D. There is a repeat policy.	0.00
F	Outright failure and can be changed only if it is the result of a clerical error made by the institution. If F is given as a final grade, the student must repeat the entire course and earn a passing grade to receive credit for it. There is a repeat policy.	0.00
FA	Grade given to a student who is dropped from a course because of excessive absences or who withdraws from the University without written permission from the Office of Student Records. It carries the same penalty as F.	0.00
FX	Failure due to a violation of academic integrity.	0.00
INC	Represents Incomplete. Incomplete grades are valid if the student has done work that would earn a passing grade in the course but has failed to complete some portion of the required work <b>because of an emergency</b> , and the work can be completed <b>without further class attendance</b> .	0.00
IP	Indicates that a course remains In Progress and ends after the semester's/term's final grade deadline.	0.00
Z	Represents No Grade. It is given when a faculty member does not assign a grade. Instructor must change the Z to a grade.	0.00
W	Indicates that the student withdrew before the academic penalty period, but was in good standing. There is no penalty for W.	0.00
WF	Indicates that the student withdrew during the academic penalty period. WF carries the same penalty as F.	0.00
P	Grade assigned for successful completion of a course designated Pass or Fail. It will not be included in the GPA.	0.00
AU	Symbol assigned for successful completion of a course taken on an audit basis. An audited course will not meet any graduation requirement or be included in the GPA.	0.00

## Transfer Policies for Current Samford Students

### Transfer of Grades/Credits for Courses Taken at Other Institutions by Current Samford Students

Samford students who take courses at another institution during a semester or term they are not enrolled at Samford (typically the summer term) are considered transient students at the other college/university. Below are important facts for current Samford students who are pursuing transient enrollment at another institution:

- Students who wish to transfer any credit completed while a transient student towards their Samford degree must have written approval signed **in advance** by their academic advisor, academic department head, and the registrar. The Transient Enrollment/Letter of Good Standing Request Form can be found at: [www.samford.edu/groups/sturec/forms.html](http://www.samford.edu/groups/sturec/forms.html).
- University Core Curriculum requirements cannot be met through transient enrollment.
- Seniors must have the written approval of their academic dean.
- Seniors may not transfer more than two courses for a maximum of eight credits.
- Undergraduates may transfer a maximum of two general education courses from another accredited institution or from Samford's Metro Programs for fewer credits than the courses being replaced (i.e., a three-credit course taken at another university could satisfy a four-credit requirement).
- If a student wishes to take more than two courses for general education credit, the courses must be equal to or greater than the number of credits being replaced. Any credit earned beyond the requirement will be shown as elective credit.
- The transient institution must be regionally accredited.
- Transient transfer credit is subject to University transfer policies and will be awarded when the official transcript from the transient institution is received. (See the Transfer Student Applicant section on p. 16 for more information.)
- Courses from transient schools must have a letter grade of C- or better in order to be posted as earned credit on your transcript.
- Courses taken on a pass/fail basis will not be accepted unless the student produces written documentation from the awarding institution that the grade represents at least a C-.
- Transfer courses are not calculated into the Samford GPA.
- Transient transfer credit is subject to University transfer policies and will be awarded when the official transcript from the transient institution is received.
- It is the student's responsibility to arrange to have a transcript sent from the transient institution directly to Samford upon completion of the course(s).
- The Transient Enrollment/Letter of Good Standing Request Form must be accompanied by a course description(s) from the transient institution.
- Transient enrollment policies also apply to overseas/study abroad courses with foreign institutions. A separate form is available for study abroad transient work at: [www.samford.edu/groups/sturec/forms.html](http://www.samford.edu/groups/sturec/forms.html).

## Family Educational Rights and Privacy Act

The Family Educational Rights and Privacy Act (FERPA) is a federal law designed to protect the privacy of a student's education records. The rights of the FERPA heretofore assigned to parents are now transferred to their college students. These rights are:

1. Eligible students have the right to inspect and review all their educational records maintained by the school. The student must contact the dean of academic services and registrar office to make an appointment to view their academic record.
2. Eligible students have the right to request that a school correct records believed to be inaccurate or misleading. If the school refuses to change the records, the eligible student then has the right to a formal hearing. After the hearing, if the school still refuses the correction, the eligible student has the right to place a statement in the records commenting on the contested information in the records.
3. Generally, Samford University must have written permission from the eligible student before releasing any information from a student's record. However, the law allows schools to disclose records, without consent, to the following parties:
  - School employees who have a need to know
  - Other schools to which a student is transferring
  - Parents when a student over 18 is still a dependent
  - Certain government officials in order to carry out lawful functions
  - Appropriate parties in connection with financial aid to a student
  - Organizations doing certain studies for the school
  - Accrediting organizations
  - Individuals who have obtained court orders or subpoenas
  - Persons who need to know in cases of health and safety emergencies
  - State and local authorities to whom disclosure is required by state laws adopted before November 19, 1974

Schools may also disclose, without consent, "directory type" information, such as a student's name, address, and telephone number. Samford University has designated the following as directory information: student name, address, telephone number, e-mail address, date and place of birth, enrollment status, major field of study, participation in officially recognized activities and sports, weight and height of members of athletic teams, dates of attendance, honors, degrees and awards received, most recent previous school attended, and photograph. *An eligible student who does not wish for this information to be released without prior written consent must notify in writing the Office of the Dean of Academic Services and Registrar by the last day to drop/add without financial penalty in a semester or term.*

# Financial Information

*The University makes every effort to hold increases to the lowest figure possible while providing quality programs of good value. Tuition and fees cover less than 70 percent of Samford's educational and general expenditures. For the remainder of its operating needs, the University relies primarily on the generous support of the Alabama Baptist State Convention, with which the University is affiliated, investment earnings, and gifts and grants from alumni, individuals, businesses, foundations, and other supporters.*

*Samford reserves the right to change tuition, other charges, refund procedures, and other policies.*

*Samford University is an Equal Opportunity Institution and does not discriminate in its educational and employment policies on the basis of race, color, sex, age, disability, or national or ethnic origin.*



# Undergraduate and Graduate Tuition and Fee Policies

NOTE: While every effort has been made to provide accurate and up-to-date information, specific financial details are subject to change. Please see the Bursar's Office Web site for the latest information: [www.samford.edu/admin/bursar/](http://www.samford.edu/admin/bursar/)

## Tuition Classifications

Students are classified based on their enrollment status. Enrollment status, charges, and courses covered are detailed below.

**Full-Time Undergraduate Day Students:** The tuition paid by students classified as undergraduate day admits them only to courses in the regular (day) curriculum where students may take 12-18 credits without further charge. Students taking over 18 credits or courses outside the day curriculum, including evening (Metro) courses, are charged additional tuition at the per-credit day rate. (See table on pp. 36-37 for general tuition and fees. See p. 45 for fees associated with London Programs.)

**Part-Time Undergraduate Day Students:** Part-time regular day students taking under 12 hours will pay the per-credit day rate for all credits. (See table on pp. 36-37 for general tuition and fees.)

**Undergraduate Evening Students:** The tuition paid by students classified as undergraduate evening admits them only to courses offered in the Metro Program. Metro Program students who enroll in day courses will pay the per-credit day rate for undergraduate day courses. (See table on p. 237 for general tuition and fees.)

**Graduate Students (includes Law and Pharmacy):** The tuition paid by students classified as graduate admits them only to courses within the specific program. Courses outside the program are charged at the current credit hour rate for that course. For general tuition and fees, see tables on p. 35 (Graduate), p. 45 (London Programs), p. 141 (Divinity), p. 173 (Law), and p. 233 (Pharmacy).

## Payment Policies

### Tuition and Fees Payment Dateline

The entire bill, including charges incurred for the semester after the e-bill date **must** be received to complete financial settlement for the semester prior to the due date to avoid cancellation of your class schedule. Payment for each term/semester is noted on the payment schedule at:

[www.samford.edu/admin/bursar/payschedule.html](http://www.samford.edu/admin/bursar/payschedule.html)  
[www.samford.edu/parents](http://www.samford.edu/parents)  
[www.samford.edu/students.html](http://www.samford.edu/students.html)

E-bills are sent to students via the Samford University e-mail system, which remains the official means of communication with students; the University no longer provides paper statements. Students are advised to check their e-mail regularly.

Financial policies and payment schedules are posted at the Parent and Family and Student Information page ([www.samford.edu/parents](http://www.samford.edu/parents)) along with information from Financial Aid and Student Records.

Registered students will receive an e-bill prior to the payment due date. The e-bill reflects activity up to the date the e-bill was generated. Activity that transpired after the e-bill generation date can be viewed online via the Samford Portal at [portal.samford.edu](http://portal.samford.edu). The portal view provides both the activity since the last e-bill and a complete account summary.

Students who register after the e-bill generation date will not receive an e-bill until the next billing cycle which is typically after the term begins. Therefore, these students must consult the online system to view their account summary and arrange payment by the due date. (See p. 34 for the Payment Schedule.)

### Delinquency

Enrollment in classes may be cancelled for nonpayment by the due date. Students may not receive grades or transcripts, and are not allowed to participate in commencement, until the past due amount is cleared. The University may charge interest on all amounts past due. Past due accounts assigned to a collection agency may be reported to the credit bureaus and students are charged for collection costs.

## Payment Method Options

### On-line Payments with Check

Payment by electronic check using the e-bill system is the most efficient and Samford's preferred method of payment. Payment by electronic check can be made by using your checking or savings accounts.

### On-line Payments with Credit Card

MasterCard, Discover, and American Express can be used to make online payments. A 2.75% (minimum of \$3.00) convenience fee will be assessed by third-party web processor. Reminder: Fee (2.75%) will not be assessed if payment is made by electronic check.

### Other Payment Options

The Bursar's Office continues to accept payment by check through the mail. Payment by check or cash can be made in person as well as by the following method:

### Electronic Payment Options for Students

Students may also authorize parents or other designated individuals to access the e-bill system and make payments on their behalf. **To enable this feature, a student MUST access the e-bill system and set up those individuals responsible for payment of their student account as an "Authorized User." Students may set up an Authorized User by clicking on the link in their e-bill message, selecting the Authorized User tab, and following the instructions.**

If your student has added you to the e-bill system as an "Authorized User" (see the previous paragraph), you will receive e-mail notification when a new e-bill statement is issued. Click on the link in the e-mail or enter the link in your browser to access the e-bill system and make a payment. (Current link: <https://secure.samford.edu/ebill/web/index.jsp>)

You may pay by credit card (MasterCard, Discover, or American Express) or by e-check. All payments by credit card will be subject to a 2.75% convenience fee by third party. (Minimum fee is \$3.00.) Reminder: Fee (2.75%) will not be assessed if payment is made by electronic check.

**Students MUST authorize parents or other designated individuals to access the e-bill system and make payments on their behalf.**

An emergency short term loan is available through the Bursar's Office. Only students can apply for the loan and must meet all the University criteria in order to obtain the loan.

Questions? Please contact the Bursar's Office at [broffice@samford.edu](mailto:broffice@samford.edu), 1-800-888-7214 (toll-free) or (205) 726-2816.

The Samford University Portal and associated online Student Services are available 24 hours a day, seven days a week, except for scheduled maintenance and unforeseen circumstances. Maintenance is scheduled in advance with notice to all students.

Should you encounter log-in problems, please contact the Personal Technology Group at (205) 726-2662.

## Drop and Add Policies for All Students

### Class Drops and Adds

Drops and adds are changes in a student class schedule that do not involve complete withdrawal from school. During the drop/add period these rules apply:

1. If a schedule change results in a reduction of the student's total credits (less than full-time) tuition may be adjusted within 30 days. Any reduction in a student's course load may result in an adjustment in the student's financial aid.
2. After the last day to drop a course(s) without financial penalty, dropping course(s) will not result in a reduction of charges for tuition or fees.
3. There are no refunds of fees unless the course related to the fee is dropped, or one withdraws as outlined below.

Charges will be adjusted according to these financial policies and the credits taken by the student. Complete withdrawal from the University is covered under the refund and withdrawal policy. (See also Elective Withdrawal in the Academic Policies and Regulations section of this catalog.)

## Withdrawal Policy for All Students

### Student Withdrawal

The University is required to contract for a substantial amount of goods and services in advance. Most of these expenses are fixed and are not subject to change on short notice. Under certain circumstances, refunds are available to students who officially withdraw from the University. A student desiring to withdraw from the University must secure from and submit to the Office of Student Records an official withdrawal form. This policy applies to all terms including semesters, summer terms, Jan Term, and nine-week sessions. (See Elective Withdrawal in the Academic Policies and Regulations section of this catalog.)

## Brief Definition of Terms Used in Financial Policies

*In all of the following situations, students must complete the proper forms in the Office of Student Records.*

**Arbitrarily discontinuing class attendance does not substitute for official notification of course dropping or withdrawal.**

### Drops and Adds

**Adding a Course:** A course can be added anytime on or before the date listed on the Academic Calendar as "Last Day to Drop or Add a Course(s) without Financial Penalty." Payment for the course is due the day the course is added.

**Dropping a Course:** This term applies to the **complete** removal of a course from a student's permanent record. *This can only be done if the student notifies the Office of Student Records on or before the date listed on the Academic Calendar as "Last Day to Drop or Add a Course(s) without Financial Penalty."*

If a student notifies the Office of Student Records **after this date**, the course will be considered a withdrawal, will remain on the student's permanent record with a grade of W or WF (see below), and **no financial reimbursement will be given.** (See Course Withdrawal in Academic Policies and Regulations.)

### Withdrawals

**Course Withdrawal:** Course Withdrawal is also often referred to as Partial Withdrawal. In order to be considered as withdrawn from a course, a student must complete an official Schedule Change Form in the Office of Student Records on or before the date listed on the Academic Calendar as "Last Day to Withdraw from a Course(s) without Academic Penalty." If these requirements are met, the student will receive an automatic grade of W. If the student withdraws after the date listed on the Academic Calendar, the student will receive an automatic grade of WF. (See Course Withdrawal in Academic Policies and Regulations.)

***There is no financial reimbursement for course withdrawal.***

**School Withdrawal:** This term refers to officially leaving Samford University and discontinuing attending all classes. Financial reimbursement will be based on the University's refund policies for withdrawal. (See Withdrawal Policy in this section and Elective Withdrawal-School Withdrawal in Academic Policies and Regulations.)

## Withdrawal Refund Policy for Fall and Spring Semesters

1. In case of withdrawal or suspension within the first week of the semester, the student may receive a refund of 100 percent of tuition and room rent for that semester. The first week of a semester ends on the last day to drop a course(s) without financial penalty.
2. In case of withdrawal or suspension after the first week of the semester, but before the end of the second week of the semester, the student may receive a refund of 90 percent of tuition and room rent for that semester. The second week of a semester ends on the first Wednesday following the last day to drop a course(s) without financial penalty.
3. In case of withdrawal or suspension after the second week of the semester, but before the end of the third week of the semester, the student may receive a refund of 75 percent of tuition and room rent for that semester. The third week of a semester ends on the second Wednesday following the last day to drop a course(s) without financial penalty.
4. In case of withdrawal or suspension after the third week of the semester, but before the end of the fifth week of the semester, the student may receive a refund of 50 percent of tuition and room rent for that semester. The fifth week of a semester ends on the fourth Wednesday following the last day to drop a course(s) without financial penalty.
5. In case of withdrawal or suspension after the fifth week of the semester, but before the end of the ninth week of the semester, the student may receive a refund of 25 percent of tuition and room rent for that semester. The ninth week of a semester ends on the eighth Wednesday following the last day to drop a course(s) without financial penalty.
6. In case of withdrawal or suspension after the ninth week of the semester, no refund of tuition and room rent is available.
7. In case of withdrawal or suspension, a board plan (meal charge) refund shall be calculated on a pro rata basis.

## Withdrawal Refund Policy for Jan Term

Jan Term refunds are based on days instead of weeks and the following applies.

In case of withdrawal or suspension:

1. On first and second day of classes, the tuition and room rent refund will be 100 percent.
2. On the third day of classes, the tuition and room rent refund will be 90 percent.
3. On the fourth day of classes, the tuition and room rent refund will be 75 percent.
4. On the fifth day of classes, the tuition and room rent refund will be 50 percent.
5. On the sixth day of classes, the tuition and room rent refund will be 25 percent.
6. After the sixth day of classes, no tuition and room rent refund is available.
7. Board plan (meal charge) refund shall be calculated on a pro rata basis.

## Withdrawal Refund Policy for Summer Term

Summer Term refunds are based on the number of weeks as follows:

1. In case of withdrawal or suspension before the end of the last day to drop a course(s) without financial penalty, the student may receive a refund of 100 percent of tuition and room rent for that term.
2. In case of withdrawal or suspension after the last day to drop a course(s) without financial penalty, but before the end of the first week of the term, the student may receive a refund of 90 percent of tuition and room rent for that term. The first week of the term ends on the first Friday following the last day to drop a course(s) without financial penalty.
3. In case of withdrawal or suspension after the first week of the term, but before the end of the second week of the term, the student may receive a refund of 75 percent of tuition and room rent for that term. The second week of the term ends on the second Friday following the last day to drop a course(s) without financial penalty.
4. In case of withdrawal or suspension after the second week of the term, but before the end of the third week of the term, the student may receive a refund of 50 percent of tuition and room rent for that term. The third week of the term ends on the third Friday following the last day to drop a course(s) without financial penalty.
5. In case of withdrawal or suspension after the third week of the term, but before the end of the fourth week of the term, the student may receive a refund of 25 percent of tuition and room rent for that term. The fourth week of the term ends on the fourth Friday following the last day to drop a course(s) without financial penalty.



6. In case of withdrawal or suspension after the fourth week, no refund of tuition and room rent is available.
7. In case of withdrawal or suspension, a board plan (meal charge) refund shall be calculated on a pro rata basis.

### Refund and Cancellation Policy for Abroad Programs

Different refund and cancellation policies apply to the various abroad programs. A copy of these refund and cancellation policies may be obtained from the sponsoring department or school.

### Fee Refunds

There are no refunds of fees unless the course related to the fee is dropped, or one withdraws as outlined on these pages, within the first week of any term or semester.

### Refund Appeal

Students or parents who believe that they have individual circumstances warranting an exception to published refund policies may appeal. To appeal, the student or parent should contact:

Dean of Academic Services  
Office of Student Records  
Samford University  
800 Lakeshore Drive  
Birmingham, Alabama 35229

### Military Call to Active Duty

Students will be allowed to withdraw without penalty from the University and receive a 100 percent tuition remission (less any financial aid which the student may have received for the semester) upon presenting an original copy of their orders to the dean of academic services.

Alternatively, incomplete (INC) grades with no tuition reimbursement may be more appropriate when the withdrawal is near the end of the semester and INCs are agreed to by the instructor(s) and the student and approved by the dean of the school or college. In the latter case, the student will be allowed to complete the coursework according to a written agreement submitted to the Office of Student Records.

### Return of Title IV Funds

Federal financial aid funds are awarded with the expectation that students will complete the entire period of enrollment. Students "earn" a percentage of the funds that are disbursed to them with each day of class attendance. When a student, who has received federal financial aid (Title IV funds), leaves school before the end of the semester or period of enrollment, federal law requires the University to calculate the percentage and amount of "unearned financial aid funds that must be returned to the federal government." **This calculation may have the effect of requiring the student to repay funds that have already been disbursed to the student.**

Once a student has completed more than 60 percent of the enrollment period, students are considered to have earned all funding received. **The University will not reduce the amount owed simply because of the loss of eligibility of financial aid. Thus, withdrawal prior to completion of 60 percent of the semester may result in the student having to pay from personal funds amounts of financial aid required to be returned to federal sources, in addition to any institutional costs owed to the University.** Students are urged to consider these financial implications prior to making the decision to withdraw from school.

## Miscellaneous Expenses

### Activity Fees

Tennis, swimming, racquetball, and many other recreational activities are available without charge. The field house has an indoor jogging track. Outdoor activities such as white-water rafting, rappelling, etc., are sponsored by the Student Government Association. Fees are charged to cover the actual cost of these activities.

### Books and Supplies

The estimated cost of books and supplies for an academic year is listed in the tuition and fees tables. Students enrolled in the professional schools may expect to pay more for books and supplies.

### Medical Insurance for Students

A student injury and sickness insurance plan is available to undergraduate and graduate students and their dependents. The plan protects the insured 24 hours a day, including holidays, for a 12-month period beginning with the onset of the academic year. In most instances, an initial evaluation and referral from Student Health Services (SHS) is required prior to seeing an off-campus provider. Detailed information regarding eligibility, exclusions, and rates can be obtained in the SHS office or by viewing the plan brochure at [www.samford.edu/stuhealth](http://www.samford.edu/stuhealth).

Based upon federal regulations and University policy, all F and J visa holders must have health insurance coverage for themselves and all dependents during residency in the U.S. Insurance may be obtained by the student independently or purchased through the University but must contain certain required coverage. Proof of coverage is required before registering for classes. Samford University may terminate international students who do not continue to comply with insurance requirements. Information about specific policy carriers, minimum coverage, and premium costs is available from the International Studies Office at (205) 726-2741.

### Membership Fees

Some student organizations have an annual membership fee. In addition, Greek organizations have monthly dues along with an initiation fee.

### Personal Property Insurance

Each year college students lose millions of dollars worth of personal property as a result of theft, vandalism, water, or fire. Students at college have a large investment in desktop computers, laptop computers, television sets, CD and DVD players, radios, cell phones, cameras, PDAs, calculators, mini-refrigerators, clothing, text books, CDs, DVDs, albums, and other personal property. A college or university is not liable for these losses simply because the loss occurs on campus.

All students, especially those who live in residence halls, should insure their personal property either through their parent's homeowner's insurance or through a private insurance policy. The University has established an insurance program through National Student Services, Inc. This insurer provides personal property insurance for students at over 1,000 colleges and universities. For more information on student personal property insurance, see [www.nssinc.com](http://www.nssinc.com) or pick up a brochure at the Residence Life Office, 106 Beeson University Center.

### Residence Hall Special Fees and Fines

Students are expected to show good stewardship of their rooms and furnishings and to abide by all University policies. There are fines for key and lock replacement, damage to facilities, and failure to follow proper procedures for room change and checkout. If imposed, these charges will be placed on a student's account, along with other fees established for special services or other purposes.

Students canceling their housing contract prior to the end of the term of the agreement are subject to a substantial cancellation fee. Students occupying rooms during scheduled break periods will be charged substantially for extra housing stay.

Residence hall rooms are furnished with twin-sized beds, desks, chairs, desk lamps, chests, and blinds. Students may wish to add approved appliances and decorations. It is recommended that this be done in communication with their roommate prior to or after arrival on campus.

Washing machines and dryers are available in each residence hall. All washers and dryers are coin operated, and many machines are equipped to accept the Samford Card.

### Student Telephone Services

Local telephone service is included in housing charges. Telephones are not included and must be provided by the student. Resident students can dial any local or intra-campus call with no additional charge.

Samford no longer provides long-distance services to students. Most students use the long-distance services provided by their own cellular telephone service plan. Students who need long distance services should make arrangements with a long distance carrier and use that carrier's access (usually dialing an 800 number) to make long-distance calls. For more information regarding telephone service, contact Telephone Services at (205) 726-2996.

### Financial Aid Information

Students seeking financial aid should file the 2009-2010 Free Application for Federal Student Aid (FAFSA) online at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). Our priority date is March 1, 2009. Students who filed the FAFSA on or before that date will comprise the first group for which we package and award financial aid for the 2009-2010 academic year. FAFSAs filed after March 1 will be processed in the order they are received.

Students may obtain information regarding financial aid online at [www.samford.edu/admin/finaid](http://www.samford.edu/admin/finaid) or by telephone at (205) 726-2905 or toll free at 1-800-888-7245. Students are encouraged to use these resources for information or questions regarding financial aid at Samford University.

### Refund Schedule

Refunds are first available within five (5) to seven (7) business days after financial aid has been credited (disbursed) to your student account. We cannot make refunds before that time. Disbursement of aid on your account is regulated based on the first day of class. The schedule below outlines the earliest date for each term/semester refunds will be available. These dates are subject to satisfactory completion/submission by the student of all needed information. The schedule is subject to change and may be adjusted to comply with federal regulation governing refunds to students. Unless otherwise noted, refunds are available in the Office of the Bursar.

SPECIAL NOTE: Fees are subject to change without notice. See the Bursar's Office Web site for the latest tuition and fee info: [www.samford.edu/admin/bursar/fees.html](http://www.samford.edu/admin/bursar/fees.html)

GENERAL MISCELLANEOUS FEES FOR ACADEMIC YEAR 2009-2010		
<i>The following fees apply to ALL Samford students and are nonrefundable, unless otherwise indicated.</i>		
Description	Expense	
Vehicle Registration	\$20/academic year	
Replacement Decal Vehicle Registration	\$5	
ID Replacement Fee (first time)	\$5	
ID Replacement Fee (subsequent)	\$10	
Portfolio Evaluation Fee	\$100/credit (optional)	
Returned Check or Stop Check Fee	\$28/each occurrence	
PAYMENT SCHEDULE FOR MISCELLANEOUS CHARGES FOR 2009-2010		
Month	e-bill Date	Payment Due Date
September 2009	Sept 8, 2009	Sept 24, 2009
October 2009	Oct 8, 2009	Oct 26, 2009
November 2009	Nov 9, 2009	Nov 30, 2009
February 2010	Feb 8, 2010	Feb 25, 2010
March 2010	Mar 8, 2010	Mar 25, 2010
April 2010	April 8, 2010	April 26, 2010

PAYMENT SCHEDULE FOR ACADEMIC YEAR 2009-2010									
		Undergraduates (Day and Evening, incl. Metro Programs); Graduates (except Graduate Nursing & MSEM); Divinity		Undergraduate Nursing (Accelerated Program only)		Graduate Nursing/Nurse Anesthesia*; Environmental Management (MSEM); Pharmacy**		Law	
Term	Year	Bill Date	Due Date	Bill Date	Due Date	Bill Date	Due Date	Bill Date	Due Date
Summer 10-Week Term	2009	May 8	May 27	May 8	May 27	May 8	May 27	May 8	May 27
Summer I	2009	May 8	May 27	May 8	May 27	May 8	May 27	May 8	May 27
Summer II	2009	June 15	July 1						
Fall	2009	July 21	Aug 18	July 8	Aug 10	May 8*** July 8	May 27*** Aug 10	July 8	Aug 10
Jan Term	2010	Dec 8	Jan 4						
Spring	2010	Jan 11	Jan 20	Dec 8	Jan 4	Dec 8	Jan 4	Dec 9	Jan 7
Summer 10-Week Term	2010	May 7	May 26	May 7	May 26	May 7	May 26	May 7	May 26
Summer I	2010	May 7	May 26	May 7	May 26	May 7	May 26	May 7	May 26
Summer II	2010	June 10	June 29	June 10	June 29				

Students participating in 2009 Fall commencement must clear their accounts by December 8, 2009. Students participating in 2010 Spring commencement must clear their accounts by May 10, 2010. Divinity students having earlier commencement will be required to clear their accounts prior to receiving their caps and gowns.

\* Includes grad nursing/nurse anesthesia students on the 9-week calendar.  
\*\* Includes P1-P4 pharmacy students, unless otherwise indicated. Only P1 repeats take summer courses.  
\*\*\* These Fall dates apply to P4s only. Their "Fall" term begins June 1.

Note 1: Payment schedule dates for all terms are subject to change. Note 2: Students will be dropped from classes for failure to meet payment obligations timely.

REFUND SCHEDULE FOR ACADEMIC YEAR 2009-2010									
Note: Refunds available at the Bursar's Office unless otherwise indicated.		Undergraduates (Day and Evening, incl. Metro Programs); Graduates (except Graduate Nursing & MSEM); Divinity		Undergraduate Nursing (Accelerated Program only)		Graduate Nursing/Nurse Anesthesia*; Graduate Environmental Management (MSEM); Law		Pharmacy	
Term	Year	First Available Date		First Available Date		First Available Date		First Available Date	
Summer 10-Week Term	2009	June 1				June 1		June 1 (P1 repeats)	
Summer I	2009	June 1				June 1		June 1 (P1 repeats)	
Summer II	2009	July 6							
Fall	2009	August 25		August 17		August 10 (1st-yr Law)** August 11 (All other Law)** August 10 (9-wk Grad Nursing only) August 17 (Grad Nursing/MSEM)		June 1 (4th-yr Pharmacy) Aug 17 (1st, 2nd, & 3rd-yr Pharmacy)	
Jan Term	2010	January 7							
Spring	2010	January 26		January 7		January 7 (Grad Nursing/MSEM) January 11 (Law)***		January 7	
Summer 10-Week Term	2010	June 1		June 1		June 1		June 1 (P1 repeats)	
Summer I	2010	June 1		June 1		June 1		June 1 (P1 repeats)	
Summer II	2010	July 8 July 12 (Divinity)		July 8					

Note: Graduate Nursing includes grad nurse anesthesia and doctor of nursing practice students.  
\*Includes grad nursing/nurse anesthesia students on the 9-week calendar.

\*\*Pick up in Rm 132, Law School  
\*\*\*Pick up in Rm 106, Law School

**GRADUATE TUITION AND FEES FOR ACADEMIC YEAR 2009-2010**

Description of Expense	Student Classification	Payment Regulations	Expense	Payment Due Date (1)
<b>Tuition</b>				
All credits	All Graduate and Graduate Audit Students*	See Refund Policies	\$595/credit (Fall or Spring) \$575/credit (Sum 2009) \$595/credit (Sum 2010)	On or before e-bill payment due date
Master of Science in Nursing-Nurse Anesthesia (MSN-NA)	All MSN-NA Students	Deposit nonrefundable	\$7,529/sem (Fall or Spring) \$7,310/sem (Sum 2009) \$7,529/sem (Sum 2010)	\$1,000 deposit upon acceptance and remainder on or before e-bill payment due date
MSN-NA Continuation Fee	All MSN-NA Students	See Refund Policies	\$1,500	On or before e-bill payment due date
MSN-NA (9-Week A/B Term Schedule)**	All MSN-NA Students (9-Wk)**	See Refund Policies	\$4,392/term (Fall) \$4,264/term (Sum 2009)	On or before e-bill payment due date
Doctor of Nursing Practice (DNP)	All DNP Students	See Refund Policies	\$595/credit (Fall or Spring) \$575/credit (Sum 2009) \$595/credit (Sum 2010)	On or before e-bill payment due date
Joint Degree	Joint Degree Students	See Refund Policies	By Classification	On or before e-bill payment due date
<b>Fees</b>				
Application Fee for Graduate Admission	All Graduate Students	Nonrefundable	\$25/application	At time of application submission
Technology Fee - Jan Term	All Students	See Course Drops and Adds	\$20/term	On or before e-bill payment due date
Technology Fee - Summer I, Summer II	All Students	See Course Drops and Adds	\$30/term	On or before e-bill payment due date
Technology Fee - Fall, Spring	All Students	See Course Drops and Adds	\$110/semester	On or before e-bill payment due date
Nursing Drug Screening Fee	All MSN-NA Students		\$35/per student as done	On or before e-bill payment due date
Nursing Graduate Technology Fee***	All MSN-NA Students		\$150/semester	On or before e-bill payment due date
Nursing Medatrax Fee - CRNA	All CRNA Students	See Course Drops and Adds	\$119/one-time charge	On or before e-bill payment due date
Nursing Medatrax Fee - MSN	All MSN Students		\$80/one-time charge	On or before e-bill payment due date
Nursing Safety Screening Fee	All MSN, CRNA, & DNP Students		\$75/one-time charge	On or before e-bill payment due date
Books and Supplies	All Graduate Students		\$1,250 (estimate)	Cash/check/credit card at time of purchase
Books and Supplies	All MSN-NA Students		\$2,500 (estimate)	Cash/check/credit card at time of purchase
Books and Supplies	All DNP Students		\$2,500 (estimate)	Cash/check/credit card at time of purchase

CRNA=Certificate Nurse Anesthesia DNP=Doctor of Nursing Practice MSN=Master of Science in Nursing MSEM=Master of Science in Environmental Management NA=MSN-Nurse Anesthesia  
 \* Graduate programs as offered by Arts & Sciences, Business, Education, Music, Nursing (degree or audit). For tuition and fees for graduate/professional students in Divinity, Law, or Pharmacy, see those catalog sections.  
 \*\* Graduate nursing/nurse anesthesia students in program that follows the 9-week (A/B term) schedule. Program ends October 2009.  
 \*\*\* Graduate nursing students pay this fee and the general Technology Fee that applies to all students.

NOTE: See p. 34 for a list of General Miscellaneous Fees that apply to ALL students. See the Undergraduate Tuition & Fees table on the next page for additional course fees that may be applicable to graduate students.  
 SPECIAL NOTE: Fees are subject to change without notice. See the Bursar's Office Web site for the latest tuition and fee info: [www.samford.edu/admin/bursar/fees.html](http://www.samford.edu/admin/bursar/fees.html)

**(1) Charges incurred after the e-bill has been generated for the semester/term are due on or before the e-bill due date (see Payment Schedule on p. 34 for e-bill generation and payment due dates). Charges incurred during the drop/add period are due when incurred. Classes may be canceled for non-payment.**

**UNDERGRADUATE DAY STUDENT (FULL-TIME AND PART-TIME) TUITION AND FEES FOR ACADEMIC YEAR 2009-2010**

Description of Expense	Student Classification	Payment Regulations	Expense	Payment Due Date (1)
<b>Tuition</b>				
Less than 12 credits	Part-Time Undergraduate (Day)	Deposit nonrefundable See Refund Policies	\$675/credit	\$250 deposit upon acceptance and remainder on or before e-bill payment due date
12 to 18 credits	Full-Time Undergraduate (Day)	Deposit nonrefundable See Refund Policies	\$10,100/semester	\$250 deposit upon acceptance and remainder on or before e-bill payment due date
More than 18 credits	Full-Time Undergraduate (Day)	Deposit nonrefundable See Refund Policies	\$675/credit	\$250 deposit upon acceptance and remainder on or before e-bill payment due date
All credits - Summer Terms	Undergraduate (Day)	Deposit nonrefundable See Refund Policies	\$485/credit (Sum 2009) \$510/credit (Sum 2010)	\$250 deposit upon acceptance and remainder on or before e-bill payment due date
Audit	Degree Seeking	Deposit nonrefundable See Refund Policies	\$675/credit	\$250 deposit upon acceptance and remainder on or before e-bill payment due date
Audit courses, except Applied Music and Art	Non-degree Seeking	Deposit nonrefundable See Refund Policies	\$675/credit as space is available	\$250 deposit upon acceptance and remainder on or before e-bill payment due date
<b>London Programs at Daniel House, Samford's London Study Centre, Fees* (see p. 45 for details)</b>				
<b>Residence Hall Fees, Double Occupancy†</b>				
Beeson Woods	All Students except Pharmacy	See Refund Policies	\$1,778/student/sem	On or before e-bill payment due date
West Campus	All Students except Pharmacy	See Refund Policies	\$1,778/student/sem	On or before e-bill payment due date
Evergreen Hall	All Students except Pharmacy	See Refund Policies	\$1,684/student/sem	On or before e-bill payment due date
Vail, Smith, & Pittman Halls	All Students except Pharmacy	See Refund Policies	\$1,620/student/sem	On or before e-bill payment due date
Student Apartments	All Students except Pharmacy	See Refund Policies	\$1,350/student/sem	On or before e-bill payment due date
Summer Housing (West Campus)	All Students except Pharmacy	See Refund Policies	\$570/student/each Sum 09 Term \$600/student/each Sum 10 Term	On or before e-bill payment due date
Jan Term ††	All Students except Pharmacy	See Refund Policies	\$185/student/Jan Term	On or before e-bill payment due date
<b>Board</b>				
19 meals/week + \$130 declining balance	First-Year Students and Entering Freshmen	See Refund Policies	\$1,692/Fall and Spring semesters	On or before e-bill payment due date
12 meals/week + \$130 declining balance	Resident Students - Sophomore Status	See Refund Policies	\$1,518/Fall and Spring semesters	On or before e-bill payment due date
7 meals/week + \$130 declining balance	Resident Students who have earned 64 credits or more	See Refund Policies	\$1,075/Fall and Spring semesters	On or before e-bill payment due date
19 meals/week for Summer Term	First-Year Students and Entering Freshmen	See Refund Policies	\$488/Summer Term 2009 \$512/Summer Term 2010	On or before e-bill payment due date
12 meals/week for Summer Term	All Resident Students, but excluding Entering Freshmen	See Refund Policies	\$396/Summer Term 2009 \$415/Summer Term 2010	On or before e-bill payment due date
19 meals/week for Jan Term	First-Year Students and Entering Freshmen	See Refund Policies	\$295	On or before e-bill payment due date
12 meals/week for Jan Term	All Resident Students, but excluding Entering Freshmen	See Refund Policies	\$256	On or before e-bill payment due date

Description of Expense	Student Classification	Payment Regulations	Expense	Payment Due Date (1)
<b>Special Course Fees</b>				
Exercise Science Activity Fee	All students enrolled in the following courses: First Aid Fitness Concepts Scuba Equipment Tennis/Racketball Walking/Aerobics	See Course Drops and Adds	Amount per course \$15 \$35 \$135 \$10 \$5	On or before e-bill payment due date
Family Studies Activity Fee/Lab Supplies	All students enrolled in FAMS Lab Course	See Course Drops and Adds	\$80/per course	On or before e-bill payment due date
Freshman Orientation	All Freshmen enrolled in Orientation	See Course Drops and Adds	\$175/Orientation session	On or before e-bill payment due date
Interior Design	All students enrolled in INTD Tec/Studio Crses	See Course Drops and Adds	\$ 80/semester (Sum 2009 only) \$120/semester (beg Fall 2009)	On or before e-bill payment due date
London Programs: Explorer Fee (Jan Term)	All students enrolled in London Explorer Crse	See Course Drops and Adds	TBD	On or before e-bill payment due date
London Programs: Theatre Fee (Jan Term)	All students enrolled in LOND 202	See Course Drops and Adds	TBD	On or before e-bill payment due date
London Programs: Theatre Fee (Summer)	All students enrolled in LOND 202	See Course Drops and Adds	TBD	On or before e-bill payment due date
Music: Applied Instruction	All students enrolled in an MUSA Course	See Course Drops and Adds	\$100/credit	On or before e-bill payment due date
Student Recital Fee	All students enrolled in a Recital Course	See Course Drops and Adds	\$ 50/performance	On or before e-bill payment due date
<b>Other Fees</b>				
Application Fee for Undergrad Admission	All Undergraduate Students	Nonrefundable	\$35/application	At time of application submission
Books and Supplies	All Full-Time Undergraduate Students		\$1,200 (estimate/academic year)	Cash/check/credit card at time of purchase
Business Administrative Fee	All business school majors, incl pre-business	See Course Drops and Adds	\$100/semester	On or before e-bill payment due date
Clinical Practice Fees - Nursing	All BSN students		\$400/one-time charge	On or before e-bill payment due date
Drug Screening - Nursing	All undergraduate Nursing students		\$35/per student as done	On or before e-bill payment due date
Nursing Undergraduate Technology Fee †††	All undergraduate Nursing students	See Course Drops and Adds	\$110/semester	On or before e-bill payment due date
Room Deposit	All students requiring housing	Nonrefundable	\$250/academic year	On or before e-bill payment due date
Safety Screening Fee - Education	All Education students		\$12/one-time charge	On or before e-bill payment due date
Safety Screening Fee - Nursing	All Nursing students		\$75/one-time charge	On or before e-bill payment due date
SOSA - Summer 2009	All students participating in SOSA	See Course Drops and Adds	\$250/term	On or before e-bill payment due date
SOSA - Summer 2010	All students participating in SOSA	See Course Drops and Adds	\$260/term	On or before e-bill payment due date
Technology Fee - Jan Term	All Students	See Course Drops and Adds	\$20/term	On or before e-bill payment due date
Technology Fee - Summer I, Summer II	All Students	See Course Drops and Adds	\$30/term	On or before e-bill payment due date
Technology Fee - Fall, Spring	All Students	See Course Drops and Adds	\$110/semester	On or before e-bill payment due date
University Fellows Program Fee	All University Fellows students	See Course Drops and Adds	\$500/one-time charge	On or before e-bill payment due date

SOSA=Samford Outdoor Summer Adventure

\* See p. 45 in the University-Wide Academic Opportunities section for tuition and fees applicable to London Programs. Contact the International Studies Office at (205) 726-2741 for details.

\*\* Plus 4 credits tuition at the per credit rate.

\*\*\* Plus 12-14 credits tuition at the per credit rate.

† Double rooms assigned for single occupancy are 150% of the rate for double-occupancy rooms.

†† Residence in University housing is limited during January and Summer Terms to those students who are enrolled for at least one course at Samford University during the term of residence or to those students who are required to be in residence because of approved University activities such as band or intercollegiate athletics when classes are not in session. During Fall and Spring Semesters, residence is limited to full-time students.

††† Undergraduate nursing students pay this fee and the general Technology Fee that applies to all students.

NOTE: See p. 34 for a list of General Miscellaneous Fees that apply to ALL students.

SPECIAL NOTE: Fees are subject to change without notice. See the Bursar's Office Web site for the latest tuition and fee info: [www.samford.edu/admin/bursar/fees.html](http://www.samford.edu/admin/bursar/fees.html)

**(1) Charges incurred after the e-bill has been generated for the semester/term are due on or before the e-bill due date (see Payment Schedule on p. 34 for e-bill generation date, payment due date, and drop for non-payment date). Charges incurred during the drop/add period are due when incurred. Classes may be canceled for non-payment.**

# Financial Assistance

*A financial assistance program has been established to aid students in attending Samford University. Federal and State financial aid in the form of grants, loans, and on-campus job opportunities is provided to assist students in meeting the financial responsibilities they incur at Samford. These programs are based on financial need as demonstrated by approved financial assessment instruments. In addition, the University provides scholarships, based on criteria such as academic achievement, leadership skills, need, athletic ability, or field of study. All financial aid programs are administered by the Office of Financial Aid (OFA).*



# Financial Assistance Guidelines, Programs, and Scholarships

## Application Guidelines

Application for financial assistance begins when the student applies for admission to Samford University. All students are urged to file the Free Application for Federal Student Aid (FAFSA) in order to be considered for all types of assistance. The FAFSA may be filed at [www.fafsa.ed.gov](http://www.fafsa.ed.gov). An application priority date of March 1 has been established, with students meeting this priority date comprising the first group of students awarded aid for the upcoming academic year.

The financial assistance received may be from one source, such as the federal government, or may represent a combination of sources, such as the federal government, the state of Alabama, private donors, the Alabama Baptist State Convention, the University, and lending institutions. Financial assistance awards are based on the number of credits taken by a student. Some programs require that a student be enrolled full-time. Awards may be adjusted should the student not be enrolled full-time.

## Federal Assistance Programs

Students may apply for the following federal programs which provide funds directly to the qualified student. All need-based aid requires the student to file the FAFSA in order to establish eligibility.

### Pell Grants

Federal Pell Grants are need-based grants that are available to eligible undergraduate students who are enrolled as full-time students. Other students may receive a pro-rata portion of a full-time grant.

### Supplemental Educational Opportunity Grants

Federal Supplemental Educational Opportunity Grants are awarded on a first-come, first-serve basis to our most needy Pell Grant recipients.

### Academic Competitiveness Grants

Academic Competitiveness Grants are available to eligible Pell Grant recipients in their first or second years of undergraduate study. Students must be enrolled as full-time students.

### National SMART Grants

National SMART Grants are available to eligible Pell Grant recipients in their third or fourth years of undergraduate study. Students must be enrolled as full-time students.

### Perkins Loans

Federal Perkins Loans are need-based loans awarded on a first-come, first-serve basis to eligible students.

### Stafford Loans

Federal Stafford Loans are available to students who qualify. The application process begins with certification of the application by the OFA. Application forms, available through the OFA, should be processed through the OFA at least four weeks before the beginning of a term. There are two types of federal Stafford loans: subsidized and unsubsidized. Need-based Stafford loans are subsidized (interest is paid by the federal government). For unsubsidized Stafford loans, interest is charged on the loan from the time funds are disbursed. Eligible freshmen may borrow up to \$5,500/year, sophomores \$6,500/year, juniors and seniors \$7,500/year, and graduate/professional students \$20,500/year.

### Parent Loans for Undergraduate Students (PLUS)

Federal Parent Loans for Undergraduate Students (PLUS) are available to parents of dependent undergraduate students. Eligible parents may borrow up to the difference between the estimated cost of attendance and other financial aid per year.

### Federal PLUS Loans for Graduate Students

Federal GradPLUS loans are available to students who qualify. Students may borrow up to the difference between the estimated cost of attendance and other financial aid received per year. Students must file the FAFSA in order to be considered.

### Health Professions Student Loan Program

Health Professions Student Loan Program provides loans on a limited basis to students in the McWhorter School of Pharmacy. These loans are awarded on a first-come, first-served, and need-based basis to eligible students. Parental data on FAFSA is required, even if student is independent.

### Work-Study

Federal Work-Study provides on-campus and off-campus employment to students. Work-Study awards compensate students for actual hours worked.

## Satisfactory Academic Progress Standards for Federal Assistance Programs

In order to receive financial aid (Federal Title IV funds), a student must be making satisfactory academic progress, as defined in the Academic Policies and Regulations section of this catalog.

Eligibility for federal aid from Title IV programs will be evaluated as part of the initial application process and again at the end of each academic year. In the evaluation process, all grades of W (Withdrawn) and INC (Incomplete) will be counted as credits attempted but not passed. Repeated courses will be counted as attempted. All entering students are considered to be making satisfactory academic progress until the review at the end of the first academic year.

Students cannot receive aid after they have attempted 150 percent of the credits required for completion of their academic program. Attempted transfer credits will be used to reduce that time frame.

### Undergraduate

**Qualitative**—Students must be accepted for admission and be eligible to enroll in classes. In addition, students must achieve and maintain a cumulative 2.00 GPA on all Samford University coursework.

**Quantitative**—Students must average passing 80 percent of all credits attempted in the previous year. Both Samford and transfer attempts are included in the 80 percent calculation.

### Graduate: Law, Pharmacy, and Divinity

**Qualitative**—Students must be accepted for admission and be eligible to enroll in classes. In addition, students must achieve and maintain a cumulative 2.00 GPA on all Samford University coursework.

**Quantitative**—Students must average passing 80 percent of all credits attempted in the previous year. Both Samford and transfer attempts are included in the 80 percent calculation.

### Other Graduate Programs

**Qualitative**—Students must be accepted for admission and be eligible to enroll in classes. In addition, students must achieve and maintain a cumulative 3.00 GPA on all Samford University coursework.

**Quantitative**—Students must average passing 80 percent of all credits attempted in the previous year. Both Samford and transfer attempts are included in the 80 percent calculation.

## Appeal Procedures

Students failing to meet satisfactory academic progress standards may feel there are mitigating circumstances which contributed to their failure to meet these standards. Students may choose to appeal in writing to the director of financial aid for an exception to be made based upon these circumstances. Decisions made by the director, relative to appeals, will be communicated in writing and will reflect any conditions imposed upon the student for continued eligibility. The decisions of the director are final and cannot be appealed within or outside of the University.

## State Assistance Programs

### Alabama Student Assistance Grants

Alabama Student Assistance Grants are awarded on a first-come, first-serve basis to our most needy Alabama resident Pell Grant recipients.

### Alabama Student Grants

Alabama Student Grants are available through a state entitlement program for undergraduate Alabama residents attending accredited private postsecondary institutions in Alabama. Need is not a factor and grants (subject to annual variations in funding) are available to non-church vocation majors.

## Scholarships

### Scholarships Provided By Samford University

Samford University provides considerable financial resources to students who have the capacity to contribute to the life and values of the campus community and to benefit from educational experiences offered by the University. University gift scholarships are provided to students in recognition of achievement or to assist students who have demonstrated financial need.

### General Guidelines

The Competitive Scholarship Program of Samford University is administered by the Office of Admission. Applicants are automatically considered for these merit-based awards provided all requirements/deadlines are met. Students must be enrolled full-time in order to receive scholarships. Interviews for certain scholarships may be required and will be arranged by the Office of Admission. Please contact the Office of Admission with any questions.

If a student receiving institutional aid (e.g., academic, athletic, ministerial) is guilty of a values violation and the sanction is loss of privilege, probation, residence hall suspension, University withdrawal or expulsion, the person and/or department head responsible for recommending the aid award to the student will be notified.

### Beeson Exceptional Scholars Program

Students who exhibit exceptional academic and leadership ability are nominated by their Alabama high schools. Regional winners are interviewed and selected by the Beeson Scholarship Committee. Beeson Scholars must maintain a 3.30 GPA to be considered for a scholarship renewal.

## Other Types of Scholarships Available

### Graduate Scholarships for Certified Teachers

Graduate Scholarships for Certified Teachers are granted to students who hold a professional teaching certificate or who have completed requirements for it. These scholarships apply to master's level graduate classes in education. Application should be made prior to registration to the dean of the School of Education and Professional Studies.

### Preministerial Scholars Program

Samford is committed to fielding and developing ministerial students with the highest potential for effectiveness in ministry. The Premierial Scholars Program contributes to this effort by offering a limited number of merit scholarships reserved for students who exhibit (1) clear calling to full-time ministry in a traditional church-related position, (2) high academic standards, (3) giftedness and competence in areas demanded by church-related ministries.

Applicants must have a sense of calling to full-time ministry in one of the following traditional, professional, church-related ministry vocations: senior pastor, associate pastor, minister of education, minister of music, minister of youth, minister of children, career missionary (non-medical), hospital chaplain, campus minister, pastoral counselor or seminary/religion professor. Students who intend to engage in part-time, bivocational, or voluntary ministry, or in fields such as media, elementary or secondary education, medicine, etc., do not qualify for this scholarship. Applicants must commit to a religion major or a religion minor. They must be committed to furthering ministerial formation by being admitted as degree seeking students at an accredited seminary, divinity school or religion graduate program within two years of graduation from Samford. Seminary or divinity schools must be accredited by the Association of Theological Schools. A minimum score of 26 on the ACT is required to apply for the scholarship.

Students in the program must maintain a 3.00 GPA. They must undertake ministry internships that are connected to a religion course for at least four semesters. One hour of elective credit will be offered for each internship, which may count toward a 20-hour minor. Each internship will involve regular hours of service in a local church or church-related mission organization, or through the Samford Sunday preaching program. Internships are coordinated by Project Timothy, a joint project of the Department of Religion, First Priority of Alabama, and Samford's Resource Center for Pastoral Excellence. Students must participate in at least two semesters of Ministry Cadres. Cadres supplement classroom and field experiences by providing communal, vocational and spiritual growth through scheduled gatherings. Students share ministry experiences, and specialists address critical issues of church related ministry. Cadres meet weekly on Tuesdays or Thursdays at 10:00 a.m. Because the program is a part of the University Ministries Cadre program, students also receive convocation credit for attending cadre meetings.

Preministerial scholarship amounts may be as much as \$11,000 per year. Scholarship recipients who successfully complete the requirements in the first two years may receive an increase of up to \$16,000, depending on the recommendation of the Department of Religion and the Premierial Scholars Committee.

### Minister Dependent Scholarships

Minister Dependent Scholarships are available to undergraduate students who are dependents (claimed as such on the federal tax return) of a Southern Baptist minister who is licensed or ordained and serving a church or nonacademic agency of the Southern Baptist Convention. These scholarships are renewable if the student maintains a 2.00 GPA on coursework completed at Samford. Applications are available through the OFA. Students may not receive both the Minister Dependent and Premierial Scholars Program Scholarship.

The scholarship may be awarded for a maximum of eight semesters; however, maximum aggregate eligibility will be pro-rated for entering transfer students and upperclassmen receiving this award for the first time (for example, a second semester sophomore who receives the scholarship for the first time will be eligible for a maximum of five semesters). Minister Dependent Scholarships will not be awarded for Jan Term or for summer terms. The maximum annual award is \$3,200 (\$1,600 fall and spring semesters).

### Board of Aid Scholarships

Board of Aid Scholarships are available to undergraduate Alabama Baptist ministerial students through the Board of Aid of the Alabama Baptist Convention. Application must be made each semester through the Office of the University Minister.

### Art, Music, and Theatre Scholarships

The School of the Arts at Samford University awards talent scholarships of varying amounts for students pursuing academic majors in art, music, and theatre. The Arts Web site (<http://www.samford.edu/arts>) contains information about audition and interview weekends, the separate application for admission to the School of the Arts, and other audition and interview materials. Please contact the arts recruiter at [arts@samford.edu](mailto:arts@samford.edu) for more information.

Band scholarships are available through an audition process to students of all academic majors who participate in marching band in the fall and either the wind ensemble or symphonic band in the spring. Information about band scholarship auditions can be obtained at <http://band.samford.edu> or by contacting the arts recruiter at [arts@samford.edu](mailto:arts@samford.edu).



**Air Force ROTC Scholarships**

Air Force ROTC Scholarships are available for students majoring in engineering, physics, computer science, math, and nursing. Students may compete for a four-year scholarship as a high school senior and the deadline is December 1 of their senior year. Students already in college may compete for two- or three-year scholarships. Scholarships pay all tuition and fees, reimbursement for required textbooks, and a monthly tax-free allowance.

**Army ROTC Scholarships**

Army ROTC Scholarships of two years, three years, four years, and five years are available through the Army ROTC Program at the University of Alabama at Birmingham. For details, contact the Professor of Military Science, Building 1045, 9th Avenue South, UAB, Birmingham, AL 35294, or telephone (205) 934-7215.

**Scholarship Renewal Policy**

Presidential, academic, and music scholarships are renewable for students who are enrolled for a minimum of 15 credits and who maintain a 3.00 Samford GPA. The scholarships are available for a maximum of four years (eight semesters).

Athletic aid is awarded annually on the basis of athletic ability (rather than on the basis of need and academic qualifications) and is awarded at the recommendation of the head coaches of the respective sports and by the approval of the athletic director. Student athletes will qualify for athletic aid as long as they have been admitted to the University and continue to meet the University's stated standard for satisfactory academic progress that permits them to remain enrolled as full-time students, even if they do not qualify for other types of financial aid.

**Veteran's Administration Educational Benefits**

Students who are veterans or dependents of veterans may be eligible to receive benefits through the Veteran's Administration (VA). Contact the Office of Student Records and your VA representative. The telephone number to call concerning Veteran's benefits for students in the State of Alabama is (888) GIBILL1. Samford University is approved by the VA as an eligible institution for federal benefits. In addition, the VA requires that each time a student attempts a course, the grade received must be included in the cumulative grade point average.

In order to obtain education benefits from the VA, any veteran or dependent who plans to enter Samford should:

1. Be admitted to a degree-seeking program.
2. Establish eligibility for VA benefits by completing the appropriate paperwork with the Office of Student Records or with a VA Service Office. Four to six weeks are required by the Veterans Administration for processing.

# University-Wide Academic Opportunities



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## Academic Success Center

The Academic Success Center is a resource center designed to facilitate the student's successful transition through the university. The director works closely with Admissions, the schools, Career Development, and the Counseling offices to provide academic assistance as needed. First-year students and their parents, as well as transfer students, are encouraged to take advantage of the Center's services.

### Academics

#### Academic Advising

The Academic Success Center works with faculty and professional advisors to support the advising process. First-year students and transfer students in particular can receive assistance in changing or declaring majors.

**Success Mentoring Program** offers support for conditionally admitted students and students at risk for academic difficulty. Participants are encouraged to meet with the program director in the fall semester and take advantage of special seminars offered to facilitate academic success. Freshmen on academic warning are encouraged to enroll the following spring semester and meet weekly with a mentor who can provide one-on-one support and accountability. The program is also open to other freshman students who desire to participate.

### Resources for First-Year Students

#### FOUN 101 Foundations (1)

One-hour course designed to address various issues that first-year students encounter. The course is taught by faculty and staff who are well suited to become advocates and mentors for freshmen. Topics included in the course: the mission of the University, academic advising, time management, financial management, social issues, campus involvement, faculty-student relationships, and academic success. Students are not required to enroll in the course, but most do. Students receive one academic credit for successful completion of the course.

#### FOUN 201 Foundations: Peer Mentoring (1)

Student will serve as a peer mentor for one section of Foundations and participate in a guided practicum in teaching to develop the student's instructional and leadership skills. Prereq: FOUN 101 and permission of the program director. Offered: Fall.

**Orientation and Connections:** The Academic Success Center staff participates in four Freshman Orientation sessions and one Transfer Orientation session for students and their parents, as well as Connections, a four-day "welcome back" event for entering freshmen.

**Counseling Office and Office of Disability Support Services:** The Academic Success Center works closely with these two offices as they refer students who could benefit from their services.

**Career Development Center (CDC):** Two of the CDC's counselors are specifically trained to work with first-year students who are interested in exploring majors and career opportunities. The Academic Success Center often refers students to the CDC.

#### Contact Info:

Academic Success Center  
Bridget Rose, Director  
127 Brooks Hall  
Telephone: (205) 726-2229  
bcrose@samford.edu

Angie Fine, Administrative Assistant  
127 Brooks Hall  
Telephone: (205) 726-2216  
FAX: (205) 726-2495  
afine@samford.edu

Please visit [www.samford.edu/groups/fyi](http://www.samford.edu/groups/fyi) for more information.

## Christianity, Women, and Leadership Studies

### Christianity, Women, and Leadership Studies (CWLS) Minor

The interdisciplinary minor in Christianity, women, and leadership studies unites Samford's Christian liberal arts curricula and Samford University faculty expertise in areas of gender, leadership, and religion—historically and interculturally. The program is designed to enhance a student's own leadership experiences with a greater appreciation and understanding of women's leadership and experiences in general. The program includes student projects and/or mentored service-learning opportunities in areas of interest to the student. The minor is open to and supports any academic major. The minor welcomes both female and male students and provides a combination of single-sex and co-educational learning opportunities consistent with Samford University's mission. For further information please contact (205) 726-4194 or e-mail: [cwl@samford.edu](mailto:cwl@samford.edu).

<b>Christianity, Women, and Leadership Studies Minor Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>CWLS Core:</b>		<b>8</b>
CWLS 201 Women and Society	4	
CWLS 440 Seminar in CWLS	4	
<b>Leadership Component (choose one):</b>		<b>3-4</b>
EDUC 307 Foundations of Leadership	4	
MNGT 405 Leadership	3	
<b>Religion Component (choose one):</b>		<b>4</b>
RELG 204 Formation for Christian Ministry	4	
RELG 221 Christian Theology	4	
RELG 310 Theories of Faith Development*	4	
<b>Interdisciplinary Options** (choose from the following):</b>		<b>3-4</b>
COMS 325 Small Group Communication	4	
COMS 415 Persuasion	4	
CWLS 301 Special Topics in CWLS	1-4	
ENGL 309 Special Topics***	4	
FAMS 413 Multicultural and Gender Perspectives	4	
HIST 402 The History of American Women	4	
HIST 438 The Family, Sex, & Marriage in Modern Europe	4	
MNGT 400 Managerial Values	3	
NURS 320 Eating & Body Image Disorders	3	
PHIL 311/RELG 311 Philosophy of Religion	4	
PHIL 314 Philosophical Ethics	4	
POLS 316 Public Administration	4	
PSYC 324 Human Sexuality	4	
RELG 302 History of Christianity	4	
RELG 304 History of Christianity in America	4	
RELG 310 Theories of Faith Development*	4	
RELG 313 Preaching	4	
RELG 314 Christian Spirituality	4	
RELG 333/SOCI 333 Sociology of Religion	4	
RELG 350 Jesus and the Gospels	4	
RELG 354 Pastoral Theology	4	
RELG 355 Missiology	4	
RELG 361 Pastoral Care	4	
RELG 497 Special Topics***	4	
SOCI 409 Special Topics***	2-4	
300-400-level elective**	4	
<b>Total Required Credits</b>		<b>18-20</b>

\* RELG 310 may be used to satisfy either the Religion Component or the Interdisciplinary Option, but not both.

\*\* Check with departments for prerequisites and offerings.

\*\*\* Special Topics courses must be approved by the CWLS advisor.

## CWLS Courses

### CWLS 201 Women and Society (4)

Historical and cross-cultural survey of women's experiences in various societies, including case studies, precedents for cultural transformation, qualities of leadership, the role of faith in female activism, and ways in which women have continually negotiated culture, prescribed social roles, community, and individualism. Prereqs: Completion of UCCA and UCCP or permission of the instructor.

### CWLS 301 Special Topics in Christian Women's Leadership Studies (1-4)

Opportunity for in-depth study of a specific topic taught by SU faculty in their area of expertise: course format includes student reading and research, group discussion, guest lectures, field trips, and service learning. Prereq: CWLS 201 or permission of the instructor.

### CWLS 440 Seminar in Christian Women's Leadership Studies (4)

The capstone course for the CWLS minor, this seminar takes an interdisciplinary approach to allow students to synthesize their previous coursework, independent research projects, theory critiques, and original ideas in relation to various contemporary issues, professions, and majors.

## Cooperative Education Program

Cooperative Education is a structured educational strategy integrating classroom studies with learning through productive work experiences in a field related to a student's academic or career goals. The word "cooperative" is used to mean a cooperative relationship among students, employers, and educational institutions. The integrating of academic experience with meaningful work experience is obtained through alternating or parallel co-oping in a formalized sequence with study leading to degree completion of an academic program. Credit is on a pass/fail basis, with no quality points earned. The program is administered through the Career Development Center.

## Health Professions Program

Pre-Dentistry  
Pre-Medicine  
Pre-Optometry  
Pre-Veterinary Medicine

The quality of pre-professional training for the health sciences is important not only in establishing a firm base for the professional school curriculum but also in providing an intensive cultural background for a full and satisfying life. The health-oriented professional schools, consequently, urge students to get as broad a general education as possible at the undergraduate level. The liberal arts university continues to be the overwhelming preference of the professional schools for the preparation of students for careers in health professions. Samford University has a long tradition of preparing students for careers as physicians, dentists, optometrists, and veterinarians; alumni serve with distinction in every area of health care.

It should be noted that the professional schools have no preferred major; science majors have no advantage over humanities majors in gaining admission to professional school. Therefore, students are encouraged to major in an area they prefer and might use in the future if their career plans change. However, certain minimum math and science requirements must be completed in order to be competitive in the professional school selection process. Recommended advanced science courses will improve students' competitive edge as well as their readiness for graduate study.

Entrance requirements vary among professional schools, but the basic required science courses are very similar. While making progress toward completing the University core and general education curricula and major requirements, students also must take the following:

1 year of general biology with lab  
1 year of general chemistry with lab  
1 year of organic chemistry with lab  
1 year of general physics with lab  
1 year of mathematics  
1 year English composition

The specific courses a student takes will vary somewhat depending on that student's major; the Health Professions Committee can assist with specific course selection. These minimal courses should be completed during the first three years of study in order to be prepared for professional school admission tests, such as the Medical College Admission Test (MCAT), the Dental Admission Test (DAT), or the Optometry Admission Test (OAT).

The Health Professions Committee works closely with students at all stages of their undergraduate career, answering questions concerning career choice, course selection, professional school preparation, and the application process. The committee also is in regular contact with regional professional schools and their admissions directors. Students are strongly advised to make contact with the Health Professions Committee early in their academic career and regularly update the committee on their progress and plans. This frequent contact is crucial since the committee will prepare the student's composite letter of recommendation, which is sent to the professional schools as part of the application process. In addition, there are many health professions-related activities throughout each academic year, including visits by professional school admission personnel and practicing health care professionals, and students are encouraged to make the most of these opportunities. Contact the Health Professions Committee through George Keller (chair) at (205) 726-2033, gekeller@samford.edu, or David Garza at (205) 726-2455, dggarza@samford.edu

## Inter-Campus Exchange Program–Birmingham Area Consortium for Higher Education (BACHE)

Samford University cooperates with the University of Alabama at Birmingham (UAB), Miles College, University of Montevallo, and Birmingham-Southern College in a student exchange program known as the Birmingham Area Consortium for Higher Education (BACHE). The program is designed to expand the undergraduate educational opportunities for students at these institutions. This arrangement affords full-time Samford day students the opportunity to enroll in a course at another institution. Through collaboration, consortium members are able to expand education opportunities in critical areas, such as environmental studies, foreign languages, and Asian Studies.

Credit for work taken at UAB, Miles, Montevallo, or Birmingham-Southern while a student is enrolled for courses during fall or spring semesters at Samford University will be recorded as if earned at Samford University and will be treated as quality credits, not transfer credits. Students who propose to take courses at UAB, Miles, Montevallo, or Birmingham-Southern must obtain approval from the appropriate academic dean and the Office of Student Records. A student may take only one course in the BACHE program per semester. Registration for this course will be a part of the regular Samford University registration procedure, and students will pay tuition for this course at Samford in the usual manner.

Credit for work taken at UAB, Miles, Montevallo, or Birmingham-Southern during Samford University's summer terms may be recorded either as exchange credit or as transient credit. Registration for transient credit will be a part of the regular UAB, Miles, Montevallo, or Birmingham Southern registration processes, and students will pay tuition for these courses at either UAB, Miles, Montevallo, or Birmingham-Southern. A Transient Application Form must be completed prior to enrollment. These application forms are available in the Office of Student Records.

## International Programs

Samford offers opportunities to travel and study in foreign countries for credit. The purpose of these programs is to prepare Samford students for global citizenship in the 21st century. More specifically, Samford intends to expose students and faculty to the peoples and cultures of other nations; to provide on-site observation of historical, scientific, and cultural phenomena; and to provide opportunities for foreign language study within the cultural context of the target languages.

Withdrawal and refund policies for international study-abroad programs are different from the policies for on-campus programs. Before registration in any study-abroad program, please see the appropriate office for the policy.

### Cumberland School of Law International Study Programs

Cumberland School of Law offers opportunities for U.S. law students to study abroad, and for non-U.S. students to study on the Samford campus. Participating U.S. students gain international perspective by studying and living in a legal system and culture different than their own. These programs also enhance the international perspective of students who remain in the U.S., by bringing students from other nations to the Samford campus. A study abroad program in Cambridge, England, gives J.D. students the opportunity for comparative study of U.S., British, and European Union law, in an historic and attractive setting at Sidney Sussex College, Cambridge. Cumberland's master of comparative law (M.C.L.) degree program is designed for graduate lawyers, judges, prosecutors, and legal educators from outside the U.S., who learn about the U.S. legal system and culture; participants spend two summers taking courses in residence at Cumberland (with the option to attend the Cambridge study-abroad program) and write a thesis. Under a cooperative arrangement between Cumberland and The Norwich Law School at the University of East Anglia in Norwich, England, British law students have the opportunity to study in the U.S., and Cumberland graduates have the opportunity to study in the U.K. Participating Norwich LL.B students spend a year at Cumberland after their first year of legal studies at Norwich. Two Cumberland J.D. graduates each year are awarded full-tuition scholarships for studies toward an LL.M degree at Norwich.

### Hong Kong Baptist University

Samford established a relationship with Hong Kong Baptist University (HKBU) during the 1997–98 academic year, which allows students to study there for one or two semesters. Hong Kong Baptist University is a highly respected university founded by Baptists and serves a multicultural mix of students from around the

world. Coursework is offered in English in almost all areas of undergraduate study that Samford has. There should be no difficulty in arranging courses at HKBU that will meet major requirements at Samford.

Samford students approved to attend HKBU pay Samford tuition. In addition, the student is responsible for the cost of accommodations, meals, round-trip airfare, an administration fee set by HKBU, and other personal expenses. Financial aid is available for those who qualify. Junior or senior students interested in applying to HKBU should contact the International Studies Director in Brooks Hall or call (205) 726-2064 early in the semester prior to attendance.

### Pädagogische Hochschule Weingarten

In 2006, Samford University established an exchange program with Pädagogische Hochschule Weingarten. Located in the picturesque town of Weingarten, the city forms part of a thriving community in southern Germany near both Lake Constance and the Alps. In 1958, Pädagogische Hochschule Weingarten was renamed as an educational university. The majority of students at the University of Education follow the basic undergraduate curriculum in education. These courses are divided into degree tracks for primary/junior and secondary/high school. The university offers a wide variety of subjects for teacher training, including humanities, fine arts, and physical education. Successful Samford exchange students may study at the university for either one semester or a full year. Samford students pay Samford tuition and are responsible for room, board, round-trip transportation, local transportation, medical insurance and health service fees, passport and visa costs, course materials, and personal and incidental expenses. Financial aid is available for those who qualify. Junior and seniors who are interested in applying to Weingarten should contact the International Studies Director in Brooks Hall or call (205) 726-2064 early in the semester prior to intended attendance.

### Seoul Women's University, Seoul

Seoul Women's University offers an exchange program during the fall and spring terms. Successful semester exchange students will earn 12-18 credits, applied appropriately. Samford students pay Samford tuition and are responsible for room, board, round-trip transportation to Seoul, local transportation in Korea, medical insurance and health service fees, passport and visa costs, course materials, and personal and incidental expenses. The language of instruction is English. Financial aid is available for those who qualify.

Also available is the Bahrom International Program, a three-credit, four-week summer program that guides the students to experience various aspects of

## LONDON PROGRAMS AT DANIEL HOUSE - SAMFORD'S LONDON STUDY CENTRE FEES FOR ACADEMIC YEAR 2009-2010\*

Description of Expense Schedule	Student Classification	Payment Regulations	Expenses		Deposit and Fee Payment <sup>(1)</sup>
			Basic Fee	Misc Fees	
Summer Term 2009	Full-Time Undergraduate, <i>except Freshmen</i> , not on academic or disciplinary probation, and 2.00 GPA or greater	Deposit nonrefundable Contact International Studies Office for cancellation and refund policies (726-2741)	TBD**	TBD - Theatre	TBD deposit (check or cash only) due at time of application for study abroad, prior to online registration for course(s). Due date for remainder available from International Studies Office.
Jan Term 2010	Full-Time Undergraduate, not on academic or disciplinary probation, and 2.00 GPA or greater	Deposit nonrefundable Contact International Studies Office for cancellation and refund policies (726-2741)	TBD**	TBD - Theatre TBD - Pharmacy TBD - Explorer	TBD deposit (check or cash only) due at time of application for study abroad, prior to online registration for course(s). Due date for remainder available from International Studies Office.
Semester Abroad (Fall or Spring)	Full-Time Undergraduate, <i>except Freshmen</i> , not on academic or disciplinary probation, and 2.00 GPA or greater	Deposit nonrefundable Contact International Studies Office for cancellation and refund policies (726-2741)	TBD***		TBD deposit (check or cash only) due at time of application for study abroad, prior to online registration for course(s). Due date for remainder available from International Studies Office.

\* All fees are subject to change; contact the International Studies Office, London Programs for details.

\*\* Plus 4 credits tuition at the per credit rate.

\*\*\* Plus 12-14 credits tuition at the per credit rate.

NOTE: See p. 34 for a list of General Miscellaneous Fees that apply to ALL students.

SPECIAL NOTE: Fees are subject to change without notice. See the Bursar's Office Web site for the latest tuition and fee info: [www.samford.edu/admin/bursar/fees.html](http://www.samford.edu/admin/bursar/fees.html)

**(1) Charges incurred after the e-bill has been generated for the semester/term are due on or before the e-bill due date (see Payment Schedule on p. 34 for e-bill generation and payment due dates). Charges incurred during the drop/add period are due when incurred. Classes may be canceled for non-payment.**

Korean culture: history, contemporary issues, religion and thought, architecture, food, film, politics, economics, music and more. All participants are matched with a Korean partner. The language of instruction is English. Accepted students pay Samford tuition; there is a registration fee. Participants pay additional personal expenses including round-trip airfare. A valid passport and a student visa are required. For more information and an application form, contact the International Studies Director in Brooks Hall or call (205) 726-2064.

### Language Study Abroad

Samford's Department of World Languages and Cultures, through affiliations with other institutions abroad, offers numerous opportunities for living and studying in the culture of the target language.

**Summer Programs:** Samford in Spain gives students the choice of studying for five or nine weeks at the Estudio Sampere in Madrid. Students can study in France for five weeks during the summer under the tutelage of French professors at the Université Stendhal, Grenoble. Students of German are offered the opportunity to study for five weeks at Sprachinstitut-Trefpunkt in Bamberg, Germany.

**Jan Term:** Small, intensive Spanish classes are held for three weeks at the Centro Lingüístico Conversa in Santa Ana, Costa Rica.

**Semester Abroad:** As a cooperating member of several consortia, Samford students can study abroad worldwide. Through Samford's membership in Associated New American Colleges (ANAC), a group of 22 universities and colleges, students can apply to study abroad with a number of programs in China, Norway, Austria, Greece, Senegal, and Japan. Samford is also a member of the Council on International Educational Exchange (CIEE). Through CIEE, Samford students can study abroad in any one of 118 programs offered in 40 different countries in more than 40 academic areas. Students may also participate in programs from the American Institute for Foreign Studies (AIFS) and Cultural Experiences Abroad (CEA).

**Internships:** In addition, international internships that require the use of another language are arranged on an individual basis in various professional fields, such as business and missions. For more information about these opportunities, contact the Department of World Languages and Cultures at (205) 726-2742 or (205) 726-2747.

### London Programs at Daniel House, Samford's London Study Centre

As part of its commitment to internationalization of the curriculum, Samford University provides a special opportunity for students and faculty to live and study in one of the most cosmopolitan and culturally rich cities of the world—London. Daniel House, Samford's London Study Centre, serves as home and classroom to students and faculty throughout the year in a variety of academic programs.

Daniel House is located in the heart of London near Kensington Gardens, the Victoria and Albert Museum, the Museum of Natural History, and the former residences of Winston Churchill, T.S. Eliot, Alfred Hitchcock, and John Lennon. Over 130 years old, the Georgian townhouse serves as the setting for a semester abroad program during fall and spring semesters for students and professors-in-residence from the Birmingham campus. In addition to courses taught by the Samford professors in their fields, British professors lecture in offerings that focus on British theatre, history, culture, and life. Students may also participate in experiential learning courses to complete their course of study.

During Jan Term, Daniel House is the base for a large number of Samford faculty and students involved in accelerated, special courses that take advantage of the London setting. Two two-week sessions offer a variety of courses focusing on such subjects as art/drama appreciation, English literature, the British health care system, the theology and history of the English Reformation, and London as a world financial center. Students have the option of traveling for the two weeks they are not in class.

Summer Term in London allows students to do an in-depth study in one interdisciplinary course offered in a four-week term. Students may elect to add travel time at the end of their studies.

In addition to an interdisciplinary course taught by the professor-in-residence, courses listed under "Semester Abroad Courses" are offered in the fall and spring Semester Abroad Program only. Courses taught in Jan Term and in the Summer Term in London vary each term. Current information is available from the International Studies Office. For more information on any of the programs based at Daniel House, please contact the International Studies Office in Brooks Hall 130, phone (205) 726-2741, or online at [www.samford.edu/groups/international](http://www.samford.edu/groups/international).

### Eligibility

All Samford University students are welcome to apply to study at the London Study Centre. In addition, the applicant must have a minimum 2.50 GPA, must not be on academic or disciplinary probation, and (with the exception of Jan Term) must have sophomore standing or above at the time of participation. Students must have met all prerequisites or requirements for London classes in which they enroll. A student must maintain these standards prior to departure and throughout the term in London and must abide by participation and housing rules; failure to do so will result in dismissal from the program and return home at the expense of the student.

### Cost and Activities

**Semester Abroad:** A program fee includes round-trip airfare from Atlanta, airport transfers in London, accommodations at Daniel House for 14 weeks, daily continental breakfast, weekly meal allowance, cell phone, medical insurance, two excursions in the U.K., a weekend in Paris, and eight nights at the London theatre. Tuition is billed separately. (Expenses not covered include Greater London transportation, spending money, and individual travel and activities, including the two-week travel break.)

**Jan Term:** The program fee covers round-trip airfare from Atlanta, accommodations at Daniel House during the term, daily continental breakfast, airport transfers in London, medical insurance, and class activities per selection of the professor. (Expenses not covered include Greater London transportation, spending money, meals other than breakfast, and individual travel and activities.)

**Summer Term:** The program fee covers round-trip airfare from Atlanta, accommodations at Daniel House during the term, daily continental breakfast, weekly meal allowance, airport transfers in London, class activities, and one day trip. (Expenses not covered include Greater London transportation, spending money, and individual travel and activities.)

### Cancellation and Refund Policy

A different policy applies to the London Programs than the policy for on-campus programs published in this catalog. The London Programs policy is available from the International Studies Office and at the information meeting. Students are advised to read it prior to enrolling in the program. All scholarships and loans held by students may be applied.

## Summer Term at Daniel House

Courses vary. Current information is available from the International Studies Office.

## Jan Term at Daniel House

### LOND 202 Appreciation with a British Accent (4)

On-site study of the cultural, historical, and literary significance of art and theatre in the city of London through the ages. This course employs the ample theatrical and artistic resources of London with visits to museums, backstage tours, and theatre attendance. Lectures supplement the course with context and critical appraisal. Meets the general education fine arts requirement. Offered: Jan Term.

Other courses vary. Current information is available from the International Studies Office.

## Semester Abroad Courses at Daniel House

Because of the nature of the program and the small number of participants in a semester, course offerings are limited. It is recommended that students contact the International Studies Office early in their academic career to plan for a semester in London.

### LOND 200 The British Theatre (2)

Study of British drama using classroom discussion and live theatre. Students experience a variety of venues and dramatic genres as they attend a series of plays in London's theatre districts. Class meetings emphasize discussion and critical thinking that allow students to approach live drama as an informed audience. May be substituted for THEA 200, general education fine arts requirement. Offered: Fall and Spring.

### LOND 201 Music and Art in London (2)

Interdisciplinary course combining the visual and musical resources of London's National Gallery, Tate Gallery, British Museum, Royal Albert Hall, the West End Theatre District, and other venues for an enriching experience in the arts. May be substituted for ART 200 or MUSC 200, general education fine arts requirement. Offered: Fall and Spring.

### LOND 360 British Heritage and Culture (4)

Interdisciplinary study of the British Isles from a variety of perspectives, including history, literature, politics and government, art and architecture, education, religion, race, class, and gender. Lectures by British professors are supplemented by visits to museums, political institutions, and other historic sites in London. This course may be taken as part of the Semester Abroad Program only. Satisfies the general education social science or humanities requirement. Offered: Fall and Spring.

### LOND 399 London Study Topics (4)

Interdisciplinary course, cross-listed with various schools and departments, takes advantage of the particular expertise of the professor and of the resources available in the London setting. Offered: Fall, Spring, and Summer I.

### Internships (2-4)

A limited number of internships (experiential learning courses or voluntary work placements) are available in business, legal, political, educational, medical, and other professional settings. Details available from the International Studies Office. A 3.00 GPA is required. May be taken as part of the Semester Abroad Program only. Offered: Fall and Spring.

### 361 Bridging London (4)

Field-based exploration of the geography of London and its environs. Students investigate historical development, commerce, naval power, imperialism, colonialism, scientific achievement, industrial revolution, financial systems, economic frameworks, transportation, governance, urban design, community, culture, society, ethnicity, international significance, and the intersection between globalization and urbanization. In a given term, when offered, course may be co-listed as CLAS 361, GEOG 361, HIST 361, JMC 361, POLS 361, and/or SOCI 361. Offered: Jan Term, on rotation.

## Pre-Law Advising

### Advisor

Randolph C. Horn, Associate Professor, Political Science

The pre-law advisor seeks to guide and to prepare students in all major fields for successfully applying to the law schools of their choice. The pre-law advisor offers advice and support to students who are interested in attending law school. Pre-law students can participate in the Samford Pre-Law Society and Mock Trial Competition; each offers valuable knowledge and expertise.

Students who have an interest in attending law school should contact the pre-law advisor shortly after enrolling at Samford to receive information and correspondence regarding law school preparation. First-year students undecided about their major may wish to be advised by the pre-law advisor until they choose their major. Information on the program can also be found on the University's Web site at: [www.samford.edu/groups/prelaw](http://www.samford.edu/groups/prelaw).

### Samford Pre-Law Society

The Samford Pre-Law Society is an organization of pre-law students who meet regularly to sponsor speakers, interviews, or information sessions on topics of interest to pre-law students. The Samford Pre-Law Society is an official campus organization that is governed by students and sponsored by the pre-law advisor and an advisory board of faculty and staff members who have expertise in helping students apply to law school. Any Samford student is eligible to join and to participate in its meetings.

### Admission to Law School

Throughout the year, the program will sponsor workshops featuring practical guidance in taking the LSAT and in putting together the application package. Among the speakers and participants are other undergraduate students who are currently taking the LSAT and applying for law school, law students who offer advice on the law school experience, and representatives from law schools around the country.

Periodically, the program will offer a seminar, "Introduction to the Legal System," taught by the pre-law advisor or by a member of the Cumberland School of Law faculty. This seminar can be counted as an elective toward graduation.

For the majority of law schools, the most important parts of the application package are academic performance and LSAT scores. Therefore, students should concentrate on making their best grades in a challenging course of study, as well as on preparing for the LSAT. Extracurricular activities, particularly those that involve community service, may also carry some weight. Recommendations of your potential for success are also important, but recommendations from teachers who know your abilities are by far the most valuable.

## Pre-Law Course

### PLAW 100 Mock Trial (1)

For students interested in developing trial advocacy skills; practical course offering preparation for mock trial competition. May be repeated for up to four hours credit. Grading is pass/fail. Offered: Fall.

## Pre-Law Curriculum

Samford does not recommend a particular major but does recommend a challenging, rigorous undergraduate curriculum that places emphasis upon developing the student's experience and skill in reading comprehension, in the use of language, in understanding human institutions and values, and in critical analysis. A student should consider his or her area of special aptitude. The pre-law student at Samford must first satisfy the University Core Curriculum and General Education Requirements. In addition, the student should:

1. Choose a traditional major.
2. Select an advisor in that major field.
3. Complete the required curriculum in the major and minor fields or concentration.

**The pre-law advisor will help students select elective credits, certain courses that most law schools strongly recommend.**

**Recommended courses are:**

<b>Business</b>	Accounting Legal Environment of Business Economics
<b>Communication Studies</b>	Argumentation and Debate Persuasion Oral Communication
<b>English Literature</b>	Novels, Short Fiction, Poetry, or Drama Shakespeare History of the Language
<b>Geography</b>	World Geography
<b>History</b>	History of the United States United States Constitutional History
<b>Journalism</b>	Law of Mass Media
<b>Math</b>	Statistics
<b>Philosophy</b>	Ethics, Introduction Logic
<b>Political Science</b>	Intro to American Politics Law and the World State and Local Government
<b>Psychology</b>	Introductory course
<b>Sociology</b>	Introductory course

## Reserve Officer Training Corps (ROTC) Air Force ROTC

### Administration

Gregory S. Stanley, Professor, Aerospace Studies

### Faculty

Dwayne E. Custer, Assistant Professor, Aerospace Studies

Heidi C. McKenna, Assistant Professor, Aerospace Studies

## Undergraduate Programs and Requirements

### Courses

General Military Course  
Professional Officer Course

### Minor

Aerospace Studies

The Air Force Reserve Officer Training Corps (AFROTC) Program is offered at Samford University and to students at cross-town schools in the Birmingham area including: Birmingham-Southern College, Miles College, University of Montevallo, University of Alabama at Birmingham (UAB), and Jefferson State Community College. Students enrolling will attend class at Samford or UAB. Call the Detachment for course offering details. You will need the class and lab schedule from the Detachment to help avoid scheduling conflicts (205) 726-2859.

The AFROTC provides college men and women the opportunity to attain a commission as a Second Lieutenant in the United States Air Force upon graduation from college. The program is divided into the General Military Course (GMC) and the Professional Officer Course (POC). The GMC includes the freshman-level and sophomore-level courses and is open to all students without military obligation. The POC includes the junior-level and senior-level courses for those committed to service on active duty. Uniforms and textbooks for all aerospace studies courses are provided at no charge.

### Scholarship Programs

Some freshmen enter AFROTC with a four-year college scholarship. Interested high school students should apply online at [www.afrotc.com](http://www.afrotc.com). Applications are due by December 1 of their senior year in high school. Students receiving a scholarship may be eligible for additional room and board subsidy at Birmingham-Southern. Contact the Detachment for details.

Most freshmen and sophomores enter AFROTC without a scholarship. Once in the AFROTC program, these students apply for in-college scholarships. For additional information, contact the AFROTC at Samford University, (205) 726-2859.

Freshmen and sophomores are able to compete for two-year and three-year scholarships through the In-College Scholarship Program (ICSP). Scholarship awards are up to \$18,000 for tuition, \$900 for books, and \$300-500 monthly tax-free stipend.

**Express Scholarship.** The Air Force has identified several technical, medical-related, and certain foreign language majors to award immediate scholarships. Students must simply meet minimum requirements to receive the scholarship. They do not have to meet a board or compete for the scholarship. The scholarship pays tuition up to \$18,000, \$900 for books, and a \$300-500 monthly tax-free stipend. Call the Detachment for a current list of majors and qualifications (205) 726-2859.

### Leadership Laboratory (LLab)

Leadership Laboratory is an integral part of the AFROTC Program. Each academic class has an associated leadership laboratory that meets for two hours each week. It provides an opportunity for students to apply classroom teachings in a military training environment. Instruction is conducted within the framework of an organized cadet corps with a progression of experiences designed to develop leadership potential. Leadership Laboratory involves a study of the life and work of Air Force junior officers. Students develop their leadership potential in a practical, supervised laboratory, which typically includes field trips to Air Force installations throughout the United States.



The first two years of Leadership Laboratory involve activities classified as initial leadership experiences. This includes studying Air Force customs, courtesies, drill and ceremonies; giving military commands; instructing, correcting, and evaluating the preceding skills; studying the environment of an Air Force base; and learning about career opportunities available to commissioned officers.

The last two years of LLab consist of activities classified as advanced leadership experiences. They involve planning, organizing, coordinating, directing, and controlling the military activities of the cadet corps; preparing and presenting briefings and other oral and written communications; providing interviews, guidance, and information to increase the understanding, motivation, and performance of other cadets.

### Field Training

All cadets in the AFROTC must complete Field Training. It is offered during the summer months at selected Air Force bases throughout the United States and normally occurs between the sophomore and junior years. It is an intense training environment designed to orient students toward service in the United States Air Force. The major areas of study include officership training, aircraft and aircrew orientation, career orientation, survival training, Air Force environment, and physical training. Cadets who have completed all courses in the GMC participate in **four weeks** of field training. Students who have not completed all of the courses in GMC participate in **six weeks** of field training. The additional weeks of training will provide the student with the basic knowledge and skills offered in GMC.

### Intern Programs for Qualified Cadets

AFROTC cadets also compete for additional training programs such as FREEFALL (parachuting), SOAR (glider training), ASSIST (Officer Shadow Program), Nurse Orientation Program (NOP), Flight Nurse NOP, Survival Training, Overseas Base Orientation, Engineering Orientation Program, and more. These programs take place between the freshman-sophomore and junior-senior years. They allow cadets to see real-world Air Force officers operating on a daily basis and provide exposure to opportunities they might not otherwise receive.

## Air Force ROTC Courses

Classes conducted at Samford University and UAB. Call Detachment for course schedule (205) 726-2859.

### AERO 101 The Air Force Today I (1)

A course covering topics relating to the Air Force and national defense, as well as purpose, structure, and career opportunities in United States Air Force. Written communications. Students should also take AERO 101 LLab. Offered: Fall only.

### AERO 102 The Air Force Today II (1)

Interpersonal communications, effective listening techniques, and verbal and non-verbal communications. Practical exercises and group projects demonstrate barriers to effective communication and techniques to overcome barriers. Development and presentation of strategy, technique, and delivery of effective oral presentations. Students should also take AERO 102 LLab. Offered: Spring only.

### AERO 201 Development of Air Power I (1)

Historical survey of technological innovation in warfare. Focus on the emergence of air power and its significance in war and national security policy implementation. Advanced practical application of written communications skills. Students should also take AERO 201 LLab. Offered: Fall only.

### AERO 202 Development of Air Power II (1)

Leadership and followership traits in context of modern military force. Ethical standards of military officers and Air Force core values. Total quality management. Advanced application of oral communication skills. Organization, research, delivery, and audience analysis for briefings and presentations. Group communications. Students should also take AERO 202 LLab. Offered: Spring only.

## General Military Course (GMC)

These courses are open to all students regardless of qualifications for military service or intent to compete for commission. As part of the GMC, students examine the basic organization and structure of the Air Force, appreciate the historical significance of air power, and apply basic communications skills. Each course is one semester hour credit.

General Military Course Required Courses	Course Credits	Total Required Credits
<b>Aerospace Studies</b>		<b>4</b>
AERO 101 The Air Force Today I	1	
AERO 102 The Air Force Today II	1	
AERO 201 Development of Air Power I	1	
AERO 202 Development of Air Power II	1	
<b>Total Required Credits</b>		<b>4</b>

## Professional Officer Course (POC)

Students who complete the GMC and desire to serve on active duty in the Air Force continue training in the POC. The AFROTC can also accept application of non-GMC students to enroll in the one-year or two-year programs. **If you are a junior, senior, or graduate student who has never participated in AFROTC, you may still be eligible for the POC.** Call the Detachment to find out if you are qualified. The Professor of Aerospace Studies at Samford University may approve entry into the POC. The POC is designed to provide students with advanced leadership training, a background in military history with particular attention paid to the role of air power, and a complete understanding of the national security process. The POC will prepare men and women with the skills necessary to be a leader in the United States Air Force.

Professional Officer Course Required Courses	Course Credits	Total Required Credits
<b>Aerospace Studies</b>		<b>12</b>
AERO 301 Air Force Leadership and Management I	3	
AERO 302 Air Force Leadership and Management II	3	
AERO 401 National Security Policy I	3	
AERO 402 National Security Policy II	3	
<b>Total Required Credits</b>		<b>12</b>

## Aerospace Studies Minor

Aerospace Studies Minor Required Courses	Course Credits	Total Required Credits
<b>Aerospace Studies Minor</b>		<b>18</b>
AERO 101* The Air Force Today I	1	
AERO 101* Leadership Lab	0	
AERO 102* The Air Force Today II	1	
AERO 102* Leadership Lab	0	
AERO 201* Development of Air Power I	1	
AERO 201* Leadership Lab	0	
AERO 202* Development of Air Power II	1	
AERO 202* Leadership Lab	0	
AERO 300* Field Training	2	
AERO 301 Air Force Leadership & Management I	3	
AERO 301 Leadership Lab	0	
AERO 302 Air Force Leadership & Management II	3	
AERO 302 Leadership Lab	0	
AERO 401 National Security Policy I	3	
AERO 401 Leadership Lab	0	
AERO 402 National Security Policy II	3	
AERO 402 Leadership Lab	0	
<b>Total Required Credits</b>		<b>18</b>

\*AERO 250 (Field Training-6 credits) may be substituted for AERO 101, 102, 201, 202, and 300.

**AERO 250 Field Training (6)**

Six-week training and evaluation course to select potential candidates for POC. Includes all topics in AERO 101, AERO 102, AERO 103, AERO 201, AERO 202, and AERO 203. Rigorous physical training. This course is offered at selected Air Force bases in the United States. Prereq: Permission of professor of aerospace studies. Offered: Summer only.

**AERO 300 Field Training (2)**

Four-week training and evaluation course to select potential candidates for POC. Rigorous physical training. This course is offered at selected Air Force bases in the United States. Prereq: Permission of professor of aerospace studies. Offered: Summer only.

**AERO 301 Air Force Leadership and Management I (3)**

Selected concepts, principles, and theories of Air Force leadership and management. Individual leadership skills and personal strengths and weaknesses as applied to an Air Force environment. Students should also take AERO 301 LLab. Offered: Fall only.

**AERO 302 Air Force Leadership and Management II (3)**

Selected Air Force officer's duties and responsibilities as a subordinate leader. Responsibility and authority of an Air Force Officer. Application of listening, speaking, and writing skills in Air Force-peculiar formats and situations with accuracy, clarity, and appropriate style. Air Force officer's responsibilities in personnel counseling and feedback process. Students should also take AERO 302 LLab. Offered: Spring only.

**AERO 401 National Security Policy I (3)**

Basic elements of national security policy and process. Roles and missions of air power in implementing national security policy. Students should also take AERO 401 LLab. Offered: Fall only.

**AERO 402 National Security Policy II (3)**

Contemporary roles for the military in society and current issues affecting the military profession. Comparative analysis of civil and military justice systems. Students should also take AERO 402 LLab. Offered: Spring only.

**Army ROTC**

The Army ROTC office is located on the University of Alabama at Birmingham (UAB) campus. Under the Cooperative Exchange Program and a partnership agreement, Samford University students are eligible to participate. Course credits are granted on a semester credit/hour basis. Registration for the classes should be coordinated through the student's advisor. UAB parking permits may be picked up in Samford Office of Student Records.

**University Fellows Program—Core Curriculum and General Education Requirements**

**University Fellows Staff**

Director, Professor of English . . . . . Christopher Metress  
 Professor of Ethics . . . . . Wilton H. Bunch  
 Assistant Director . . . . . Ashley Floyd  
 Program Assistant . . . . . Cindy Kennington

The University Fellows Program is limited to 40 students per year. Successful applicants will typically have a minimum ACT score of 28 or SAT-I score of 1260. Likewise, candidates should have a minimum 3.75 overall high school GPA with a strong record in core academic subjects. Preference is given to applicants who have completed rigorous coursework in high school, such as Advanced Placement and International Baccalaureate Programs, as well as students who have distinguished themselves through extracurricular academic experiences. In addition to its innovative liberal arts curriculum, the University Fellows Program offers undergraduate research support and international study opportunities (including a two-week trip to Rome during Jan Term of the sophomore year), and provides ambitious students a chance to develop close working relationships with distinguished faculty.

All students in the University Fellows Program will complete a University Fellows Core Curriculum (34 hours). Additional courses in general education are also required to provide the foundation for more specialized courses in the major. In some cases the particular course required to satisfy a general education requirement is specified in the major. Students should consult the section of the catalog that describes the major under consideration to learn more about these special requirements.

To progress through and to graduate from the University Fellows Program, students should have a minimum 3.00 GPA in Samford coursework and overall.

For more information, see the University Fellows Web site: [www.samford.edu/fellows](http://www.samford.edu/fellows).

NOTE: The University Fellows Core Curriculum requirements cannot be met through transient enrollment.

**UFWT 101 Western Intellectual Tradition I: The Heritage of Greece and Rome (4)**

First in a four-semester sequence, this interdisciplinary seminar examines the classical foundations of the Western intellectual tradition. Through the works of Homer, Plato, Aristotle, Virgil, Aurelius and others, students will explore how Greco-Roman conceptions of virtue, justice, and citizenship have influenced the development of Western values. Offered: Fall.

**UFWT 102 Western Intellectual Tradition II: Christianity from Antiquity to the Renaissance (4)**

Second in a four-semester sequence, this interdisciplinary seminar examines the contributions of Christianity to the Western intellectual tradition. Through the works of Augustine, Aquinas, Dante, Machiavelli and others, students will understand how Christianity engaged its Greco-Roman heritage, developed its own distinct traditions, and contributed to the rise of Renaissance humanism. Prereq: UFWT 101. Offered: Spring.

**UFWT 201 Western Intellectual Tradition III: Reformation, Revolution, and Enlightenment (4)**

Third in a four-semester sequence, this interdisciplinary seminar examines how revolutions in faith, science, and philosophy shaped the development of the Western intellectual tradition. Through the works of Luther, Galileo, Shakespeare, Descartes, Wollstonecraft and others, students will discover how the Reformation, the Scientific Revolution, and the Enlightenment offered new ways of thinking about the nature of authority. Prereqs: UFWT 101 and UFWT 102. Offered: Fall.

**UFWT 202 Western Intellectual Tradition IV: The Challenge of Modernity (4)**

Fourth in a four-semester sequence, this interdisciplinary seminar examines modernity's impact on the Western intellectual tradition. Through the works of Austen, Marx, Darwin, Woolf, Nietzsche, and others, students will explore how modernity has questioned the foundational assumptions of Western thought. Discussions in this course are intended to prepare students for their study of Non-Western cultures in the junior and senior year. Prereqs: UFWT 101, 102, and 201. Offered: Spring.

## University Fellows Program General Education Curriculum

University Fellows Program General Education Required Courses	Course Credits	Total Required Credits
<b>Global Studies (two courses)*</b>		<b>8</b>
<b>Natural &amp; Computational Sciences (select one course)</b>		<b>4-5</b>
BIOL 105 Principles of Biology	4	
BIOL 107 Contemporary Biology	4	
BIOL 110 Human Biology	4	
BIOL 111 Animal Biology	4	
BIOL 112 Plant Biology	4	
CHEM 108/109 General, Organic, & Biological Chem w/Lab	4	
CHEM 205/206 Foundations of Chemistry	5	
COSC 107 Introduction to Computer Science	4	
GEOG 214 Physical Geography	4	
PHYS 100 Physics for Society	4	
PHYS 101 General Physics I	4	
PHYS 102 General Physics II	4	
PHYS 150 Introduction to Astronomy	4	
PHYS 203 Physics I	5	
PHYS 204 Physics II	5	
PHYS 206 Sound and Music	4	
<b>Mathematics</b>		<b>4</b>
MATH 240 Calculus I	4	
<b>Languages** For students without language proficiency, the normal sequence is:</b>		<b>4-16</b>
FREN, GER, GREK, HEBR, LATN, or SPAN 101	4	
FREN, GER, GREK, HEBR, LATN, or SPAN 102	4	
FREN, GER, GREK, HEBR, LATN, or SPAN 201	4	
FREN, GER, GREK, HEBR, LATN, or SPAN 202	4	
<b>Fine Arts (select two courses)‡</b>		<b>4</b>
ART 200 Art Appreciation†	2	
MUSC 200 Music Appreciation††	2	
THEA 200 Theatre Appreciation†††	2	
<b>Physical Activity***</b>		<b>2</b>
<b>Total Required Credits</b>		<b>26-39</b>

\* University Fellows must take two 4-credit courses in non-Western cultures. The director maintains a list of university-wide courses that meet this requirement, and students should seek approval before registering. These courses must fall outside of the student's major discipline, although exceptions may be made for students pursuing a double major.

\*\* Students with a higher level of proficiency may begin with the 201-202 sequence. An accelerated one-semester course is available in French and Spanish (FREN 203, SPAN 203). Arabic, Chinese, Hindi, Italian, Japanese, Portuguese, Russian, Swahili, and Thai are also available through the Critical Languages Program. For further details see the World Languages and Cultures section. Students may take one year of Greek, plus one year of Hebrew, in lieu of two years of the same language.

\*\*\* Select two different 1-credit, fitness-based activity courses. If PHED 138 Water Safety Instructor Course (2) is passed, the successful completion of UCFH 120 will fulfill the student's physical activity requirement. Note: One semester of ROTC, marching band (MUSC 1739 or 3739), or dance (DANC 100, 101, 102, 201, 202, 211, 212, 301, or 302) may substitute for one physical activity credit.

NOTE: Study Abroad courses in London and other international settings may meet the general education requirement for natural and computational sciences, subject to approval by the department chair of the course equivalent.

‡ LOND 202 satisfies the Fine Arts requirement.

† ART 381, 382, 383, or LOND 201 may be substituted for ART 200.

†† LOND 201 may be substituted for MUSC 200.

††† THEA 331 or LOND 200 may be substituted for THEA 200.

### UFWR 101 Writing and Rhetoric (4)

Development of advanced written and oral communication skills through the exploration of a specific seminar theme. Includes critical approaches to writing and speaking, effective research methods, strategies for the use of information technology, and ethical standards of communication. Requires extensive practice in writing and revising academic papers. Offered: Fall.

### UCBP 101 Biblical Perspectives (4)

Examination of historical context and religious teachings of Hebrew and Christian Scriptures. Cultivation of critical competencies necessary for the academic study of traditional texts. Course objectives include an understanding of the historical context in which the Bible took shape; appreciation of the development of religious thought within the biblical period; examination of how biblical teachings have been and are interpreted and applied; and study of the Bible, using a variety of modern critical methods. Offered: Spring.

### UFCL 101 Calling and Leadership I (2)

Exploration of how virtue and character are essential to the cultivation of responsible leadership. Through activities and readings, students will be challenged to reflect on their own calling and to prepare themselves to be intellectual leaders in their fields and disciplines. Offered: Fall.

### UFCL 102 Calling and Leadership II (2)

Using the principles of problem-based learning, students will explore an area of interest, identify a problem, examine possible solutions, and evaluate effective leadership strategies. Prereq: UCFL 101. Offered: Spring.

### UFISI 201 Scientific Inquiry: Theories and Practices (4)

Exploration of the fundamental methodological and philosophical assumptions of scientific inquiry. Through the study of ideas and theories pioneered by Aristotle, Galileo, Newton, Darwin, Einstein and others, students will investigate the nature of the scientific method, examine unifying concepts in various scientific disciplines, and consider how changing conceptions of scientific theory and practice have affected our criteria for establishing reliable knowledge. Offered: Fall.

### UCFH 120 Concepts of Fitness and Health (2)

Physical fitness course, with emphasis on exercises that develop cardiorespiratory, muscular, and flexibility fitness. All aspects of fitness, such as principles of aerobic fitness, nutrition, flexibility, strength training, common fitness injuries, and weight control and body composition are discussed and applied. Students with physical disabilities may consult the ESSM department chair for special consideration.

## Honors Courses

Note: The final group of Honors Program students was admitted in the Fall of 2007. (Students interested in an Honors Curriculum after this time should see the University Fellows Program section.) Requirements for students continuing in the Honors Program are located in the Office of Student Records and on the Web at <http://www.samford.edu/groups/honors/>.

### HONR 300 Honors Seminar (4)

Interdisciplinary seminar on a selected topic with emphasis on reading, discussion, and research. The topic will vary each semester. Fulfills the requirement for a seminar in the Honors Program. Offered: Fall or Spring.

### HONR 394 Seminar in Professional Topics (4)

Alternative Honors Seminar for students focused on professional studies. Concentrates on a single topic that varies each year; students can tailor the topic to their disciplines. Format emphasizes reading and writing within a professional context. Seminar can be cross-listed by discipline, with the permission of the chair of the department or the dean of the school, or can be taken under the honors number. Fulfills the requirement for a seminar in the Honors Program. Offered: Fall or Spring.

# Campus Life, Campus Facilities, Campus Services



## Athletics - Intercollegiate

The mission of the Department of Athletics is to uphold the mission of Samford University within the context of a continually improving, competitive, diverse, and NCAA-certified athletics program. The athletics department is responsible for the administration and implementation of an intercollegiate sports program that competes in NCAA Division I. In the fall of 2008, Samford began its inaugural season as a member of the nation's fifth-oldest NCAA Division I collegiate athletic association, the Southern Conference. The 17 intercollegiate sports sponsored by Samford University are:

Men	Women
Basketball	Basketball
Cross-Country	Cross-Country
Golf	Golf
Indoor Track	Indoor Track
Tennis	Tennis
Track and Field	Track and Field
Baseball	Softball
Football	Soccer
	Volleyball

### Scholarships

Athletics aid is awarded in all of Samford's varsity sports, primarily to student-athletes specifically recruited for that sport by the coaching staff. Students who were not recruited, but who are interested in participating in varsity sports, may contact individual coaches concerning opportunities. Coaches' contact information may be found at [www.samfordsports.com](http://www.samfordsports.com).

### Schedules

Schedules for all sports are distributed across campus and posted on the Web site at [www.samfordsports.com](http://www.samfordsports.com). All times are Central. All dates and times are subject to change. Contact the Office of Sports Information at (205) 726-2799 or 2802, or visit [www.samfordsports.com](http://www.samfordsports.com), to confirm schedules before making special plans.

### Ticket Information/Procedures

Currently enrolled Samford students are admitted free to any Samford Athletics ticketed sporting event. Students must show their current Samford ID at the ticket window for individual events. Guest tickets may be purchased at the ticket window on game day or online at [www.samfordsports.com](http://www.samfordsports.com). Ticket prices will be posted at each event.

Samford students are encouraged to support the Bulldogs on road trips as well. Ticket availability will vary depending on our opponent. Full ticket prices will be charged for away games as they are sold on consignment for opponents. Contact the athletics department concerning specific contests.

### Spirit Program

**Cheerleading:** The main objective of Samford's Cheerleading program is to work within Samford Athletics to create an atmosphere of enthusiasm among students and fans. Samford Cheerleaders represent Samford University and its athletics program through performances at athletics events as well as at campus and community events. Tryouts are held each spring.

**Mascot:** The mascot, Spike, appears at athletics events as well as student and community activities in order to build enthusiasm and recognition for Samford University. Spike is a visual representation of the spirit and pride of Samford University and one of its most beloved inhabitants. Tryouts are normally held in the spring.

Exact dates and times for cheerleading and mascot tryouts may be found at [www.samfordsports.com](http://www.samfordsports.com) or by contacting the athletics department.

### Athletic Facilities

There are a variety of athletics and recreational facilities at Samford University.

Seibert Stadium hosts home football games in the fall. The facility is equipped with a synthetic turf football field. Athletics facilities also include the Samford Soccer Field across Lakeshore Drive, Joe Lee Griffin Baseball Field, the Samford Bulldog Softball Field and the Pat M. Courington Tennis Pavilion.

The Pete Hanna Center is the newest addition to the Samford campus. The 5,000 seat Thomas E. and Marla H. Corts Arena is the new venue for Samford volleyball and basketball, as well as for commencement and other major events. In addition, the Hanna Center is the day-to-day home of the Samford athletics department, and also features a state-of-the-art fitness center for the University community.

### Availability for Student Use

Some facilities are generally available for use by students in the afternoon through the evening, except when athletic events or practices or Campus Recreation events are scheduled. A schedule of specific hours is available on the Campus Recreation Web site at [www.samford.edu/camprec](http://www.samford.edu/camprec).

Student IDs are required to use all recreational facilities. Inspection of IDs will be made to ensure that only Samford University students, staff, and faculty are using the facilities. Please cooperate when asked to produce your ID card. In this way, the facilities may be kept available for your use.

### Intercollegiate Athletics Administration and Staff

Director of Athletics	Robert L. Roller
Senior Associate Director of Athletics	Peter F. Neuberger
Associate Director of Athletics (External)	Jay Roberson
Assistant Director of Athletics (Academic Services)	Chris M. Scott
Assistant Director of Athletics (Business)	Wanda Lucas
Assistant Director of Athletics (Compliance), SWA	Michelle Durban
Assistant Director of Athletics (Marketing)	Grant Lyons
Executive Director of Athletic Foundation	Larry Long
Director of Athletic Training	TBA
Director of Bulldog Club	Vaughan Lyons
Director of Game Operations/Ticket Manager	Lee Williams
Director of Marketing	Hollie Huey
Director of Sports Information	Joey Mullins
Strength and Conditioning Coach	Thomas P. Rohling
Strength and Conditioning Coach (Football)	Paul Hogan

### Head Coaches for Men's Sports

Baseball	Casey Dunn
Basketball	James A. Tillette
Cross Country	Rod Tiffin
Football	Pat Sullivan
Golf	Woodie Eubanks
Tennis	Kemper W. Baker
Track	Rod Tiffin

### Head Coaches for Women's Sports

Basketball	Michael W. Morris
Cross Country	Rod Tiffin
Golf	Woodie Eubanks
Soccer	A. Todd Yelton
Softball	Lee Ann Ketcham
Tennis	David Vest
Track	Rod Tiffin
Volleyball	Derek Schroeder

### Head Coaches for Co-Ed Activities

Cheerleading Coach	Allise Adkison
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## Campus Recreation

The mission of the Department of Campus Recreation at Samford University is to provide recreational programs and outdoor adventure activities that will enhance the social, spiritual, emotional, intellectual, physical, and vocational needs of students, faculty, staff, and their spouses in an environment of Christian values. Campus Recreation strives to promote learning, fun, friendship, leadership development, and sportsmanship in a Christian environment by offering quality competitive and noncompetitive activities, employment opportunities, and equipment rental. Campus Recreation employs students in all areas, including facility supervisors, office assistants, intramural sports, fitness instruction, Alpine Tower and Carolina Climbing Wall facilitators, lifeguards, and weight room monitors. There are opportunities for advancement within the department.

### Seibert Gym and Bashinsky Field House

Housed in these facilities are three wooden basketball courts, four racquetball courts, a game room with two pool tables and two ping-pong tables, indoor walking track, dance studio, indoor pool and locker facilities. All that's needed to access these areas is a current Samford University ID card.

### Pete Hanna Fitness Center

The fitness center is located on the upper level of the West side of the Pete Hanna Center. This state of the art facility has eight treadmills, eight ellipticals, and four Lifecycles bikes, all with their own personal televisions. Also in the cardio room are several Signature Series Strength Machines. The center also features a free weight room equipped with Hammer Strength equipment. The fitness center is free to all current students, faculty, and staff members at Samford University.

### Intramural Sports

The intramural sports program offers many different activities for all levels of ability. Current offerings are bowling, flag football, volleyball, basketball, soccer, softball, tennis, kickball, dodge ball, and ultimate Frisbee. There are opportunities for participation in state, regional, and national competitions, as well.

### Fitness Programs

Aerobics classes are offered Monday, Tuesday, and Thursday to students, faculty, staff, and spouses for a nominal fee. Kickboxing and jazzercise are offered for any level of participant. Varied combinations are utilized to challenge every participant.

### Alpine Tower and Carolina Climbing Wall

The Alpine Tower creates challenges and group problem-solving events suitable for any group. The tower is a 50-foot high structure, offering over 30 different climbing routes with varying degrees of challenge. The tower provides an effective method of fostering leadership development, teamwork, trust, communication, and cooperation among a group of participants. The Carolina Climbing Wall is a 50-foot high structure with windows that allows social climbing on both sides of the wall. Whether a first-time or a seasoned rock climber, there is a route marked for everyone.

### Sport Clubs

Sport Clubs are student-founded and student-led with the director of campus recreation serving as advisor. Clubs include the Men's Soccer Club, Swing Kids, Outdoor Adventure Club, and the Ultimate Frisbee Club.

For more information on all programs, check out the Campus Recreation Web site at [www.samford.edu/camprec](http://www.samford.edu/camprec).

## Campus Bookstores

The main campus bookstore is located in the Beeson University Center and is owned and operated by the University. Classroom books, supplies, computer supplies, as well as gift items, are readily available. The bookstore is open Monday through Friday from 7:45 a.m. to 5:00 p.m. and Monday and Thursday evenings until 6:00 p.m.

Housed in the Beeson School of Divinity, the Cokesbury Beeson Bookshop carries an assortment of Christian and religious books and Bibles for coursework, as well as for leisure reading.

## Campus Safety and Regulations

The Samford University Department of Public Safety and Emergency Management is a proprietary function of the University with jurisdiction to enforce the rules and regulations of the University on University property, as well as the laws of the State of Alabama in any extended jurisdiction prescribed by law. Those members of the department who are duly sworn and commissioned have full law enforcement authority and maintain a close working relationship with local law enforcement authorities, federal agencies, and other emergency agencies on all matters of mutual interest. Support and response by local law enforcement, fire department, and other emergency services are excellent. The Department of Public Safety and Emergency Management is located on the second floor of Beeson University Center and is staffed 24 hours a day, providing a patrol and traffic division, response to emergencies, security patrols and monitoring of persons on campus, and providing other services to the campus community. Crime statistics, as required by federal law, are available on the Public Safety Web site ([www3.samford.edu/ops/publicsafety/](http://www3.samford.edu/ops/publicsafety/)) or by writing or calling the director of public safety.

### Rules and Regulations

#### Automobiles on Campus

Students are permitted to have a motor vehicle on campus. A student wishing to maintain a motor vehicle on campus must register the vehicle with the Department of Public Safety and Emergency Management, pay a registration fee, properly display the registration decal, and comply with appropriate traffic/parking regulations. Failure to comply with vehicle registration requirements, parking regulations, and traffic regulations may subject the vehicle operator to fines, forfeiture of the privilege of operating a vehicle on campus, and disciplinary action.

#### Code of Values and Discipline

The Samford University community affirms the value of a peaceful and purposeful community, founded on the moral and ethical integrity of students and faculty. With a strong commitment to the Christian values on which the University was founded, reasonable expectations of student behavior are necessary for contributing to a healthy and quality environment. Using principles of fundamental fairness, Samford University established a Code of Values: Worth of the Individual, Self-Discipline, Academic Integrity, Respect for Property and the Environment, and Respect for Community Authority. Students are given this information in writing and orally during Orientation. (The complete Code of Values and minimum sanctions for inappropriate behavior can be found in the *Student Handbook*. Code of Values detail can also be found in the Student Affairs subsection of this catalog.)

Two expectations of Samford students may differ from other institutions. First, it is expected that a student will not possess, consume, sell, or distribute alcoholic beverages or illegal drugs on campus or in off-campus activities sponsored by a group or organization of the University. Second, a student is expected to obey residence-hall visitation regulations. Samford has limited visitation in the rooms of a person of the opposite sex.

Students are held accountable for their actions that violate Samford's Code of Values. A student accused of a values violation will be notified in writing and given a brochure outlining the judicial process. (See the Values Violation Process in the *Student Handbook* for complete details regarding disciplinary actions.)

#### Theft/Property Damage

Samford is not responsible for loss, damage, or theft of property owned by students or other individuals. It is suggested that students check that their parent's homeowners insurance provides coverage for a son/daughter living on campus.

## Career Development Center

The Career Development Center (CDC) is designed to help current students and Samford graduates with a variety of career and job search activities. Career counselors can help with identification and evaluation of areas of interest for a major course of study and/or career choices. Career guidance instruments are available to assist in this process.

The Career Development Center contains information for career research, experiential education research, job search, company research, graduate and professional school research, and other topical information related to careers.

The Career Development Center sponsors presentations each semester on a variety of career development topics. Staff members are available to assist with many career search concerns. Employers and graduate school representatives visit the campus to recruit and interview students. The CDC acts as a connecting link between students and employers for part-time, summer, cooperative education, internship, and full-time positions. Job listings are maintained for these areas.

Students and graduates have the opportunity to participate and receive information about various career and recruiting events. CDC services are provided free of charge to current Samford students and recent alumni.

## Clubs/Organizations

Co-curricular involvement is an important part of the student's development. Samford University students are encouraged to select from the more than 120 campus organizations for their co-curricular involvement. Students may contact the Office of Student Involvement for a complete listing of student organizations.

### Greek Organizations

Greek letter organizations are an integral part of student life at Samford University. Samford sororities and fraternities are involved in educational programs, community service, and leadership development in addition to providing a strong bond of friendship among their members. The Panhellenic Council monitors the sorority membership selection process and provides a variety of educational, social, and service opportunities for both sorority and fraternity members. The Interfraternity Council acts as the liaison between the seven fraternities and the University, promotes leadership within member chapters, and monitors the activities of member chapters. Samford maintains chapters for each of the following national organizations:

#### Fraternities:

Alpha Phi Alpha  
Kappa Alpha Psi  
Lambda Chi Alpha  
Pi Kappa Phi  
Sigma Chi  
Sigma Nu  
Sigma Phi Epsilon

#### Sororities:

Alpha Delta Pi  
Alpha Kappa Alpha  
Alpha Omicron Pi  
Chi Omega  
Delta Sigma Theta  
Phi Mu  
Zeta Tau Alpha

### General/Professional/Educational Organizations-Undergraduate

Alpha Kappa Psi  
American Chemical Society  
Arnold Air Society  
Association for Women in Communications  
Association of World Language Majors  
Delta Omicron (women, music)  
F.A.C.E.S. Club (Fitness Awareness Club for Exercise Science)  
French Club  
German Club  
Interior Design Student Organization

National Council on Family Relations (Student Chapter)  
Nurses' Christian Fellowship  
Phi Delta Kappa  
Phi Mu Alpha Sinfonia (men, music)  
Samford Accounting Society  
Samford Pre-Law Society  
Sojourn  
Spanish Club  
Speakers Forum at Samford  
Student Athletic Trainer's Association  
The Reconcilers  
Women's Coalition of Samford University

### Service Organizations

Samford students have opportunities to serve the campus community, as well as the community at large, by being an active participant with the following organizations. In addition, numerous service groups function under the guidance of the Office of University Ministries. (See the University Ministries section of this catalog.)

Alpha Phi Omega  
Alabama Citizens for Constitutional Reform  
Amnesty International  
Bread for the World  
Gamma Sigma Sigma (women)

Habitat for Humanity  
Samford Ambassadors  
Samford Recruitment Team  
Student Government Association  
Ville Crew

### Social and Other Organizations

Club Tennis  
College Republicans of Samford University  
Dance Ensemble  
ESL Ministry  
Men's Club LaCrosse

Samford Soccer Club  
Samford University College Democrats  
Student-Athlete Advisory Committee  
Swing Kids  
Women's Club LaCrosse

### Religious Organizations

Family Court  
Fellowship of Christian Athletes  
Gospel Choir  
Grace Dance Ministry  
Impact Team

In His Hands  
Mu Kappa  
Son Reflectors  
Word Players

## Computer Services and Resources

### Campus Portal Services

All members of the Samford University community have access to a variety of computing resources. A Campus Portal via the Web is the entry point from which all members of the campus community can tap into academic resources, administrative services, community information, e-mail and the Internet—all online, from anywhere. Some of the administrative resources available to Samford students are: grades, class schedules, and account payments. Upon admission to Samford University, students can go to the Samford home page and log into the Campus Portal using the username and password provided by Technology Services.

### Computing Assistance

Computer assistance is available from the Personal Technology Group, Room 326, Brooks Hall. Assistance is available Monday through Friday 7:00 a.m. until 7:00 p.m. Call (205) 726-2662 or e-mail [support@samford.edu](mailto:support@samford.edu) for additional information. The computing resources and assistance described here are all free of charge to Samford University students.

### Computing Laboratories

Six general access computer laboratories are available to every student, except during times when one or more of the labs may be scheduled for classes. Several academic departments or schools also have computing labs that support their specialized needs. The general access laboratories offer a substantial suite of software to satisfy routine needs like word processing, as well as more specialized needs such as page layout, presentation preparation, or statistical analysis. Each computer in the general access computing labs is connected to the campus network, which is in turn connected to the Internet. This gives every Samford student access to the World Wide Web and other networked resources. For more information about laboratory resources, see the computer lab page at [www.samford.edu/labs](http://www.samford.edu/labs).

### Library Resources

The online catalog for the Samford Library and several additional library-related resources are available via the campus network. Samford is an active participant in the Network of Alabama Academic Libraries and other consortia that enhance the resources available to the Samford community. For more information about library resources, see the Library Web page at [library.samford.edu](http://library.samford.edu).

### Residence Hall Network Access

Each resident room has one Ethernet port per student, allowing students to connect their personal computers to Samford's computer network. The Personal Technology Group assists students wishing to connect to the Samford University computing network. Nonresident students may access campus computing resources through an Internet service provider. For further information about computing resources at Samford University, call the Personal Technology Group (205) 726-2662, e-mail [support@samford.edu](mailto:support@samford.edu), or consult the Technology Services Web site at [www.samford.edu/ts](http://www.samford.edu/ts).

### Wireless Network Access

Samford University is now offering wireless network access across the entire campus, including residence halls and outdoors on the quadrangle. This service provides students and employees the convenience and flexibility of using portable computing devices. For more information, see the wireless networking Web page at [www.samford.edu/wireless](http://www.samford.edu/wireless).

### Student-Owned, On-Campus Computers

While Samford strives to maintain the best available computer laboratories, many students may wish to bring or purchase a personal computer, and this is encouraged. Samford does not sell computers but some computer companies offer direct discounts to Samford students. More information about these discount programs and about minimum specifications for student-owned computers is available from the Technology Services Web site at [www.samford.edu/ts](http://www.samford.edu/ts).

### Further Information via the Internet

For more information about computer resources at Samford University, see the Technology Services Web page at [www.samford.edu/ts](http://www.samford.edu/ts).

## Counseling Services and Disability Support Services

Counseling Services provides counseling to assist students as they adjust to campus life, cope with problems, and make the developmental transition from adolescence to young adulthood. The services include individual counseling, relationship counseling, crisis intervention, support, and referral information. Counseling Services also presents outreach presentations to student groups and classes on issues and topics pertinent to the developmental and emotional well-being of college students.

Accommodations for students with disabilities are handled by the counselor for Disability Support Services in Counseling Services. After admission to Samford, students who are entitled to accommodations under the ADA must contact the counselor for Disability Support Services with recent, appropriate documentation of their disability. Reasonable accommodations are determined using this documentation. Accommodations are individualized according to the particular needs of each student and may not be the same as those received in high school. Accommodations are communicated to the faculty by the counselor for Disability Support Services. A faculty member will grant reasonable accommodations only upon written notification from Disability Support Services.

For more information on either of these areas, please call (205) 726-2105.

## Dining Services

More than just a dining room, the Beeson University Center Cafeteria is a central place in the social life of the University. It is an excellent place for both resident students and commuters to meet new friends and share campus experiences.

All students living in the residence halls are required to purchase a meal plan. All entering freshmen and first year resident students are required to purchase the 19 meal plan. Sophomores may purchase either the 12 or 19 meal plan. Students who have successfully completed 64 credit hours may purchase either the 7, 12, or 19 meal plan.

The Food Court, located on the ground floor of the Beeson University Center, features fast-food services. Each meal plan includes a \$130 credit toward purchases in the Food Court and Cafeteria. Commuting students may deposit money to their student ID card which may be used for purchases in the Food Court and Cafeteria, or pay cash for meals at either location.

## Financial Services

### The SAMFORD CARD

All students are required to have an official Samford University photo ID (SAMFORD CARD), made and recorded by the Department of Public Safety and Emergency Management. These IDs offer students a convenient, safe, and easy way to make purchases and utilize campus services. It is used as an identification card, meal card, library card, and for access to certain facilities. With activation of an optional debit account, the SAMFORD CARD can be used to make purchases in the bookstore, Food Court, cafeteria, several campus copiers, and drink and snack machines. The SAMFORD CARD works similarly to a checking account in that your deposited funds are debited each time a student makes a purchase.

### Check-Cashing Services

The Campus Bookstore is authorized to cash checks up to \$50 per day for students whose accounts are in good standing. The face of the check must have the student's name, local address, telephone number, and student identification number. Students must present a valid photo ID.

A student who presents a check to Samford University that is not honored by the bank will be charged \$28. If the check is not redeemed within 10 days of notification of a returned check, the student may be subject to disciplinary or legal action. All check-cashing privileges are revoked after the third returned check.

## The HUB

Located in the Beeson University Center, the HUB is the 24/7 service center for campus. It serves as a storehouse of information about the many and varied activities happening on the University campus. The University Calendar is maintained in the HUB and can be accessed through the Samford University Web site. The number for the HUB is (205) 726-2407.

## Leadership Development

Leadership Education Awareness and Development (LEAD) is a program that provides a formal means by which a student can define his/her leadership philosophy, identify his/her leadership potential, and engage in a variety of educational opportunities, such as self-assessment, mentoring, skill workshops, and community service. Our desire is that students will be challenged and nurtured, so that they are prepared to actively influence the world in meaningful ways as leaders. For more information contact the Office of Student Involvement at (205) 726-2345.

## Libraries

Samford offers a wealth of library resources featuring an extensive print collection, as well as multimedia resources that include microfilm, music scores, and audio and video recordings. The campus computer network offers ready access to the online catalog and other electronic resources. This network is also connected to the Internet and gives worldwide access to a boundless suite of library resources that complement the library's own holdings. Other libraries in the Birmingham area cooperate with Samford on a reciprocal basis, increasing the variety of resources directly available to the Samford community.

### Samford University Library

The Samford University Library is the primary library for all students, faculty, and staff. In addition to books, periodicals, collections and electronic resources, the library houses a large government documents collection—serving as an official repository. The Special Collection houses outstanding research materials with particular strengths in Alabama history, Baptist records, and Samford University Archives. Individualized and group instruction in the use of library resources is provided on a regular basis by librarians.

A computer laboratory, computer classroom, individual and group study rooms, multimedia viewing and listening rooms, meeting rooms with advanced presentation and conferencing capabilities, and a patron-lounge area are available for patron use.

The University Library is home to the Marla Haas Corts Missionary Biography Collection, the Alabama Men's Hall of Fame, and the Hellenic Scholars' Library.



### Lucille Stewart Beeson Law Library

The Lucille Stewart Beeson Law Library provides extensive legal research and study materials for the Cumberland School of Law and the rest of the Samford community. The library contains 13 conference rooms, 474 study spaces, large carrels with electrical and data connections, and more than 30 computers, as well as laptop computers available for checkout. Online access to current legal information is provided through computer-assisted legal research systems. The book collection contains more than 200,000 volumes, and the microform and audiovisual room provides access to the microfiche equivalent of 87,000 volumes.

### Drug Information Center

The Drug Information Center is located in the McWhorter School of Pharmacy and serves as a resource center, a drug advisory source for practitioners, and an information retrieval center for students, faculty, and practitioners. In addition to a variety of journals, books and other printed materials, major pharmaceutical and medical databases and many electronic reference materials are available.

### Curriculum Materials and Technology Center

The Curriculum Materials and Technology Center is located on the third floor of the Orlean Bullard Beeson School of Education and Professional Studies. Its primary function is to provide current resources, media, and services to the School of Education students, faculty, and staff as they design and utilize instructional materials for the P-12 classroom. Resources include an Education Library, a Make-and-Take Lab for the creation of curriculum materials, and an Instructional Technology Lab, which consists of computers and instructional software to facilitate learning in the field of education. The center is staffed to provide technical services and assistance to teacher education students as required by the National Council for Accreditation of Teacher Education.

### Global Center

The Global Center, located in the Beeson School of Divinity, features interactive resources that include world population and demographic databases as well as foreign language news broadcasts that assist students as they prepare for service throughout the world. (See Beeson School of Divinity in this catalog for more information.)

### Career Development Center Library

The Career Development Center Library, located in the Ralph W. Beeson University Center, is a resource center for career-related books, videos, Web sites and handouts; and for extensive company and corporate information.

## Music

The Division of Music in the School of the Arts offers a variety of opportunities for students to participate in instrumental and vocal ensembles. These courses are open to music majors and non-music majors.

### Accompanying

Pianists and organists accompany in voice and instrumental studios with faculty supervision. They also meet in a weekly master class session on ensemble literature. This course is open to non-keyboard majors with the permission of the instructor.

### University Bands:

**Marching Band:** Performs at football games and other sporting events. Auditions are held each spring and continue into summer.

**Symphonic Band:** Performs a cross-section of quality literature in major concerts and University events each year. Auditions are held in fall and spring.

**Wind Ensemble:** Performs major wind band repertoire. Auditions are held each fall and spring.

**Jazz Ensemble:** Performs standard big band and small combo literature from the jazz repertoire. The performance season includes a featured concert or other collaborative event. Admission is by audition or recommendation of the director.

**Percussion Ensemble:** The Percussion Ensemble performs works that range from jazz to traditional chamber music to the avant-guard and world music. The ensemble season includes on-campus and off-campus events. Membership is by audition and is open to all Samford students.

### Other Instrumental Ensembles

**Bells of Buchanan:** A member of the American Guild of English Handbell Ringers, Inc., the choir performs original compositions, transcriptions, and arrangements on six-octaves of handbells. The performance calendar includes fall and spring concerts, convocations, and area festivals. Auditions for 13 ringers are held each August.

**Chamber Ensembles:** Students and faculty work together to form various string, wind, percussion, vocal, and hybrid chamber ensembles. Ensembles are coached by music faculty and perform each semester.

**University Orchestra:** Performs standard orchestral and chamber orchestra repertoire. The orchestra season includes featured concerts, major University events, and collaborations. Auditions are held each August.

### University Choirs

**A Cappella Choir:** The major touring choir of the University. Auditions for A Cappella Choir are held each April.

**Music Theatre Ensemble:** Features students in review and ensemble productions. Auditions are held at the beginning of each semester.

**Samford OperaWorks:** The Operaworks season includes a mainstage production complemented by scenes and one-act performances. Auditions for fall production are held each spring.

**University Chorale:** A non-audition ensemble, this group performs a cross-section of quality literature in major concerts and University events each year.

## Operations and Planning

The Division of Operations and Planning (OPS) is responsible for coordinating the strategic and master planning processes of the University, assessing University performance and operational effectiveness, and providing a welcoming, safe, and healthy environment for learning, teaching, working, and living. Two departments within OPS that play a key role in campus life are Campus Safety and Residence Life. See those sections within Campus Life for more information.

## Post Office

The post office is located on the first floor of the Beeson University Center, adjacent to the Food Court. All U.S. mail services are provided here, including registered, certified, and insured mail, stamps and postal money orders, and Express Mail Next-Day Service. An inter-office campus service is available for mail to students, faculty, and staff free of charge.

All undergraduate students are assigned a campus post office box. This box serves as the official local address for undergraduate students. Graduate students are not assigned a box. Students who are not enrolled at the University or are studying at the Daniel House London Study Centre during Jan Term or summer terms must provide the post office with a forwarding address.

## Publications

### Magazine—*Sojourn*

*Sojourn* is a literary and visual arts magazine focused on highlighting the artistic expressions of students, faculty, and staff at Samford. Published once each semester, students edit and compile each issue with assistance from outside professionals, as well as faculty advisors.

### Newsletter—*The Belltower*

*The Belltower* is a weekly electronic newsletter that includes campus announcements and other news of interest to students, employees, alumni, and friends of the university.

### Newspaper—*The Samford Crimson*

*The Samford Crimson* is a student-run, campuswide newspaper. With a circulation of 3,500, it is available free to all full-time, undergraduate students and is distributed at key locations on campus. Published weekly, *The Samford Crimson* offers excellent opportunities to all undergraduates, regardless of major or experience, who are interested in writing, reporting, editing, as well as in photography and layout/design in the areas of news, sports, commentary, and arts and entertainment. The paper's advertising department, also run by students, caters to those more interested in the business side of *The Samford Crimson* and is also open to all students regardless of major or experience. Any student may compete for salaried staff positions.

### Pictorial Directory—*Faces*

For over a decade the University has provided to full-time undergraduate students and full-time employees a book of faces with permanent address. The book is normally distributed within a month after classes begin in the fall semester. This publication is not only helpful during a student's enrollment but it will become even more useful in later years as a pictorial record of classmates and University employees. The book utilizes the campus ID system for images. The publication is a function of the Office of the Vice President for Student Affairs and Enrollment Management.

### Yearbook—*Entre Nous*

*Entre Nous* is Samford's student yearbook, published in late summer and available free-of-charge to all full-time undergraduate day students. The paid *Entre Nous* staff is comprised primarily of students involved in the study of journalism, graphic design, and photography. The publication provides an excellent opportunity for students to build a portfolio and gain professional publishing experience.

## Radio Station

Serving a major portion of the Birmingham metropolitan area, Samford University's WVSU/FM-91.1 provides an unduplicated format of smooth jazz in a city that has a long history of great jazz artists. The appeal of the format to the community allows Samford to promote University events from theatre to orchestra, special programs to sports. WVSU is the flagship station for Samford athletics broadcasts. The station's mass appeal provides an excellent outlet for heightened awareness of the University.

## Residence Life

Living on campus in Samford residence halls provides the student an opportunity to develop human relations and leadership skills through community living. Staff in each hall assists students in creating an environment conducive to study, in planning programs and social events, and by serving as peer advisors and resources.

Residence facilities are grouped in three areas: Central Campus, West Campus, and Beeson Woods. Freshmen are primarily housed in the Central Campus facilities: Vail Hall, Pittman Hall, and Smith Hall.

Rooms are furnished with twin-sized beds, desks, chairs, chests, desk lamps, and blinds. Students may wish to add approved appliances and decorations. It is recommended this be done in communication with their roommate prior to or after arrival on campus. (Information regarding appliances that students are permitted to have in their rooms will be sent with the notice of room assignment.) Every room provides each student with his/her personal telephone line and computer portal. Basic telephone service is provided to each room at no cost to the student. (See Student Telephone Service in the Financial Information section of this catalog.) Each room is equipped with a cable TV connection.

Students provide their own bed linens, pillows, wastepaper baskets, and cleaning supplies. Students are responsible for cleaning their own rooms and private/suite bathrooms. Some room personalization is permitted, but students are encouraged to receive the permission of the residence life educator and/or residence manager prior to doing so.

The University does not assume responsibility for loss or damage to personal property. Students are urged to consider personal insurance for valuable property they bring to the residence hall.

Residence halls are closed on designated University recesses and holidays including Thanksgiving, Christmas, and Spring Break. Students may leave their personal belongings in their rooms but may not remain on campus during these times.

All students living in the residence halls are required to purchase a meal plan.

### Residence Hall Regulations

The University seeks to foster a spirit of community, benefiting from the full participation of each campus citizen. The student and the community are best served when the student is available to be involved in campus activities. Experience confirms that students who reside on campus are more likely to be fully engaged in their educational experiences, more likely to establish strong interpersonal relationships, and more likely to learn from group and interpersonal interaction.

To maximize the totality of the undergraduate experience, it is recommended that students live on campus until the completion of the bachelor's degree. Unmarried undergraduate day students are **required** to live on campus for four semesters (typically through the sophomore year) unless they live at home with a parent or guardian.

When a student is assigned a room, the housing agreement represents a lease for the academic year. The University commits to provide a room, and the student commits to reside on campus through the following spring term unless the student graduates, withdraws from the University or gets married. Students may not move off campus for any other reasons between fall and spring terms. **A substantial penalty is imposed if residents break their lease agreement. (The maximum penalty is \$500.)**

Students who have lived on campus for four semesters, are beginning their fifth semester (typically their junior year), have a minimum 2.50 cumulative grade point average, and are in good standing with the University, may petition the Office of Residence Life to live off-campus.

Students with senior status may live off campus without petition. Undergraduate students 22 years old and graduate students are assigned University housing on a space-available basis after undergraduates are assigned.

During the summer and Jan terms, housing is limited to students enrolled at Samford University during the term, or to students required to be in residence to participate in University-approved activities. During fall and spring semesters, housing is limited to full-time students or to special needs part-time students. On campus housing is not available to students over 24 years of age, without permission from the vice president of operations and planning.

Standards of conduct and expectations of resident students are outlined in this catalog, the housing agreement, and in more detail in the Student Handbook. Students and parents should become familiar with these guidelines and the University disciplinary procedure prior to moving into campus housing. Samford University's residence halls have been declared smoke-free environments. Smoking is not allowed in any part of the residence hall facility, including the students' rooms. Students may not keep pets in their room, other than small fish in tanks no larger than ten gallons.

Students are expected to show good stewardship of their rooms and furnishings, and to abide by University policies regarding their housing. A system of fees is established for damage to facilities and failure to follow standard procedures for room change. If imposed, these will be placed on the student's account. (See Residence Hall Special Fees and Fines in the Financial Information section of this catalog.)

Samford does not have an open-visitation policy. Guests of the opposite sex are not permitted in student rooms at any time except for specific hours on days that may be designated and approved by the Office of Residence Life. Students may have overnight guests of the same gender with advance approval of the residence manager of their hall.

### Community Standards Council (CSC)

The mission of the Community Standards Council (CSC) is to foster and maintain a peaceful and purposeful community within the residence halls. The goal includes educating students in responsibilities and opportunities for community living. The CSC will monitor rule infractions stipulated by the Residence Life Housing Agreement and the *Student Handbook*. The council consists of seven students.

## Samford Information Television Channel

Television channel 36 is the Samford Information Channel. Information regarding the following can be found on this channel: campus events, convocation schedule, sporting events, computer lab hours, library hours, food service hours, athletic facilities hours, weekly weather forecast, inclement weather announcements, and emergency announcements.

## Samford Sunday

The purpose of Samford Sunday is to train students in the ministries of preaching and music. Students can sign up on a week-to-week basis to preach or lead music in local Baptist churches across Alabama. This unique ministry is more than 60 years old, and it serves as a vital link between Samford and Alabama Baptist churches.

## Student Affairs

The Student Affairs Division supports the mission of the University by empowering students through personal development so that they learn to experience a fulfilled life and thereby make a positive difference in the world.

The Student Affairs Division is comprised of several departments that serve students in a variety of ways. The staff considers themselves to be educators who complement the primary academic program of the University. Whereas the classroom is the place of instruction for faculty, a residence hall, the Beeson University Center, or similar places are the classrooms of instruction for the student affairs educator. A goal of the staff is to provide quality services and learning opportunities that will assist the student in developing spiritually, intellectually, physically, emotionally, and socially.

### Student Affairs Staff

Vice President for Student Affairs and Enrollment Management . . . R. Phil Kimrey  
 Dean of Students . . . . . TBA  
 Associate Dean for Student Services & Values Advocate . . . . . Gary W. Atkins  
 Director of Campus Recreation . . . . . Nick Madsen  
 Director of Career Development Center . . . . . Alice B. Martin  
 Director of Counseling Services . . . . . Marcia W. Hamby  
 Director of Student Health Services . . . . . Shauna N. Yelton  
 Director of Student Involvement & Leadership Education . . . . . Jennifer Hall  
 Minister to the University . . . . . Matt Kerlin

### Code of Values

**Preamble:** We as the Samford community affirm the value of a peaceful and purposeful community, founded on the moral and ethical integrity of students and faculty. We commit ourselves to the Christian values on which Samford University was founded. We expect that our commitment to mutual responsibility and a spirit of cooperation will create a community that is orderly, caring, and just.

**Worth of the Individual:** We value the intrinsic worth of every individual in the community. Our respect for other individuals includes an appreciation of cultural backgrounds different from our own, an understanding of different attitudes and opinions, and an awareness of the consequences of our actions on the broader community.

**Self-Discipline:** We value personal responsibility and recognize the individual's needs for physical, intellectual, spiritual, social, and emotional wholeness. We value the full development of every student in terms of a confident and constructive self-image, of a commitment to self-discipline, and of a responsible self-expression.

**Integrity:** We value a campus community that encourages personal growth and academic development in an atmosphere of positive Christian influence. We affirm the necessity of academic standards of conduct that allow students and faculty to live and study together. We value the fair and efficient administration of these standards of conduct.

**Respect for Property and the Environment:** We value the rights and privileges of owning and using property, both personal and university, and the benefits of preservation and maintenance of property and of our natural resources. In our stewardship of property, we recognize the accountability of our actions to the future of the Samford community.

**Respect for Community Authority:** We value our privileges and responsibilities as members of the university community and as citizens of the community beyond the campus. We value the community standards of conduct expressed in our system of laws and value the fair administration of those laws, including university, municipal, state, and federal laws.

Allegiance to these values obligates the Samford University student to refrain from and discourages behaviors that threaten the freedom and respect every individual deserves.

For additional information on the Code of Values, see the Campus Safety subsection.

## Student Government Association

The mission of Samford University Student Government Association (SGA) is to serve, lead, and nurture the Samford University student body through cooperative efforts with faculty members, administrative officials, and community leaders, all while striving to enhance the learning community, to build community partnerships, and to advance the overall condition of the University community.

The Student Government Association is organized into four branches that are responsible for sponsoring the diversity of opportunities for involvement. Each branch is presided over by one of the executive officers. The executive branch is formed by the Student Executive Board and the Executive Advisory Board. The legislative branch is the Senate, which consists of senators and class officers. The senate is divided into committees that oversee the problems and concerns of students. The student activities branch is made up of a council and committees that plan and oversee all major campus activities such as homecoming, Step Sing, Spring Fling, and Speaker Series. The judicial branch is made up of a chief justice and nine other students justices, who help oversee the University values system.

## SGA Events on Campus

Students will find a wide variety of events held on the Samford campus provided by the Student Government Association.

### Family Weekend

This event is a family reunion held early in the fall semester. Students introduce their parents and relatives to their friends, faculty, and organizations, as well as enjoy quality family entertainment.

### Homecoming

Homecoming is a celebration of Samford traditions, with such events as a bonfire, fireworks, spirit rallies, parade, tailgate parties, a football game and other athletics events, Homecoming Court elections and presentation, alumni of the year presentations, and concerts. The Office of Alumni Relations and the Student Government Association jointly produce this event-filled weekend.

### Miss Samford Scholarship Pageant

Samford's pageant is an official Miss Alabama preliminary held for women enrolled at Samford. Women compete for scholarship awards and the opportunity to represent Samford University in the Miss Alabama Pageant. The pageant is planned, organized, and directed by students.

### Samford Speakers Series

Founded to facilitate discussion to compliment student learning, Samford Speakers Series provides a forum to address recent, informed perspectives covering a wide range of significant issues. Topics include governmental policy initiatives, the role of religion in society, and community endeavors that promote responsible citizenship.

### Spring Fling

This Student Government Association event allows students to manage spring fever through a weekend of fun-filled activities aimed at unifying Samford's campus through service and socialization.

### Step Sing

A tradition since 1951, Samford student organizations participate in a music and choreography competition, planned, produced, and performed by students. Step Sing is “the” major Student Government Association event of the year.

### Welcome Back

This event provides opportunities for students to meet new friends, welcome returning friends, receive information on organizations and area churches, and participate in entertaining activities centered around a theme.

## Student Health Services

Student Health Services (SHS) is located at the rear ground level of Pittman Hall. The clinic provides outpatient health services to students attending the University. Office hours are Monday through Friday from 8:00 a.m. to 4:30 p.m. Appointments are scheduled from 8:30 a.m. to 3:45 p.m. The clinic is staffed by a full-time physician assistant (PA) and registered nurse (RN). Services provided include assessment and treatment of acute illnesses and injuries, well-woman exams, immunizations, allergy injections, and health education. The clinic features an on-site moderate complexity lab. There is a \$15 fee for visits with the PA. Charges will also be incurred for lab services, vaccines, medications, and any supplies utilized during the visit. These charges are billed to the student's account if not paid at the time of service.

In the event that an off-campus referral recommendation is needed, SHS maintains relationships with several local specialists. Students requiring a referral for insurance purposes should coordinate this through their insurance company or primary care provider (PCP). Charges incurred for any off-campus pharmacy or medical services are the student's responsibility.

### Immunization Record and Health Form Requirements

All students are required to submit the Immunization Record to SHS prior to registering for their first semester classes. The record must be signed by a health care provider or health department stamp. Failure to submit this documentation within two weeks of the first day of class will result in a \$150 fine and a registration hold on the student's record.

All undergraduate students living in university housing are required to submit the Residence Life Health Form in addition to the Immunization Record. The necessary physical examination and laboratory work must be within twelve months of submission to SHS and will only be accepted on the Residence Life Health Form provided. Students will not be permitted to take up occupancy in the residence halls until the Residence Life Health Form and Immunization Record have been received by SHS in their entirety.

Go to [www.samford.edu/stuhealth](http://www.samford.edu/stuhealth) to print the required forms.

### Insurance

Accident and medical insurance are strongly recommended. Students who do not have out-of-network benefits, or who are not otherwise covered, may elect to subscribe to the Samford student group medical insurance plan at a modest cost. Information brochures regarding benefits and limitation of this plan are available in the clinic and can be viewed from the SHS Web site at [www.samford.edu/stuhealth](http://www.samford.edu/stuhealth).

The clinic does not process insurance claims of any kind. Upon request, SHS will provide the patient with ICD-9 and CPT codes pertaining to their date of service in order to facilitate the submission of a claim.

### Emergencies and Serious Illness

The University is closely located to excellent local hospitals and acute-care facilities. In the event of a medical emergency, individuals should call 9-1-1 for assistance. Resident students may also contact a Residence Life staff member or Campus Safety for emergency needs during hours that SHS is closed.

There are no inpatient facilities available on campus and the University believes students with a serious illness or contagious disease are best served at home or in the hospital.

## Student Involvement

Student involvement is an integral part of the Samford educational experience. The Office of Student Involvement assists students with planning, implementing, and evaluating entertaining and enriching programs that enhance the college experience by teaching new skills and building relationships. The Office of Student Involvement is responsible for the recognition and registration process of clubs and organizations, training advisors to organizations, advising the multiple branches of the Student Government Association, leadership training and education, fraternity and sorority life, and service projects.

Student involvement can be a rewarding component of each student's education. Through participation in student activities and organizations, students can:

- complement their curriculum with out-of-class related experiences
- develop relationships among students with similar interests
- develop mentoring relationships with faculty and staff
- learn and practice life skills such as decision-making, planning, and problem-solving

### Student Involvement Staff

Director of Student Involvement & Leadership Education . . . . . Jennifer Hall  
 Assistant Director of Student Involvement for Activities . . . . . Tyler Sellers  
 Assistant Director of Student Involvement for Greek Life . . . . . Sherrelle Hudson  
 Student Involvement Assistant . . . . . Jenny Lucas

## Theatre

The Samford University Theatre (SUT) offers opportunities for students to be involved in stage productions, backstage and in the audience. Auditions are open for four main stage productions each year, and students have the opportunity to create workshop and experimental plays in a Second Season series. SUT ambitiously tackles plays from every major period in a wide variety of styles, while being dedicated to quality training in a Christian environment.

## University Ministries

Growing in religious faith is one of the most significant experiences of college life. As a student at Samford, you will have the opportunity to develop a mature faith of your own, building on the beliefs you bring here. This development of your own adult faith will be stimulated at Samford in a number of ways.

University Ministries exists to encourage and equip persons to deepen spiritual maturity, sharpen theological integrity, clarify vocational identity, and embrace missional responsibility. Through worship, spiritual formation, and service, University Ministries strives to engage heart, soul, mind, and strength to “love God, love people, and change the world.”

### University Ministries Staff

Minister to the University . . . . . Matt Kerlin  
 Minister to Students, Campus & Community Involvement . . . . . April Robinson  
 Minister to Students, Global Involvement . . . . . Renee Pitts  
 Minister to Students, Spiritual Formation . . . . . Brian Pitts  
 Ministry Assistant . . . . . Kath White  
 Ministry Assistant . . . . . Elaine Moody

### Worship

**Shiloh:** A worship gathering. Every Tuesday at 7:00 p.m., you are invited to a time of reflection, prayer, teaching, and communion in Hodges Chapel.

**Seasonal Services:** Hanging of the Green, Ash Wednesday, Maundy Thursday, and Prayer for the Persecuted Church are a few of the special services offered on campus throughout the year.

**Samford Ministries Choir (SMC):** This 80-voice, student-led choir shares the powerful story of God's love through music in area churches, at youth events, and on tour. Auditions are held at the beginning of each semester.

**GRACE:** This interpretative dance group uses creative movement to enhance worship in settings on campus and in the community.

**Word Players:** This creative ministry team uses both comic and dramatic skits, mime, and testimony to present the Gospel to audiences of all ages. Auditions for this team are held at the beginning of each semester.

**In His Hands:** Through the use of creative sign language and song, this group ministers in the community and local churches to people of all ages.

### Spiritual Formation

**Freshman Ministries:** Small groups and special events provide opportunities to build relationships and spiritual support during the first year of transition into the college lifestyle.

**Imago Dei Groups:** These groups provide a context in which women can explore what it means to be “created in the image of God.” Using the Bible as well as other sources from the media, psychology, and cultural studies, we examine the messages we receive about being a woman and how those messages affect body image, role expectations, and what it means to be a Christian.

**Cadres:** These small groups are lead by faculty/staff during the chapel hour for the purpose of theological discussion and spiritual formation.

**Breathe:** This spiritual formation retreat is intended to create a space in the lives of students for the purpose of reflection, rest, and resolve in the serious call to a life of discipleship. Join us this fall!

**Fellowship of Christian Athletes:** Through worship, Bible studies, and fellowship, the love of Christ is shared among Samford athletes.

### Global Involvement

**Summer Missions:** Summer Missions provides the opportunity to expand your worldview, put your faith into practice, and learn something new about yourself and God.

**Missions Scholarship Program:** Each year, Student Ministries raises a substantial amount of money for the specific purpose of helping student missionaries. In order to distribute these resources to students, we have established a scholarship program in which any student preparing for a summer mission project can submit a request for missions funding assistance.

**Global Christian Fellowship:** Students meet monthly to host special guests who will address a variety of mission-related topics. This group is for anyone interested in missions, whether short-term or vocational. We welcome anyone seeking to become a global Christian.

### Community Involvement

**Spring Break Missions:** Spend Spring Break ministering to children, planting churches, painting houses, working at a food bank, or feeding the homeless. Whatever the details of the trip, the purpose will always be to share the love of Christ.

**Firehouse:** Students partner with the staff of The Old Firehouse Shelter to care for and empower homeless men.

**Juvenile Detention Ministry:** Listening, answering questions about God, playing basketball or a game of cards are all important elements of this ministry to juvenile offenders. The group meets Wednesdays at 6:00 p.m.

**Habitat for Humanity:** Students meet on designated Saturdays to build houses in an effort to reduce substandard housing in the Birmingham area.

**Northstar Youth Ministries:** Students practice what it means to “love your neighbor” in the community of College Hills. There are many and varied opportunities to put your gifts to good use and build meaningful relationships.

**Perry County Initiative:** Students, faculty, and staff investing in the people and organizations of Perry County in pursuit of community and justice.

**Ville Crew:** Inner City children wait expectantly every Saturday morning for this group of students who come to play with them and to share the love of Christ through music, Bible stories, and one-on-one relationships.

**Young Life:** If you are interested in ministry with junior high or high school students, this is a wonderful opportunity in the Birmingham area! Young Life focuses on sharing Christ with adolescents and helping them to grow in their faith.

### Social Justice

**Alabama Citizens for Constitutional Reform (ACCR):** Join other Alabamians in the work to create a better future for themselves and their state through efforts to get a new state constitution drafted.

**Restoring Eden:** Students positively impact the community by raising awareness of environmental issues and by rallying efforts for recycling on campus. We are all called to be good stewards of God’s creation, and this group leads by example.

**International Justice Mission (IJM):** IJM Campus Charters empower students to use their faith, talents, and abilities to support the fight against injustice through education, prayer, and fundraising.

### Leadership

**Council:** This team of students organizes and facilitates the various areas of ministry within the Student Ministries structure. Application for this leadership team is held during the spring semester.

**Committees:** Students may volunteer to serve in any area of Student Ministries. Visit [www.samford.edu/stumin](http://www.samford.edu/stumin) for details on how to get involved.

### Convocation

The purpose of Convocation is to nurture students in faith, learning, and values from a distinctly Christian perspective. Students are made aware of the Christian worldview and are encouraged to develop sympathy with the Christian mission in the world. Students are provided with opportunities to grow toward spiritual maturity. Convocation events help to cultivate the climate within which transcendent and teachable moments can occur in both formal and informal contexts at Samford.

Convocation offers nurture on an individual level, a corporate level, and a confessional level. First, Convocation provides activities that challenge persons to grow toward Christian maturity. Second, Convocation encourages persons to contribute to the Christian ethos of the University community. Third, Convocation is a formal means by which we – the University – can be who we say we are: a community committed to faith, learning, and values rooted in a Christian worldview.

Convocation programs allow students to satisfy the Convocation requirement for graduation. For more information about Convocation requirements, please see p. 24 of this catalog, or visit the University Ministries Web site at [www.samford.edu/um](http://www.samford.edu/um).

# Howard College of Arts and Sciences



## Administration

David W. Chapman, Dean  
Rosemary M. Fisk, Associate Dean  
Dana K. Basinger, Assistant Dean  
George E. Keller III, Assistant Dean

## History

John Howard, for whom Howard College was named, was an eighteenth century English social reformer who frequently risked his own life to better the wretched condition of prisoners in that era. He was widely revered as a model of Christian compassion when Howard College was founded in 1841. When the college became a university in 1965, the Howard College of Arts and Sciences retained both the name and the legacy of this great humanitarian.

## Mission

Most Samford students will spend the majority of their first two years taking courses in the College of Arts and Sciences. This liberal education provides the foundation for more advanced study in particular disciplines or majors. Many students will continue to major in one of the traditional liberal arts disciplines, including the humanities, the social sciences, or the natural sciences. With sixteen departments and over 30 different majors, Howard College is the largest of Samford's eight schools. Although liberal arts majors are not necessarily tied to a specific career path, they all provide an ability to think critically and express ideas cogently—skills that are valued in all professions.

In addition to career-related objectives, a liberal education engages students in the larger questions of life. Courses in the humanities acquaint students with the religious, social, linguistic, and aesthetic dimensions of world cultures. Courses in the social sciences provide a means for exploring the varieties of human experience and patterns of social behavior. Courses in mathematics and sciences provide insight into the natural world and quantitative methods. Moreover, such a course of study helps students develop a closely examined core of personal beliefs and a strong code of values that lead to an informed and constructive public life. For more than a century and a half, the Howard College of Arts and Sciences has embodied these high ideals within a Christian environment in which dedicated teachers and students can work closely together to seek each individual's highest fulfillment.

## Degrees Offered

The College offers programs that meet the requirements for the bachelor of arts and bachelor of science degrees. A master's degree is offered in environmental management (see Department of Biological and Environmental Sciences).

## Teacher Certification

Students who want to receive teacher certification while earning a bachelor of arts degree or bachelor of science degree should consult with the certification officer and advisor in the Orlean Bullard Beeson School of Education and Professional Studies (OBB 322).

## Accreditation

All degrees in the Howard College of Arts and Sciences are fully accredited by the Southern Association of Colleges and Schools.

## Departments

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## University Core Curriculum and General Education Requirements

### Core Faculty

Nancy C. Biggio, Assistant Professor  
R. Kenneth Kirby, Assistant Professor  
Lynette M. Sandley, Assistant Professor  
Carol Ann Vaughn, Assistant Professor  
Sonya B. Davis, Instructor  
Kathy C. Parnell, Instructor

All students in the Howard College of Arts and Sciences will complete the University Core Curriculum (22 credits). Additional courses in general education are also required to provide the foundation for the more specialized courses in the major. In some cases the particular course required to satisfy a general education requirement is specified by the major. Students should consult the section of the catalog that describes the major under consideration to learn about these special requirements.

#### UCBP 101 Biblical Perspectives (4)

Examination of historical context and religious teachings of Hebrew and Christian Scriptures. Cultivation of critical competencies necessary for the academic study of traditional texts. Course objectives include an understanding of the historical context in which the Bible took shape; appreciation of the development of religious thought within the biblical period; examination of how biblical teachings have been and are interpreted and applied; and study of the Bible, using a variety of modern critical methods.

#### UCCA 101 Communication Arts I (4)

Introductory course in communication, emphasizing guided practice in speaking, listening, reading, and writing. Students gain proficiency in the use of library resources and in foundational computing skills. Students must write a minimum of four essays that are revised through multiple drafts and carefully edited before submission. They also must make at least three oral presentations during the course. Students must pass this course with a grade of C- or better to advance to UCCA 102.

#### UCCA 102 Communication Arts II (4)

Continuation of UCCA 101 with additional guided practice in speaking, listening, reading, and writing. Special emphasis placed on research-based writing and argumentation. Students must write a minimum of four essays that are revised through multiple drafts and carefully edited before submission. They also must make at least three oral presentations during the course. Prereq: Grade of C- or better in UCCA 101. Students must pass this course with a grade of C- or better.

#### UCCP 101 Cultural Perspectives I (4)

First in a two-semester sequence that examines the Western intellectual tradition within a global context. Through interdisciplinary study, students increase their awareness of the cultural, historical, literary, philosophical, and religious influences upon the development of civilizations.

#### UCCP 102 Cultural Perspectives II (4)

Second in a two-semester sequence that examines the Western intellectual tradition within a global context. Through interdisciplinary study, students increase their awareness of the cultural, historical, literary, philosophical, and religious influences upon the development of civilizations.

#### UCFH 120 Concepts of Fitness and Health (2)

Physical fitness course, with emphasis on exercises that develop cardiorespiratory, muscular, and flexibility fitness. All aspects of fitness, such as principles of aerobic fitness, nutrition, flexibility, strength training, common fitness injuries, and weight control and body composition are discussed and applied. Students with physical disabilities may consult the ESSM department chair for special consideration.

NOTES: 1) Core curriculum requirements cannot be met through transient enrollment; 2) Placement into UCCA 102, bypassing the requirement to complete UCCA 101, does not exempt students from the minimum number of hours required for their chosen degree program (usually 128). These students may need to complete an additional four hours of a General Elective.

General Education Required Courses		Course Credits	Total Required Credits
<b>Natural &amp; Computational Sciences (select two courses)</b>			<b>8</b>
BIOL 105	Principles of Biology	4	
BIOL 107	Contemporary Biology	4	
BIOL 110	Human Biology	4	
BIOL 111	Animal Biology	4	
BIOL 112	Plant Biology	4	
CHEM 108/109	General, Organic, & Biological Chem w/Lab	4	
CHEM 205/206	Foundations of Chemistry w/Lab	5	
COSC 107	Introduction to Computer Science	4	
GEOG 150	Physical Geography	4	
IDSC 201	Scientific Methods*	4	
PHYS 100	Physics for Society	4	
PHYS 101	General Physics I	4	
PHYS 102	General Physics II	4	
PHYS 150	Introduction to Astronomy	4	
PHYS 203	Physics I	5	
PHYS 204	Physics II	5	
PHYS 206	Sound and Music	4	
<b>Social Science (select one course outside your major)</b>			<b>4</b>
COMS 205	Intercultural Communication	4	
ECON 201	Principles of Macroeconomics	4	
GEOG 101	Global Geography	4	
JMC 200	Mass Media and Society	4	
LOND 360	British Heritage and Culture	4	
POLS 200	Introduction to Political Science	4	
PSYC 101	General Psychology	4	
SOCI 100	Introduction to Sociology	4	
SOCI 101	Introduction to Cultural Anthropology	4	
<b>Mathematics (select one course)</b>			<b>4</b>
MATH 110	Contemporary Mathematics	4	
MATH 150	Precalculus	4	
MATH 210	Elementary Statistics	4	
MATH 240	Calculus I	4	
Any other math course above 240 for students who demonstrate competency at the Calculus I level.		4	
<b>Languages** For students without language proficiency, the normal sequence is:</b>			<b>4-16</b>
FREN, GER, GREK, HEBR, LATN, or SPAN 101		4	
FREN, GER, GREK, HEBR, LATN, or SPAN 102		4	
FREN, GER, GREK, HEBR, LATN, or SPAN 201		4	
FREN, GER, GREK, HEBR, LATN, or SPAN 202		4	
<b>Fine Arts (select two courses)†</b>			<b>4</b>
ART 200	Art Appreciation†	2	
MUSC 200	Music Appreciation††	2	
THEA 200	Theatre Appreciation†††	2	
<b>Humanities (select one course outside your major)</b>			<b>4</b>
CLAS 200	Rediscovery of the Classical World	4	
ENGL 205	Fiction and Film	4	
HIST 200	The West in Global Perspective	4	
LAST 201	Latin American Studies	4	
LOND 360	British Heritage and Culture	4	
PHIL 241	Introduction to Philosophy	4	
RELG 200	Christian Ethics	4	
RELG 201	Introduction to World Religions	4	
RELG 221	Christian Theology	4	
<b>Physical Activity***</b>			<b>2</b>
<b>Total Required Credits</b>			<b>30-42</b>

\* IDSC 201 Scientific Methods: For a complete course description, see p. 65, 72, or 99.

\*\* Students with a higher level of proficiency may begin with the 201-202 sequence. An accelerated one-semester course is available in French and Spanish (FREN 203, SPAN 203). Arabic, Chinese, Hindi, Italian, Japanese, Portuguese, Russian, Swahili, and Thai are also available through the Critical Languages Program. For further details see the World Languages and Cultures section. Students may take one year of Greek, plus one year of Hebrew, in lieu of two years of the same language.

\*\*\* Select two different 1-credit, fitness-based activity courses (see p. 154 for a list of applicable courses). If PHED 138 Water Safety Instructor Course (2) is passed, the successful completion of UCFH 120 will fulfill the student's physical activity require-

ment. Note: One semester of ROTC, marching band (MUSC 1739 or 3739), or dance (DANC 100, 101, 102, 201, 202, 211, 212, 301, or 302) may substitute for one physical activity credit.

NOTE: Study Abroad courses in London and other international settings may meet the general education requirements for humanities, social science, and natural and computational sciences, subject to approval by the department chair of the course equivalent.

‡ LOND 202 satisfies the Fine Arts requirement.

† ART 301, 381, 382, 383, or LOND 201 may be substituted for ART 200.

†† LOND 201 may be substituted for MUSC 200.

††† THEA 331 or LOND 200 may be substituted for THEA 200.



# Biological and Environmental Sciences

## Faculty

Ronald N. Hunsinger, Chair, Professor  
Lawrence J. Davenport, Professor  
David A. Johnson, Professor  
Elizabeth G. Dobbins, Associate Professor  
George E. Keller III, Associate Professor  
Kristin A. Bakkegard, Assistant Professor  
Rita Malia Fincher, Assistant Professor  
Jasmine P. Gaines, Assistant Professor  
LaKisha D. Moore, Assistant Professor  
Marione E. Nance, Assistant Professor

## Undergraduate Programs and Requirements

### Majors

Biology  
Environmental Science  
Marine Science

### Minors

Bioinformatics  
Biology  
Marine Science

The Department of Biological and Environmental Sciences offers majors in biology, environmental science, and marine science, each leading to a bachelor of science degree. Preparation is provided for professional programs in the allied health sciences.

The department also offers minors in biology and marine science, plus an interdisciplinary minor in bioinformatics, offered in cooperation with the Department of Mathematics and Computer Science. The bioinformatics minor is available in three variations, depending on the student's major. See p. 92 for more information.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses.

## Undergraduate Courses

### BIOLOGY

#### IDSC 201 Scientific Methods (4)

Scientific approach to understanding the physical universe through an investigation of representative topics in physics, chemistry, and biology, paying particular attention to the sources of scientific information both for scientists and society. Interdisciplinary course taught by faculty in biology, chemistry, and physics. Meets general education requirement for natural and computational sciences. LEC 4. Prereq: Grade of C- or better in UCCA 102.

#### BIOL 105 Principles of Biology (4)

Study of the principles of life common to all living organisms. Topics include biological chemistry, cellular biology, inheritance, survey of animals and plants, and ecology. Designed for non-biology majors. Includes laboratory.

#### BIOL 107 Contemporary Biology (4)

Survey of contemporary biology, with emphasis on the interactions of humans with the biological world. Designed for non-biology majors. Includes laboratory.

#### BIOL 110 Human Biology (4)

Study of the biological principles of the human body from a human biology anatomical, physiological, and ecosociological perspective. Includes laboratory.

### Biology Major

Students majoring in biology are offered the flexibility to design their own program. Students may emphasize the science of the environment, plant and animal diversity, animal physiology, microbiology, or cell-molecular biology. This flexibility allows students to prepare for a variety of graduate and professional programs.

Biology Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>38-57</b>
<b>Natural and Computational Sciences:</b>		<b>16-23</b>
<b>Chemistry</b> (select at least three combinations of lec/lab*)	<b>12-13</b>	
CHEM 205 Foundations of Chemistry	4	
CHEM 206 Foundations of Chemistry Laboratory	1	
CHEM 215 Fundamentals of Organic Chemistry	3	
CHEM 216 Fundamentals of Organic Chemistry Lab	1	
CHEM 315 Organic Reactions & Mechanisms	3	
CHEM 316 Organic Reactions & Mechanisms Lab	1	
CHEM 325 Quantitative Analysis	3	
CHEM 326 Quantitative Analysis Laboratory	1	
CHEM 350 Biochemistry	3	
<b>Physics</b> (choose one option)	<b>4-10</b>	
PHYS 101 or 101-102 General Physics I and II (4-8) or PHYS 203 or 203-204 Physics I and II (5-10)		
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics</b>		<b>4</b>
<b>World Languages</b>		<b>4-16</b>
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Biology Major:</b>		<b>36</b>
<b>Biology Core**</b>		<b>20</b>
BIOL 203 Foundations of Biology I	4	
BIOL 204 Foundations of Biology II	4	
BIOL 326 Environmental Science	4	
BIOL 333 Genetics	4	
BIOL 438 Biology Seminar (enroll during senior yr)	4	
<b>Biology Electives***</b>		<b>16</b>
<b>General Electives</b>		<b>13-32</b>
<b>Total Required Credits</b>		<b>128</b>

\* Selection should be made with the help of an academic advisor.

\*\* BIOL 105, 111, and 112 may substitute for BIOL 203 and 204.

\*\*\* The requirement excludes externships (BIOL 361) and independent research (BIOL 439, 440, and 441).

### Biology Minor

Biology Minor Required Courses	Course Credits	Total Required Credits
<b>Biology Core*</b>		<b>12</b>
BIOL 105 Principles of Biology	4	
BIOL 111 Animal Biology	4	
BIOL 112 Plant Biology	4	
<b>Biology Electives</b> (Select two upper-level courses, excluding BIOL 438, 439, 440, and 441)		<b>8</b>
<b>Total Required Credits</b>		<b>20</b>

\*BIOL 203 and 204 may substitute for BIOL 105, 111, and 112; however, 20 credits are needed to satisfy the minor in biology.

## Environmental Science Major

<b>Environmental Science Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>59-71</b>
<b>Natural and Computational Sciences:</b>		<b>33</b>
<b>Chemistry</b>	<b>21</b>	
CHEM 205 Foundations of Chemistry	4	
CHEM 206 Foundations of Chemistry Laboratory	1	
CHEM 215 Fundamentals of Organic Chemistry	3	
CHEM 216 Fundamentals of Organic Chemistry Lab	1	
CHEM 315 Organic Reactions & Mechanisms	3	
CHEM 316 Organic Reactions & Mechanisms Lab	1	
CHEM 325 Quantitative Analysis	3	
CHEM 326 Quantitative Analysis Laboratory	1	
CHEM 340 Chemical Instrumentation*	4	
<b>Geography</b>	<b>4</b>	
GEOG 150 Physical Geography	4	
<b>Physics</b>	<b>8</b>	
PHYS 101 General Physics I	4	
PHYS 102 General Physics II	4	
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics</b>		<b>8</b>
MATH 210 Elementary Statistics	4	
MATH 240 Calculus I	4	
<b>World Languages</b>		<b>4-16</b>
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Environmental Science Major:</b>		<b>44</b>
BIOL 203 Foundations of Biology I	4	
BIOL 204 Foundations of Biology II	4	
BIOL 302 Mammalian Physiology	4	
BIOL 325 General Microbiology	4	
BIOL 326 Environmental Science	4	
BIOL 333 Genetics	4	
BIOL 403 Invertebrate Field Zoology	4	
BIOL 416 Vertebrate Field Zoology	4	
BIOL 422 Plant Taxonomy and Local Flora	4	
BIOL 438 Biology Seminar	4	
BIOL 436 Ecology	4	
<b>General Electives</b>		<b>0-8</b>
<b>Total Required Credits</b>		<b>133-137</b>

\*See the 2006-07 catalog for a course description for CHEM 340.

## Marine Science Major

Students pursuing this program must complete a minimum of one semester or two five-week summer terms at the Dauphin Island Sea Lab located on Dauphin Island in Mobile Bay. The Sea Lab is operated by the Marine Environmental Science Consortium of which Samford is an active member. At least one year (preferably more) of biology is required before any upper-level course in marine science may be taken. Alternately, a student may complete the necessary marine biology courses to satisfy a minor in marine science.

<b>Marine Science Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>47-61</b>
<b>Natural and Computational Sciences:</b>		<b>21-23</b>
<b>Chemistry</b>	<b>13</b>	
CHEM 205 Foundations of Chemistry	4	
CHEM 206 Foundations of Chemistry Laboratory	1	
CHEM 215 Fundamentals of Organic Chemistry	3	
CHEM 216 Fundamentals of Organic Chemistry Lab	1	
CHEM 315 Organic Reactions & Mechanisms	3	
CHEM 316 Organic Reactions & Mechanisms Lab	1	
<b>Physics (choose one combination)</b>	<b>8-10</b>	
PHYS 101-102 General Physics I and II (8) <i>or</i> PHYS 203-204 Physics I and II (10)		
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics</b>		<b>8</b>
MATH 210 Elementary Statistics	4	
MATH 240 Calculus I	4	
<b>World Languages</b>		<b>4-16</b>
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Marine Science Major:</b>		<b>36</b>
<b>Biology</b>		<b>20</b>
BIOL 203 Foundations of Biology I	4	
BIOL 204 Foundations of Biology II	4	
BIOL 333 Genetics	4	
BIOL 438 Seminar	4	
Biology Elective	4	
<b>Marine Science*</b>		<b>16</b>
MARS 403 Marine Invertebrate Zoology	4	
MARS 411 Marine Vertebrate Zoology	4	
MARS 412 Marine Botany	4	
MARS 436 Marine Ecology	4	
<b>General Electives</b>		<b>9-23</b>
<b>Total Required Credits</b>		<b>128</b>

\*Substitutions of other marine science courses must be approved by program director.

## Marine Science Minor

<b>Marine Science Minor Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Marine Science*</b>		<b>20</b>
MARS 403 Marine Invertebrate Zoology	4	
MARS 411 Marine Vertebrate Zoology	4	
MARS 412 Marine Botany	4	
MARS 436 Marine Ecology	4	
MARS or BIOL upper-level course	4	
<b>Total Required Credits</b>		<b>20</b>

\*BIOL 105, 111, and 112, or BIOL 203 and 204 are prerequisites for the marine science courses.

### Bioinformatics Minor for Biology or Biochemistry Majors

An interdisciplinary program merging insights and techniques from the fields of biology, computer science, mathematics, and information technology. Computational methods lead to the discovery of new biological insights and the creation of global perspectives from which to discover unifying principles in biology, pharmacology, and medicine.

Three versions of the bioinformatics minor are available. Students majoring in biology or biochemistry should follow the minor table below. Students majoring in computer science or any other discipline should follow one of two bioinformatics minor tables as seen in the Department of Mathematics and Computer Science section.

<b>Bioinformatics Minor for Biology or Biochemistry Majors Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Computer Science Core</b>			<b>12</b>
COSC 110	Introduction to Programming	4	
COSC 200	Discrete Structures for Computer Science	4	
COSC 210	Data Structures and Algorithms	4	
<b>Computer Science Elective</b> (select one from below)			<b>4</b>
COSC 315	Databases & Information Management	4	
COSC 325	Languages and Theory	4	
COSC 420	Software Engineering	4	
COSC 460	Current Topics in Computing	4	
COSC 470	Artificial Intelligence and Advanced Computing Strategies	4	
<b>Bioinformatics</b>			<b>8</b>
COSC 306 or BIOL 306	Principles of Bioinformatics	4	
COSC 407 or BIOL 407	Advanced Bioinformatics	4	
<b>Mathematics</b>			
Meet math requirements for any course listed above			
<b>Total Required Credits</b>			<b>24</b>

NOTE: BIOL 405 must be one of the elective courses taken for the biology major. Biology majors may not use BIOL 306/COSC 306 or BIOL 407/COSC 407 to satisfy **both** the biology major and the bioinformatics minor requirements.

#### BIOL 111 Animal Biology (4)

Study of animal life from a cellular to organismal level with emphasis on animal taxonomy and environmental relationships. Includes laboratory.

#### BIOL 112 Plant Biology (4)

Study of the form, function, and classification of the plant kingdom. Includes laboratory. Offered: As needed.

#### BIOL 203 Foundations of Biology I (4)

Survey of cellular and subcellular biology, metabolism, physiology, genetics and the phylogeny, nomenclature, structure, and function of major animal taxa. Designed for biology and related majors. Includes laboratory.

#### BIOL 204 Foundations of Biology II (4)

Study of the phylogeny, nomenclature, structure, and function of plants, fungi, and algae in relation to the principles of ecology and natural selection. Designed for biology and related majors. Includes laboratory.

#### BIOL 205 Biology in Great Britain (4)

Survey of the contributions of the British to major concepts in biology such as DNA structure, natural selection, the experimental method, medicine, and biotechnology. Includes visits to museums of medicine and natural history, Kew Botanical Gardens, the London Zoo, Downe House of Kent, and other places of interest. Suitable for biology majors, minors, and interested non-majors. Offered: Jan Term, as needed.

#### BIOL 217 Principles of Human Anatomy (4)

Survey of microscopic and gross anatomy of the human body based upon animal dissection. Includes review of cell structure, tissue structure, and detailed anatomical studies of the human organ systems in a combined lecture and laboratory setting. Human cadaver prosection will be used to enhance anatomical demonstrations. Designed for students majoring in nursing, pre-pharmacy, physical education and sports medicine, allied health fields, or psychology. Students majoring in other areas must have special permission of the instructor.

#### BIOL 218 Principles of Human Physiology (4)

Introductory exploration of the basic physiology of the human body and the principles fundamental to normal and pathological functioning. Designed for students majoring in nursing, pre-pharmacy, physical education and sports medicine, allied health fields, or psychology. Students majoring in other areas must have special permission of the instructor. Lecture format.

#### BIOL 225 Microbiology for Allied Health Sciences (4)

Introduction to the study of microorganisms with special emphasis on their relation to human health and welfare. LEC 4, LAB 3. Prereq: One course in biology and one course in chemistry.

#### BIOL 300 Mental Illness: A Biological Perspective (4)

Study of the history of neuroscience, its scope and definition, neuron function, basic brain anatomy, basic neurochemistry, and the biological aspects of the major psychiatric disorders. Prereq: One semester of biology. Offered: Jan Term.

#### BIOL 301 Mammalian Anatomy (4)

Anatomical and histological study of the mammalian and human organ systems. Human cadaver dissection will be used to enhance anatomical demonstrations. Strongly recommended for students intending to pursue a biomedical graduate program. Includes laboratory. Prereq: BIOL 203 and 204, or one year of biology with permission of department.

#### BIOL 302 Mammalian Physiology (4)

Study of the function of the mammalian and human organ systems. Each week consists of four hours of lecture, laboratory demonstrations, films, slides, and case studies with an emphasis on normal and pathological conditions and critical thinking. Strongly recommended for students intending to pursue a biomedical graduate program. Prereq: BIOL 203 and 204, or one year of biology with permission of department. May be taken concurrently with BIOL 301.

#### BIOL 303 Experimental Physiology (4)

Combined lecture/laboratory experience that provides a nucleus of experimental procedures and techniques of animal physiology. Includes several classical physiological laboratory exercises and an original investigative research project. Strongly recommended for students intending to pursue a biomedical graduate program and for students interested in the acquisition of small animal surgery and experimental techniques. Prereq: BIOL 301. Prereq or co-req: BIOL 302. Offered: Fall.

#### BIOL 306 Principles of Bioinformatics (4)

Interdisciplinary approach to science – biological and computational - to gain new insights into complex living systems. Methods developed in this discipline address outstanding questions in medicine, behavior, health, pharmacy, genetics, the environment, and other biologically related areas. Co-listed as COSC 306. Prereqs for all majors: BIOL 105, 110, or 203; or permission of the instructor. Additional prereqs for computer science majors: COSC 200 and COSC 210, with grades of C or better. Offered: As needed.

#### BIOL 311 Histology (4)

Study of the microscopic anatomy of the tissues and organs of vertebrate animals, particularly mammals. Strongly recommended for students seeking professional careers or graduate school. Includes laboratory. Prereq: BIOL 203 and 204, or one year of biology with permission of department. Offered: Fall.

**BIOL 314 Embryology (4)**

Comparative study of the origin and development of vertebrate embryos, emphasizing developmental principles. Prereq: BIOL 203 and 204, or one year of biology with permission of department. Offered: Spring.

**BIOL 319 Island Ecology (4)**

International travel course to tropical or subtropical island ecosystems (Belize or Andros Island, Bahamas). Focus on terrestrial and marine ecosystems and the impact of human culture and economy. Offered: Jan Term.

**BIOL 325 General Microbiology (4)**

Study of the form and function of microbial organisms, especially bacteria, and of their relation to man. Restricted to biology majors. LEC 4, LAB 3. Prereq: BIOL 203 and 204, or one year of biology with permission of department. Offered: Fall and Spring.

**BIOL 326 Environmental Science (4)**

Study of the relationship of humans to the environment on current environmental problems. Prereq: BIOL 203 and 204, or one year of biology with permission of department.

**BIOL 327 Conservation Ecology (4)**

Study of the basic principles of ecology which relate to the utilization and conservation of the earth's biological resources. Includes ecosystem dynamics, population ecology, wildlife and fisheries techniques, the economics of conservation, and issues relating to the protection of endangered species. Includes laboratory. Prereq: Any 100-level biology course. Offered through Metro Programs only as MPBI 327.

**BIOL 333 Genetics (4)**

Introductory study of the inheritance of similarities and variations in plants and animals with practical aspects as applied to man. Prereq: BIOL 203 and 204, or one year of biology with permission of department.

**BIOL 334 Experimental Genetics (4)**

Laboratory-based study of current genetic laboratory methodologies, including cytogenetics and karyotypic analysis, transmission analysis, DNA isolation and fragmentation, cloning, chromosome mapping, and fingerprinting. Prereq: BIOL 333. Offered: As needed.

**BIOL 337 Infectious Diseases (4)**

Detailed study of microbe-host interaction and the linkage of basic microbiology to clinical infectious diseases. Designed to extend and enhance the knowledge of prehealth professionals beyond the material covered in introductory or general microbiology courses. Prereq: BIOL 225 or BIOL 325. Offered: Jan Term.

**BIOL 340 Amazon Rain Forest (4)**

Field investigation of the Peruvian Amazon Rain Forest ecosystem. Emphasis on the complex relationship between tropical plants, vertebrate and invertebrate animals, and natives of the area. Offered: Jan Term.

**BIOL 344 Principles of Immunology (4)**

Study of the immune system and host defense strategies against microorganisms and tumors. Recommended for students planning a health-related clinical or research career. Prereq: BIOL 203 and 204, or one year of biology with permission of department. Offered: Jan Term.

**BIOL 361 Hospital Internship (4)**

Supervised internship in a hospital setting, with exposure to various aspects of hospital operations. Grading is pass/fail only. Co-listed as CHEM 361. Offered: Jan Term only, with schedule arranged on an individual basis.

**BIOL 402 Challenge to Sustainability: Conserving East Africa's Biodiversity (4)**

Exploration of local, national, and international efforts to manage and conserve East Africa's biodiversity. Topics include the biogeography of East Africa, its people, history, current conservation issues and the role of sustainable development in the conservation of natural resources. Includes a 15-day safari to East African countries with visits and fieldwork at selected game reserves, discovery centers, and national parks. Co-listed as ENVM 528. Offered: Summer.

**BIOL 403 Invertebrate Field Zoology (4)**

Study of the classification, morphology, physiology, and natural history of invertebrate phyla. LEC, LAB. Prereq: BIOL 203 and 204, or one year of biology with permission of department. Offered: Fall.

**BIOL 405 Cell and Molecular Biology (4)**

Study of the cell as it relates to the underlying structure and function of higher organisms. Emphasis given to human cell physiology, cytogenetics, and immunology. Lectures are supplemented by laboratory demonstrations, videos, slides, and case studies that require critical thinking. Prereq: BIOL 203 and 204, or one year of biology with permission of department. Offered: Fall.

**BIOL 406 Experimental Cell Biology (4)**

Introduction to the science and methods of techniques used to study the cell and its functions in a lecture/laboratory-based course. Includes laboratory techniques used in microscopy, cell fractionation, protein purification, enzyme analysis, and DNA manipulation. Prereq: BIOL 405.

**BIOL 407 Advanced Bioinformatics (4)**

Advanced topics in bioinformatics including in-depth investigation of algorithms, innovative techniques, alternative paradigms, advanced database interaction, and algorithm implementation. Co-listed as COSC 407. Prereqs: BIOL 203, BIOL 333, COSC 110, COSC 210; and BIOL 306 or COSC 306. Offered: Spring.

**BIOL 416 Vertebrate Field Zoology (4)**

Field study of the classification and identification of the major groups of vertebrate animals. LEC, LAB. Prereq: BIOL 203 and 204, or one year of biology with permission of department. Offered: Spring.

**BIOL 420 Neuroscience (4)**

Advanced exploration of the human nervous system relating gross and ultrastructural neuroanatomy, membrane biophysics, synaptic transmissions, and neural systems with human cognitive function in health and disease. Prereqs: BIOL 301 or BIOL 302; CHEM 205. Offered: Fall.

**BIOL 422 Plant Taxonomy and Local Flora (4)**

Study of the systems of plant classification, emphasizing recognition of local flora. LEC 2, LAB 4. Prereq: BIOL 203 and 204, or one year of biology with permission of department. Offered: Spring.

**BIOL 423 Medical Microbiology (4)**

Survey of pathogenic microorganisms and their characteristics, diseases they cause, and clinical methods of control. Prereq: BIOL 325. Offered: Spring.

**BIOL 425 Basic Pathology (4)**

Study of the basic causes and mechanisms of cellular and organ dysfunction due to the influences of disease and chemical agents. LEC, LAB. Prereqs: BIOL 217 and BIOL 218, or BIOL 301 and BIOL 302, or permission of department. Offered: Spring.

**BIOL 432 Internship in Environmental Science (4)**

Supervised work experience in a local organization dealing with the environment. Offered: As needed.

**BIOL 436 Ecology (4)**

Study of the interactions of organisms in their environments with emphasis upon natural communities. The laboratory demonstrates basic techniques of ecological investigations by designing and carrying out field experiments, collecting and analyzing data, and drawing conclusions for scientific-quality publications. LEC, LAB. Prereq: BIOL 203 and 204, or one year of biology with permission of department. Offered: Fall.

**BIOL 438 Biology Seminar (4)**

Biology capstone course which emphasizes critical thinking and scientific writing/speaking. Required of all biology majors during the senior year. Prereq: Math and chemistry requirements for a biology major.

**BIOL 439 Research (1)**

Independent, directed-field, or laboratory research. Research topics must be selected by the student and approved by the Independent Research Screening Committee before registration. This course will not satisfy any of the credits of upper-level biology electives required for a major in biology nor the laboratory science general education requirement. Prereq: Permission of a supervising biology professor and approved project proposal.

**BIOL 440 Research (2)**

Independent, directed field, or laboratory research. Research topics must be selected by the student and approved by the Independent Research Screening Committee before registration. This course will not satisfy any of the credits of upper-level biology electives required for a major in biology nor the laboratory science general education requirement. Prereq: Permission of a supervising biology professor and approved project proposal.

**BIOL 441 Research (3)**

Independent, directed-field, or laboratory research. Requirement involves a written paper of scientific merit. Research topics must be selected by the student and approved by the Independent Research Screening Committee before registration. This course will not satisfy any of the credits of upper-level biology electives required for a major in biology nor the laboratory science general education requirement. Prereq: Permission of a supervising biology professor and approved project proposal.

**MARINE SCIENCE**

Courses are offered only at the Dauphin Island Sea Lab operated by the Marine Environmental Sciences Consortium of which Samford University is an active member. A minimum of at least one year of biology (preferably more) is required before any upper-level course in marine science may be attempted. Admission into all courses is subject to ultimate approval by the instructor. Unless otherwise indicated, marine science courses (MARS) are offered during the summer.

**MARS 203 Marine Technical Methods (2)**

Introduction to the techniques, instrumentation and equipment necessary to perform marine research, emphasizing field methods. Subject matter includes pre-sampling organization, sampling plan and report development, navigation, hydrographic sampling for physical and chemical properties, and sampling techniques for sediments and the water-column (phytoplankton, zooplankton and nekton). Includes lectures and demonstrations followed by activities designed to provide hands-on experience in sampling and data acquisition. One day will be devoted to a cruise that involves application of research techniques. Prereq: None.

**MARS 204 Biology and Conservation of Marine Turtles (2)**

Overview of the biology and conservation of marine turtles. Topics covered include identification, distribution, nesting behavior, migratory behavior, feeding ecology, population biology and genetics, developmental habitats, temperature-dependent sex determination, paleontology, and conservation of marine turtles. Students obtain a detailed knowledge of sea turtle biology and gain an understanding of why many sea turtle species have become endangered and how proper management has allowed some populations to recover. Course culminates with an overnight, multi-day field trip to sea turtle nesting beaches and foraging grounds in the southeastern U.S. Includes visit to sea turtle research and rehabilitation facilities. Field trip provides students the opportunity to observe loggerhead, green, and leatherback turtles in their natural habitats. Prereq: Introductory biology course. Special fees apply and will be determined based on student enrollment in the course.

**MARS 205 Marine Biology (4)**

General survey of invertebrates, vertebrates, and marine plants as communities with emphasis on local examples of these principal groups. Students examine marshland, estuarine, beach, dune inlet and neritic habitats, and niches. Includes lectures, laboratory, and field work.

**MARS 350 Coastal and Marine Geography: Modern Marine Science (4)**

Overview of the world's oceans and the role they play in global geologic, climatologic, and biologic systems. The course investigates current ocean science and technologies, patterns of environmental change, and coastal dynamics. Co-listed with GEOG 350. Offered: Spring, on rotation.

**MARS 403 Marine Invertebrate Zoology (4)**

Study of the natural history, systematics, and morphology of marine invertebrates from a variety of habitats in the Gulf of Mexico, oriented toward a field and laboratory approach. Participation in extended field trips required. Prereq: Introductory zoology.

**MARS 406 Coral Reef Ecology (4)**

Examination of ecology and evolution of coral reef communities, seagrass beds, and mangrove swamps, with exploration of such issues as the degradation of reef-building corals by macroalgae, hurricanes, coral bleaching, diseases of corals and sea urchins, overfishing, and pollution. Students participate in lectures and field exercises in the vicinity of Dauphin Island, and take a one-week field trip to Andros Island, Bahamas. Prereq: A course in either undergraduate biology or ecology. See Instructor.

**MARS 407 Marine Behavioral Ecology (4)**

Examination of how animal behavior is influenced by and interacts with its environment, and the ecological and evolutionary significance of this behavior in a marine setting. Students learn principles of behavioral ecology as they relate to marine animals, become familiar with techniques for observing animal behavior and conducting experiments, and are introduced to methods for collecting and analyzing behavioral data. Includes lectures, laboratory exercises and experiments, and overnight field trips. Designed to provide students with a strong background for further studies in marine animal behavior. Prereq: Introductory courses covering vertebrate and invertebrate zoology; introductory statistics recommended. See instructor.

**MARS 411 Marine Vertebrate Zoology (4)**

Study of marine fishes, reptiles, and mammals, with an in-depth, comprehensive treatment of their systematics. Lectures encompass subject matter on a non-regional basis. Field and laboratory work stresses the vertebrate fauna of the northern Gulf of Mexico. Students have an opportunity to assemble a collection of vertebrate species. Prereq: Two semesters of general biology.

**MARS 412 Marine Botany (4)**

General survey of marine algae and vascular and nonvascular plants associated with marine environments. Includes distribution, identification, structure, ecology, and reproduction. Prereq: General biology.

**MARS 435 Estuarine Biology (4)**

Comprehensive survey of the biological characteristics and supportive physical and chemical features of the estuarine system. Prereqs: BIOL 111, BIOL 436, and one course in chemistry.

**MARS 436 Marine Ecology (4)**

Study of marine organisms as they interact with each other and their environment, and examination of theories and the experimental basis of current knowledge. Laboratory consists of field trips to a wide variety of marine habitats, with field problems examined by small groups of students. Includes study of factors influencing population dynamics, community structure, and energy flow in marine ecosystems. Habitats selected for emphasis include coral reefs, kelp forests, seagrass meadows, the rocky intertidal, and deep-sea hydrothermal vents. Participation in an overnight field trip is required. Advanced course open to juniors, seniors, and graduate students. Prereq: General biology, marine biology or graduate standing.

**MARS 439 or MARS 440 Research or Special Topics (1-6 each course)**

Students may enroll by special arrangement in any of the subjects listed. Students should note in which term they wish to take special topics in a particular subject. Only Marine Science Programs resident faculty will be available for special topics during both terms. Other instructors will be available only in the time period listed for their respective courses. Prereq: Permission of the instructor.

## Graduate Programs and Requirements

### Degree

Master of Science in Environmental Management (M.S.E.M.)

### Joint-Degree

Master of Science in Environmental Management/Juris Doctor (M.S.E.M./J.D.)

### Environmental Management

The master of science in environmental management (M.S.E.M.) is a 36-credit, non-thesis program conducted by the Department of Biological and Environmental Sciences. It directs working professionals through a collection of courses to prepare them for the decision-making processes of the ever-increasing demands of environmental regulatory compliance.

A joint graduate degree in environmental management and law (M.S.E.M./J.D.) is offered in conjunction with the Cumberland School of Law. Contact the Cumberland School of Law for more information.

### Graduate Admission Requirements

Three levels of admission status are designated:

1. Regular admission after three years of relevant work experience:
  - a. Graduation from an accredited college or university with an overall GPA of at least 2.50.
  - b. A minimum of three years relevant work experience
  - c. Two letters of reference from nonrelated persons.
2. Regular admission for recent college graduates (three years or less since award of undergraduate degree):
  - a. Graduation from an accredited college or university with an overall minimum GPA of 3.00.
  - b. A GRE score of at least 1,000 or a MAT score of at least 50, taken within the last five years.
  - c. Two letters of reference from nonrelated persons.
3. Provisional Admission: Provisional admission may be granted upon demonstrating seriousness of purpose and ability to succeed in the program. This status will be considered for applicants who do not meet all requirements for regular admission as listed above. The applicant must furnish two letters of recommendation from two nonrelated persons. If offered provisional admission, the student must complete the first six semester hours with no grade lower than a B. Upon demonstrating this level of work, the student will qualify for admission to regular graduate status.

### Required Credentials for Admission

Each student must submit official transcripts from all colleges and universities attended. In order for transcripts to be official, they must be sent directly from the student's college/university to the Office of Admission, Samford University, 800 Lakeshore Drive, Birmingham, AL 35229. Transcripts sent to faculty or other offices on campus are not official. In addition, GRE or MAT scores must be sent directly to the Office of Admission from the testing agency. Scores furnished from other sources are not considered to be official.

### Notification of Admission

Official notification of admission is communicated by letter from the Office of Admission. In the case of provisional admission, the letter may stipulate certain conditions which must be met by the applicant.

### Prerequisites for Graduate Admission

While interdisciplinary in nature and accepting candidates with a variety of backgrounds and degrees, the program is heavily technical and scientific in design. Applicants will ideally have some training in the biological and physical sciences. If the admission committee notes a lack of scientific background in an applicant's preparation, it will require the student to complete a cell-based general biology course, specifically approved by the program directors, PRIOR to taking any of the scientifically-oriented courses in the program, with the exception of ENVM 501 (Biological and Environmental Chemistry). This cell-based general biology course may be an undergraduate course and will not count towards the 36 credits required for degree completion.

## Master of Science in Environmental Management

<b>Master of Science in Environmental Management Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Environmental Management Core</b>			<b>12</b>
ENVM 501	Biological and Environmental Chemistry	3	
ENVM 502	Environmental Law and Regulation	3	
ENVM 504	Basic Toxicology	3	
ENVM 505	Environmental Sustainability	3	
<b>Environmental Management Electives (choose eight courses)</b>			<b>24</b>
ENVM 503	Quantitative Methods for Environmental Decision Makers	3	
ENVM 506	Environmental Risk Assessment & Mgt	3	
ENVM 507	Technology/Mgt of Hazardous Materials	3	
ENVM 508	Ecotoxicology for the Environmental Mgr	3	
ENVM 509	GIS & Environmental Management Issues	3	
ENVM 510	Environmental Ethics and Values	3	
ENVM 511	Environmental Total Quality Management	3	
ENVM 512	Environmental Project Management	3	
ENVM 514	Wetlands	3	
ENVM 515	Endangered Species	3	
ENVM 516	Research	3	
ENVM 517	Environmental Biomonitoring	3	
ENVM 518	Environmental Litigation	3	
ENVM 519	Conservation Biology and Natural Resource Management	3	
ENVM 520	Occupational Safety and Health Law/Policy	3	
ENVM 521	Risk Analysis	3	
ENVM 522	Environmental Economics	3	
ENVM 524	Environmental Geology	3	
ENVM 525	Environmental Forestry	3	
ENVM 526	Environmental Auditing	3	
ENVM 527	Sociology of the Environment	3	
ENVM 528	Challenge to Sustainability: Conserving East Africa's Biodiversity	3	
<b>Total Required Credits</b>			<b>36</b>

### Acceptable Academic Progress (Minimum GPA)

Students in the M.S.E.M. program must maintain an overall 3.00 GPA in all graduate work. If a student earns a grade of D, F, or WF in any M.S.E.M. program course, or if his/her GPA falls below 3.00, the program director and relevant faculty must consider the student's promise and potential for successful completion of the program.

### Transfer Credit

Up to nine semester credits/hours of appropriate and approved graduate coursework completed at another institution may be substituted for program course requirements. Coursework requested to be transferred must have been completed with a grade of at least B in each course. Such coursework must be the equivalent of a full semester's work (specifically, a course taken for three quarter-hours is NOT the equivalent of a three semester credit/hour course) and be supported by official transcripts and appropriate syllabi. Acceptance of such credit is solely the authority of the program directors.

### Time Limit

All courses required for the master of science in environmental management must be completed within a period of five years from the academic session of first admission.

## Graduate Courses

### ENVIRONMENTAL MANAGEMENT

NOTE: The environmental management graduate program follows the calendar of one summer term, one (1) fall term, and one (1) spring term. Unless otherwise indicated, all environmental management (ENVM) courses are offered on rotation.

#### ENVM 501 Biological and Environmental Chemistry (3)

Application of chemical and biochemical principles to environmental problems and solutions. Course provides the nonscientist with the necessary chemical/biochemical concepts to assimilate the scientific aspects of environmental management. Required. Offered: Fall and Spring.

#### ENVM 502 Environmental Law and Regulation (3)

Overview of federal environmental laws and regulations. Salient topics include air and water quality, toxic substance regulation, and waste management. Required. Offered: Fall and Spring.

#### ENVM 503 Quantitative Methods for Environmental Decision Makers (3)

Study of quantitative/statistical methods for managers who conduct or design environmental monitoring and sampling programs, develop and interpret quantitative data, and prepare projections. Includes use of environmental examples and problems, with emphasis on real-world applications. Required. Prereq: Working knowledge of Windows environment. Offered: Fall and Spring.

#### ENVM 504 Basic Toxicology (3)

Examination of the basics of applied toxicology for the non-technician. Course covers experimental toxicology, definitions, biochemical mechanisms, and signs of exposure and insult. Includes an overview of how toxic materials enter the body, how they interact with the body, and how they are eliminated. Students learn specific toxic effects of metals, pesticides, and solvents. Required. Prereq: ENVM 501. Offered: Fall and Spring.

#### ENVM 505 Environmental Sustainability (3)

Study of the complexity of environmental management using the case method. Emphasis on the managerial skills required to administer complex environmental problems, the need for multidisciplinary analysis, and the application of problem-solving methodologies.

#### ENVM 506 Environmental Risk Assessment and Management (3)

Review of the basic principles and methods for conducting a risk assessment. Students examine both the values and limitations of risk assessment by focusing on environmental and health risks. Includes review of how risk management decisions are made in the public and private sectors and explains how to communicate to the public environmental and health risks, as well as public policy choices and tradeoffs. Prereqs: ENVM 501, 502, 504, and 505.

#### ENVM 507 Technology and Management of Hazardous Materials (3)

Review of current technology in storage, handling, and transportation of hazardous materials and wastes. Emphasis on safe, efficient, and legally sufficient management techniques. Includes: presentation of methods for identification and classification of hazardous and toxic materials, substances, and wastes; review of spills and specific procedures to prevent incidents and to protect human health and the environment; and examination of OSHA training requirements, packaging and labeling procedures, storage compatibility and capacity, transportation requirements, and legal responsibilities. Prereqs: ENVM 501, 502, and 504.

#### ENVM 508 Ecotoxicology for the Environmental Manager (3)

Introduction to the dynamics of the ecosystem and the effects of toxic substances on the living and nonliving components. Topics include the role of indicator species on ecosystem health, nature of key species in ecosystem functioning, loss of biodiversity under toxicological insult, and methods for monitoring ecosystem health and restoration. Several major case studies are examined to illustrate ecotoxicological concepts. Prereq: ENVM 504.

#### ENVM 509 Geographic Information Systems (GIS) and Environmental Management Issues (3)

Introduction to the basics of Geographic Information Systems (GIS). Overview of relevant theory, software, hardware, databases, and applications. Trends in GIS technology are examined from the managerial perspective. Examples are drawn from current environmental projects.

#### ENVM 510 Environmental Ethics and Values (3)

Examination of ethical considerations in environmental decision-making. Discussion of personal versus organizational attitudes, cultural economic and historical values, science versus politics, and international and intergenerational issues. Includes study of humankind's relationship with the environment. Students are encouraged to develop a personal philosophy relative to their role in the regulatory, technical, scientific, legal, or corporate management of the environment.

#### ENVM 511 Environmental Total Quality Management (TQM) (3)

Introduction to the concepts and techniques of Total Quality Management (TQM) from the environmental perspective. Topics include understanding the fundamentals of environmental TQM, organizing for environmental compliance using TQM techniques, applying total quality auditing techniques, and using TQM for measuring environmental success and costs. Goal communication within the organization is explored. Real-life case studies are utilized throughout the course.

#### ENVM 512 Environmental Project Management (3)

Examination of environmental project management from the governmental, industrial, and contractor perspectives. Includes review of successful project management organization, planning, and communication strategies, plus the scope and types of contractual assistance. Using real-life examples, students examine complex projects needing management. Prereqs: ENVM 501, 502, 504, and 505.

#### ENVM 514 Wetlands (3)

Introduction to the development, structure, and importance of wetlands, including the background necessary to understand the current controversies concerning wetland protection. Instructional methods include lecture, problem sheets, and field exercises. Prereqs: ENVM 501, 502, 504, and 505.

#### ENVM 515 Endangered Species (3)

Study of evolutionary mechanisms, species concepts, and taxonomic and systematic principles as applied to species-level taxon. Includes examination of how federal and state laws relating to endangered species affect decision-making of environmental managers. Prereq: ENVM 502.

#### ENVM 516 Research (3)

Students pursue a research topic of special interest under the direction of an ENVM faculty member or an outside expert jointly agreed upon by course coordinator and student. This research provides an opportunity for senior graduate students to integrate their knowledge in real-world, problem-solving situations. Prereqs: ENVM 501, 502, 504, and 505.

#### ENVM 517 Environmental Biomonitoring (3)

Review of the basics of modern environmental analysis. Topics include proper field sampling and preservation, legal aspects, traceability, and chain of custody records. Aspects of a quality assurance and quality control program are addressed, as well as fundamentals of laboratory instrumentation and air quality monitoring. Prereqs: ENVM 501 and ENVM 505.

#### ENVM 518 Environmental Litigation (3)

Study of the process of environmental litigation, focusing on the role of an environmental manager, commonly litigated issues, and alternatives to litigation. Prereq: ENVM 502.

#### ENVM 519 Conservation Biology and Natural Resource Management (3)

Study of the basic theories, models, and techniques of the science of conservation biology and their utilization in the conservation and management of natural resources. Prereqs: ENVM 502 and ENVM 505.

### ENVM 520 Occupational Safety and Health Law and Policy (3)

Examination of the relationship between federal occupational safety and health statutes to the work environment. Particular emphasis placed on the rights, duties, and responsibilities under the Occupational Safety and Health Act of 1970. Prereqs: ENVM 502 and ENVM 504.

### ENVM 521 Risk Analysis (3)

Exploration of the risk analysis framework, focusing on its interplay between science and politics as an approach to managing health and environmental hazards. "Risk Analysis" is defined broadly to encompass the interrelated tasks of risk assessment, risk evaluation, risk management, and risk communication. Students are exposed to a synoptic perspective on how environmental problems, goals, and policies are actually shaped in the complex world of competing interests, conflicting ideologies, and incomplete understanding. Prereq: ENVM 506 or permission of the instructor.

### ENVM 522 Environmental Economics (3)

Policy orientation to environmental issues, focusing on the economic theory which drives the policy. Emphasis on the strong international thrust which integrates economic development with environmental policy. Prereqs: ENVM 502, 504, 505, and 507.

### ENVM 524 Environmental Geology (3)

Application of geological and hydrogeological principles to environmental management issues including groundwater and soil assessment, site remediation, and risk assessment. Includes introductory geology and hydrogeology background necessary to understand environmental geology as related to environmental management, environmental policy, and applicable environmental regulations. Applications of groundwater modeling, aquifer testing techniques, map reading, groundwater regulations, and the application of geology to current soil and groundwater remediation technology, landfill siting, and wellhead protection are introduced. Prereq: ENVM 501.

### ENVM 525 Environmental Forestry (3)

Review of the principles of forest ecology and management and the subsequent environmental concerns that occur with various practices. Includes: examination of the historical developments of American forests and comparison of past conditions with current health; study of abiotic and biotic components of forest habitats, including forest soils, productivity, climatic factors, and biological diversity; and discussion of principles of silviculture, including forest regeneration, intensive forest management and best management practices for the control of nonpoint pollution. Students gain a basic understanding of management principles enabling them to balance both economic and environmental forest concerns.

### ENVM 526 Environmental Auditing (3)

Study of the fundamentals of environmental auditing. Topics include: elements of the audit process, property transfer audits, waste contractor audits, waste minimization audits, international audits, and managing and critiquing an audit program. Students are required to perform practical exercises individually or in small groups.

### ENVM 527 Sociology of the Environment (3)

Introduction to the idea that humans not only react to the environment but also shape it, based on the assumption that human capacity to act on the environment is more complex than that for any other living species. Focus on the capacity of humans to define the environment as something to be manipulated, guided by the constructed aims of human groups. Central concepts include human beliefs, values and institutions, social inequality in power and influence, demographic shifts and technology, political/economic organization, and globalization as an historical process in human organization.

### ENVM 528 Challenge to Sustainability: Conserving East Africa's Biodiversity (3)

Exploration of local, national, and international efforts to manage and conserve East Africa's biodiversity. Topics include the biogeography of East Africa, its people, history, current conservation issues and the role of sustainable development in the conservation of natural resources. Includes a 15-day safari to East African countries with visits and fieldwork at selected game reserves, discovery centers, and national parks. Co-listed as BIOL 402. Offered: Summer.

# Chemistry and Biochemistry

## Faculty

Morgan S. Ponder, Chair, Professor  
 Brian W. Gregory, Professor  
 David C. Garza, Associate Professor  
 Robert P. Cameron, Assistant Professor  
 Denise J. Gregory, Assistant Professor  
 Andrew J. Lampkins, Assistant Professor

## Undergraduate Programs and Requirements

### Majors

Biochemistry  
 Chemistry

### Minor

Chemistry

The Department of Chemistry and Biochemistry offers majors in chemistry and in biochemistry leading to a bachelor of science degree. A student who is majoring in chemistry or biochemistry is not required to earn a minor in another area. The department also offers a minor in chemistry.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. Chemistry and biochemistry majors must take MATH 240 (Calculus I) to satisfy the general education mathematics requirement, and PHYS 203 and PHYS 204 (Physics I and II, respectively) to satisfy the general education natural and computational sciences requirement.

## Courses

### IDSC 201 Scientific Methods (4)

Scientific approach to understanding the physical universe through an investigation of representative topics in physics, chemistry, and biology, paying particular attention to the sources of scientific information both for scientists and society. Interdisciplinary course taught by faculty in biology, chemistry, and physics. Meets general education requirement for natural and computational sciences. LEC 4. Prereq: Grade of C- or better in UCCA 102.

### CHEM 108 General, Organic, and Biological Chemistry (3)

Study of the chemistry needed to understand human physiology. When taken with CHEM 109, this course meets the chemistry requirement for nursing students and a general education requirement for natural and computational sciences for most other majors. Students who have a C- or better in CHEM 205 may not take CHEM 108 for credit. LEC 3. Co-req: CHEM 109. Offered: Fall, Jan Term, and Spring.

### CHEM 109 General, Organic, and Biological Chemistry Laboratory (1)

Laboratory to accompany CHEM 108. LAB 3. Co-req: CHEM 108. Offered: Fall, Jan Term, and Spring.

### CHEM 205 Foundations of Chemistry (4)

Survey of chemical principles. Includes types of chemical reactions, stoichiometry, gases, thermodynamics, atomic and molecular structure, solutions, kinetics, and basic equilibrium. When taken with CHEM 206, meets a general education requirement for natural and computational sciences. LEC 4. Co-req: CHEM 206 and MATH 150, or score on placement exam sufficient to qualify for MATH 240. Offered: Fall, Spring, and Summer 1.

### CHEM 206 Foundations of Chemistry Laboratory (1)

Laboratory to accompany CHEM 205. LAB 3. Co-req: CHEM 205. Offered: Fall, Spring, and Summer 1.

### CHEM 215 Fundamentals of Organic Chemistry (3)

Survey of structures and reactions of the principal classes of carbon compounds. LEC 3. Co-req: CHEM 216. Prereq: Grade of C- or better in CHEM 205. Offered: Fall, Spring, and Summer 1.



## Chemistry Major

The program outlined below will provide a student with a broad background in the chemical sciences. A student completing this program would be equipped for an entry-level position within the chemical industry. A student completing this program would also be well prepared to pursue graduate work in chemistry or a chemistry-related field. This program would also provide an excellent preparation for medical school, dental school, pharmacy, and other health-related professional programs.

Chemistry Major Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements:</b>			<b>32-44</b>
<b>Natural and Computational Sciences</b>			<b>10</b>
PHYS 203	Physics I	5	
PHYS 204	Physics II	5	
<b>Social Sciences</b>			<b>4</b>
<b>Mathematics</b>			<b>4</b>
MATH 240	Calculus I	4	
<b>World Languages</b>			<b>4-16</b>
<b>Fine Arts</b>			<b>4</b>
<b>Humanities</b>			<b>4</b>
<b>Physical Activity</b>			<b>2</b>
<b>Chemistry Major:</b>			<b>40</b>
<b>Chemistry</b>			<b>36</b>
CHEM 205	Foundations of Chemistry	4	
CHEM 206	Foundations of Chemistry Laboratory	1	
CHEM 215	Fundamentals of Organic Chemistry	3	
CHEM 216	Fundamentals of Organic Chemistry Lab	1	
CHEM 315	Organic Reactions & Mechanisms	3	
CHEM 316	Organic Reactions & Mechanisms Lab	1	
CHEM 325	Quantitative Analysis	3	
CHEM 326	Quantitative Analysis Laboratory	1	
CHEM 350	Biochemistry	3	
CHEM 355	Inorganic Chemistry	3	
CHEM 365	Physical Chemistry	3	
CHEM 370	Unified Laboratory I	2	
CHEM 375	Unified Laboratory II	2	
CHEM 425	Spectroscopy	3	
CHEM 460	Senior Seminar	3	
<b>Mathematics</b>			<b>4</b>
MATH 260	Calculus II	4	
<b>General Electives</b>			<b>22-34</b>
<b>Total Required Credits</b>			<b>128</b>

### CHEM 216 Fundamentals of Organic Chemistry Laboratory (1)

Laboratory to accompany CHEM 215. LAB 3. Co-req: CHEM 215. Offered: Fall, Spring, and Summer 1.

### CHEM 315 Organic Reactions and Mechanisms (3)

Amplification of CHEM 215, with an emphasis on reaction mechanisms. LEC 3. Co-req: CHEM 316. Prereq: Grade of C- or higher in CHEM 215. Offered: Fall, Spring, and Summer 2.

### CHEM 316 Organic Reactions and Mechanisms Laboratory (1)

Laboratory to accompany CHEM 315. LAB 3. Co-req: CHEM 315. Offered: Fall, Spring, and Summer 2.

### CHEM 325 Quantitative Analysis (3)

Study of quantitative analytical techniques for separating, identifying, and quantifying chemical compounds. Includes statistical analysis and gravimetric, titrimetric, electrochemical, and spectrochemical methods. Emphasis is given to the physical and chemical principles upon which different analytical techniques are based. LEC 3. Co-req: CHEM 326. Prereq: Grade of C- or better in CHEM 205. Offered: Fall, Spring, and Summer 2.

### CHEM 326 Quantitative Analysis Laboratory (1)

Laboratory to accompany CHEM 325. LAB 3. Co-req: CHEM 325. Offered: Fall, Spring, and Summer 2.

## Biochemistry Major

The program outlined below will provide a student with a broad background in biochemistry. A student completing this program would be equipped for an entry-level position within the biotechnology industry. A student completing this program would also be well prepared to pursue graduate work in biochemistry or a related field. This program would also provide an excellent preparation for medical school, dental school, pharmacy, and other health-related professional programs.

Biochemistry Major Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements:</b>			<b>32-44</b>
<b>Natural and Computational Sciences</b>			<b>10</b>
PHYS 203	Physics I	5	
PHYS 204	Physics II	5	
<b>Social Sciences</b>			<b>4</b>
<b>Mathematics</b>			<b>4</b>
MATH 240	Calculus I	4	
<b>World Languages</b>			<b>4-16</b>
<b>Fine Arts</b>			<b>4</b>
<b>Humanities</b>			<b>4</b>
<b>Physical Activity</b>			<b>2</b>
<b>Biochemistry Major:</b>			<b>51</b>
<b>Biology</b>			<b>16</b>
BIOL 203	Foundations of Biology I	4	
BIOL 204	Foundations of Biology II	4	
BIOL 333	Genetics	4	
BIOL 405	Cell and Molecular Biology	4	
<b>Chemistry</b>			<b>31</b>
CHEM 205	Foundations of Chemistry	4	
CHEM 206	Foundations of Chemistry Laboratory	1	
CHEM 215	Fundamentals of Organic Chemistry	3	
CHEM 216	Fundamentals of Organic Chemistry Lab	1	
CHEM 315	Organic Reactions & Mechanisms	3	
CHEM 316	Organic Reactions & Mechanisms Lab	1	
CHEM 325	Quantitative Analysis	3	
CHEM 326	Quantitative Analysis Laboratory	1	
CHEM 350	Biochemistry	3	
CHEM 365	Physical Chemistry	3	
CHEM 370	Unified Laboratory I	2	
CHEM 430	Advanced Biochemistry	3	
CHEM 460	Senior Seminar	3	
<b>Mathematics</b>			<b>4</b>
MATH 260	Calculus II	4	
<b>General Electives</b>			<b>11-23</b>
<b>Total Required Credits</b>			<b>128</b>

## Chemistry Minor

Chemistry Minor Required Courses		Course Credits	Total Required Credits
<b>Chemistry Core</b>			<b>17</b>
CHEM 205	Foundations of Chemistry	4	
CHEM 206	Foundations of Chemistry Laboratory	1	
CHEM 215	Fundamentals of Organic Chemistry	3	
CHEM 216	Fundamentals of Organic Chemistry Lab	1	
CHEM 315	Organic Reactions & Mechanisms	3	
CHEM 316	Organic Reactions & Mechanisms Lab	1	
CHEM 325	Quantitative Analysis	3	
CHEM 326	Quantitative Analysis Laboratory	1	
<b>Chemistry Electives (choose two)</b>			<b>6</b>
CHEM 350	Biochemistry	3	
CHEM 355	Inorganic Chemistry	3	
CHEM 365	Physical Chemistry	3	
<b>Total Required Credits</b>			<b>23</b>

**CHEM 345 Nutritional Biochemistry (3)**

Survey of the chemistry of biological systems, with emphasis on applications to allied health fields. LEC 3. Prereq: Grade of C- or better in CHEM 215. Offered: Fall.

**CHEM 350 Biochemistry (3)**

Survey of the chemistry of biological systems. LEC 3. Prereq: Grade of C- or better in CHEM 315. Offered: Spring.

**CHEM 355 Inorganic Chemistry (3)**

Study of the chemistry of inorganic compounds, reactions and mechanisms, including coordination compounds and organometallic compounds. LEC 3. Prereq: Grade of C- or better in CHEM 315 and CHEM 325. Offered: Fall.

**CHEM 361 Hospital Internship (4)**

Supervised internship in a hospital setting, with exposure to various aspects of hospital operations. Grading is pass/fail only. Co-listed as BIOL 361. Offered: Jan Term only, with schedule arranged on an individual basis.

**CHEM 365 Physical Chemistry (3)**

Survey of the theoretical bases on which chemistry rests, including kinetic-molecular theory, thermodynamics, kinetics, and quantum theory. LEC 3. Prereq: Grade of C- or better in CHEM 215, MATH 260, and PHYS 204, or permission of instructor. Offered: Fall.

**CHEM 370 Unified Laboratory I (2)**

First course in the unified laboratory sequence. The unified labs combine elements from traditional upper-level inorganic, physical, instrumental, and biochemistry laboratories. Unified Lab I will explore buffers, thermodynamics of biomolecules, kinetics of inorganic and biological systems, catalysis, stereochemistry, and gas chromatography/mass spectrometry. LAB 6. Prereq: Grade of C- or better in CHEM 325. Offered: Fall.

**CHEM 375 Unified Laboratory II (2)**

Second course in the unified laboratory sequence. The unified labs combine elements from traditional upper-level inorganic, physical, instrumental, and biochemistry laboratories. Unified Lab II will focus on purification in biological systems, electrochemical synthesis, organometallic chemistry, spectroscopic analysis, and coulometry. LAB 6. Prereq: Grade of C- or better in CHEM 370. Offered: Spring.

**CHEM 425 Spectroscopy (3)**

Study of the theoretical and practical bases of modern spectroscopic techniques, including atomic, vibrational, rotational, magnetic, electronic, and laser spectroscopy. Electroanalytical techniques will also be included. LEC 3. Prereq: Grade of C- or better in CHEM 355 and CHEM 365. Offered: Spring.

**CHEM 430 Advanced Biochemistry (3)**

Amplification of concepts in CHEM 350. LEC 3. Prereq: Grade of C- or better in CHEM 350. Offered: Spring.

**CHEM 440 Research/Internship (1, 2, 3, or 4)**

Research project or internship under supervision of a faculty member, with results presented in an acceptable paper. Course may be taken more than once for credit, but total credits may not exceed eight. Prereq: Permission of instructor. Offered: Every semester, with schedule arranged on an individual basis.

**CHEM 460 Senior Seminar (3)**

Capstone course. Includes research project selected by the student. LEC 3. Prereq: Senior standing. Offered: Spring.

# Classics

## Faculty

Stephen R. Todd, Chair, Professor  
Douglas C. Clapp, Associate Professor  
Shannon R. Flynt, Assistant Professor  
P. Andrew Montgomery, Assistant Professor

## Undergraduate Programs and Requirements

### Majors

Classics  
Greek  
Latin

### Minors

Classics  
Greek  
Latin

The Department of Classics offers majors in classics, Greek, and Latin leading to a bachelor of arts degree. These majors provide students with the opportunity to pursue a course of study that covers a variety of Greek and Latin prose and poetry in the original languages, as well as the history and culture of the classical world and its importance for the 21st century. While the Greek major and the Latin major allow students to concentrate their undergraduate program around the mastery of a single language, the classics major encourages training in both Greek and Latin. Each of these majors would be an appropriate program of study to prepare a student for graduate study in classics or ancient history, but they are also designed for students pursuing a broad program of study as a background for graduate programs in the humanities and professional programs in fields such as medicine, dentistry, theology, and law. Likewise, a minor in classics, Greek, or Latin can strengthen the majors and degrees throughout the College of Arts and Sciences and the University by supporting and complementing the many disciplines that draw on the classics.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses.

## Courses

### CLASSICS

**CLAS 200 The Rediscovery of the Classical World (4)**

Exploration of the world of the Ancient Greeks and Romans. This course examines multiple aspects of Classical Antiquity through the eyes of those who rediscovered it in literary texts, in works of art and architecture, and in its material remains. It provides a broad and well-illustrated introduction to the history, literature, religion, and art and architecture of the Greeks and Romans. Offered: Spring.

**CLAS 204 The Artistic Legacy of Rome (2)**

Introduction to our artistic inheritance from the Roman world through a firsthand examination of the painting, sculpture, and architecture of Rome, including its Greek and Etruscan antecedents, and the Renaissance transformation of the Classical ideal. Offered: Jan Term-Study Abroad, on rotation.

**CLAS 303 Greece: The Crucible of Civilization (4)**

Examination of the history and culture of the Ancient Greeks through a firsthand look at the material remains, including monuments and artifacts from the Bronze Age, the Archaic and Classical periods, and the Hellenistic, Roman, and Christian eras. Offered: Jan Term-Study Abroad, on rotation.

**CLAS 304 Eternal Rome (4)**

Examination of the history and culture of Rome through a firsthand look at its material remains, including its Greek and Etruscan antecedents, the Republican and Imperial periods, and the Renaissance transformation of the Classical ideal. Offered: Jan Term-Study Abroad, on rotation.

**Classics Major**

<b>Classics Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Classics Major:</b>		<b>36</b>
<b>Classical Languages</b>		<b>12</b>
(select three courses; one at 300 or 400 level)		
GREK 201-454	4-12	
LATN 201-454	4-12	
<b>Classical History</b>		<b>8</b>
HIST 421 Ancient Near East and Greece	4	
HIST 422 The Roman Republic and Empire	4	
<b>Classical Civilization</b>		<b>8</b>
CLAS 200 Rediscovery of the Classical World	4	
CLAS 495 Senior Capstone: Research & Writing	4	
<b>Classical Electives (select two courses)</b>		<b>8</b>
ART 381 History and Theory of Art I	4	
CLAS 303 Greece: The Crucible of Civilization	4	
CLAS 304 Eternal Rome	4	
CLAS 345 Varieties of Ancient Paganism from Alexander to Julian	4	
GREK 201-454	4-8	
LATN 201-454	4-8	
PHIL 301 History of Philosophy: Ancient & Medieval	4	
<b>General Electives</b>		<b>28-40</b>
<b>Total Required Credits</b>		<b>128</b>

**Greek Major**

<b>Greek Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Greek Major:</b>		<b>32</b>
<b>Greek (six courses at 200, 300 or 400 level)</b>		<b>24</b>
<b>History and Classics</b>		<b>8</b>
HIST 421 Ancient Near East and Greece	4	
CLAS 495 Senior Capstone: Research & Writing	4	
<b>General Electives</b>		<b>32-44</b>
<b>Total Required Credits</b>		<b>128</b>

**Latin Major**

<b>Latin Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Latin Major:</b>		<b>32</b>
<b>Latin (six courses at 200, 300 or 400 level)</b>		<b>24</b>
<b>History and Classics</b>		<b>8</b>
HIST 422 The Roman Republic and Empire	4	
CLAS 495 Senior Capstone: Research & Writing	4	
<b>General Electives</b>		<b>32-44</b>
<b>Total Required Credits</b>		<b>128</b>

**Classics Minor**

<b>Classics Minor Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Classical Languages (select one course)</b>		<b>4</b>
GREK 300-454	4	
LATN 300-454	4	
<b>Classical Electives (select four courses)</b>		<b>16</b>
ART 381 History and Theory of Art I	4	
CLAS 200 Rediscovery of the Classical World	4	
CLAS 303 Greece: The Crucible of Civilization	4	
CLAS 304 Eternal Rome	4	
CLAS 345 Varieties of Ancient Paganism from Alexander to Julian	4	
GREK 201-454	4-16	
LATN 201-454	4-16	
HIST 421 Ancient Near East and Greece	4	
HIST 422 The Roman Republic and Empire	4	
PHIL 301 History of Philosophy: Ancient & Medieval	4	
<b>Total Required Credits</b>		<b>20</b>

**Greek Minor**

<b>Greek Minor Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Classical Languages (select two courses)</b>		<b>8</b>
GREK 300-454	8	
<b>Classical Electives (select three courses)</b>		<b>12</b>
ART 381 History and Theory of Art I	4	
CLAS 200 Rediscovery of the Classical World	4	
CLAS 303 Greece: The Crucible of Civilization	4	
CLAS 345 Varieties of Ancient Paganism from Alexander to Julian	4	
GREK 201-454	4-12	
LATN 201-454	4-12	
HIST 421 Ancient Near East and Greece	4	
PHIL 301 History of Philosophy: Ancient & Medieval	4	
<b>Total Required Credits</b>		<b>20</b>

**Latin Minor**

<b>Latin Minor Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Classical Languages (select two courses)</b>		<b>8</b>
LATN 300-454	8	
<b>Classical Electives (select three courses)</b>		<b>12</b>
ART 381 History and Theory of Art I	4	
CLAS 200 Rediscovery of the Classical World	4	
CLAS 304 Eternal Rome	4	
CLAS 345 Varieties of Ancient Paganism from Alexander to Julian	4	
GREK 201-454	4-12	
LATN 201-454	4-12	
HIST 422 The Roman Republic and Empire	4	
PHIL 301 History of Philosophy: Ancient & Medieval	4	
<b>Total Required Credits</b>		<b>20</b>

**CLAS 345 Varieties of Ancient Paganism from Alexander to Julian (4)**

Introduction to the major pagan religions of the Greco-Roman period, from the conquests of Alexander the Great (332 BCE) to the death of Julian the Apostate (363 CE). Some attention is paid to the pagan influences on emerging Judaism and Christianity. Co-listed as RELG 345. Offered: Spring, on rotation.

**CLAS 495 Senior Capstone: Research and Writing (4)**

Seminar exploring selected topics in classical antiquity. Includes a directed research project involving a research component, a writing component, and a public, oral presentation. For seniors, but juniors can take with permission. Prereq: 300-level Greek or Latin or permission. Offered: Fall.

**GREEK**

**GREK 101 and 102 Elementary Greek I and II (4 each course)**

Introduction to Greek language and culture, aimed at developing the ability to read, understand, and interpret ancient Greek. Covers basic vocabulary and grammar of Classical Greek and provides foundation for the study of all ancient Greek literature, including the Greek New Testament. Offered: Fall (101); Spring (102).

**GREK 201 and 202 Intermediate Greek I and II (4 each course)**

Thematic reading in Greek texts with an emphasis on reading comprehension, a systematic review of grammar, and an introduction to tools for philological research. Prereqs: GREK 101 and 102, or permission. Offered: Fall (201); Spring (202).

**GREK 301 Homer (4)**

Introduction to the language and background of Greek epic, through selected readings from the Iliad and Odyssey, the earliest extant literature of the Western world. Through the careful study of these texts students further develop their ability to read, understand, and interpret ancient Greek. Prereq: GREK 202. Offered: Fall.

**GREK 302 Greek Historians (4)**

Selected readings from Herodotus and Thucydides. Through the careful study of these texts students further develop their ability to read, understand, and interpret ancient Greek. Includes survey of the development of Greek historiography. Prereq: GREK 202.

**GREK 303 Greek Tragedy (4)**

Selected readings from the plays of Sophocles and Euripides. Through the careful study of these texts students further develop their ability to read, understand, and interpret ancient Greek. Includes survey of the development of Greek drama. Prereq: GREK 202.

**GREK 351 Hellenistic Greek (4)**

Selected readings in Greek from the Hellenistic time period. Through the careful study of these texts students further develop their ability to read, understand, and interpret ancient Greek. Includes survey of the background and development of Hellenistic world. Prereq: GREK 202.

**GREK 401 Greek Lyric Poetry (4)**

Selected readings from the corpus of Greek Lyric Poetry. Through the careful study of these passages students further develop their ability to read, understand, and interpret ancient Greek. Includes survey of the background, development, and significance of the canon of Greek Lyric Poetry. Prereq: GREK 301 or GREK 303.

**GREK 450 Advanced New Testament Greek (4)**

Selected readings from the New Testament. Through the careful study of these passages students further develop their ability to read, understand, and interpret ancient Greek. Includes introduction to the study and practice of textual criticism.

**GREK 451, 452, 453, & 454 Directed Reading (1, 2, 3, & 4, respectively)**

Directed reading in selected Ancient Greek texts. Topics vary. May be repeated for credit. Prereq: Permission of the department chair.

**LATIN**

**LATN 101 and 102 Elementary Latin I and II (4 each course)**

Introduction to the Latin language and culture, aimed at developing the ability to understand Latin through speaking, listening, reading, and writing. Offered: Fall (101) and Spring (102).

**LATN 201 and 202 Intermediate Latin I and II (4 each course)**

Thematic reading in Latin texts with an emphasis on reading comprehension, a systematic review of grammar, and an introduction to tools for philological research. Prereqs: LATN 101 and 102, placement, or permission. Offered: Fall (201) and Spring (202).

**LATN 301 Ovid (4)**

Selected readings from the works of Ovid. Through the careful study of these texts students further develop their ability to read, understand, and interpret Latin.

**LATN 302 Horace (4)**

Selected readings from the works of Horace. Through the careful study of these texts students further develop their ability to read, understand, and interpret Latin. Includes survey of the development of Roman Lyric Poetry.

**LATN 303 Cicero (4)**

Selected readings from the works of Cicero. Through the careful study of these texts students further develop their ability to read, understand, and interpret Latin.

**LATN 304 Vergil (4)**

Selected readings from the works of Vergil. Through the careful study of these texts students further develop their ability to read, understand, and interpret Latin. Includes survey of the development of Latin epic literature.

**LATN 451, 452, 453, & 454 Directed Reading (1, 2, 3, & 4, respectively)**

Directed reading in selected Latin texts. Topics vary. May be repeated for credit. Prereq: Permission of the department chair.

# Communication Studies

## Faculty

Rhonda G. Parker, Chair, Professor  
 David R. Dedo, Associate Professor  
 Michael J. Janas, Associate Professor  
 Charlotte D. Brammer, Assistant Professor  
 Ryan W. Galloway, Assistant Professor and Director of Debate  
 Abigail S. Williams, Instructor and Debate Coach

## Undergraduate Programs and Requirements

<b>Major</b>	<b>Minors</b>
Communication Studies	Communication Studies Writing

The Department of Communication Studies offers a bachelor of arts in communication studies. This comprehensive program offers courses in persuasion, rhetorical theory and criticism, argumentation, and public speaking that provide strategies for generating and delivering effective messages. In interpersonal, group, and organizational communication courses, students discover their communicative strengths and identify and address areas where improvement is needed. Students can tailor portions of the major to meet their special needs by choosing from a menu of communication electives in the junior and senior year. Students interested in majoring in language arts in preparation for teaching speech at the secondary school level should consult the Department of Teacher Education, School of Education section in this catalog for the curriculum.

The department also offers two minors: one in communication studies and one in writing. The communication studies minor consists of 20 credits and must include three upper-level courses. In the writing minor, students take 20 credits: two required 300-level courses and three upper-level electives.

Any communication studies major who wishes to minor in writing must meet all major requirements and take COMS 361 (Grammar for Writers), and four upper-level electives designated in the minor. In keeping with University policy, no course may be used for both the major and minor.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. Communication studies majors must complete COMS 205 (Intercultural Communication) for their major and cannot use it to also satisfy the general education social science requirement for their degree.

### Communication Studies Minor

Communication Studies Minor Required Courses	Course Credits	Total Required Credits
<b>Communication Studies Core</b>		<b>8</b>
COMS 215 Public Speaking	4	
COMS 221 Interpersonal Communication	4	
<b>Communication Studies Electives</b> Must be in upper-level courses.		<b>12</b>
<b>Total Required Credits</b>		<b>20</b>

## Communication Studies Major

The bachelor of arts in communication studies is designed to teach students about human communication in its varied contexts and modes of expression. The goal of our program is to teach students to write, speak, listen, and think critically; adapt to a wide range of audiences and cultures; successfully manage personal relationships; work effectively in groups and organizations; and conduct independent research.

Communication Studies Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Communication Studies Major:</b>		<b>40</b>
<b>Communication Studies Core</b>		<b>28</b>
COMS 200 Introduction to Communication Studies	4	
COMS 205 Intercultural Communication	4	
COMS 215 Public Speaking	4	
COMS 221 Interpersonal Communication	4	
COMS 311 Rhetorical Criticism	4	
COMS 321 Research Methods in Communication	4	
COMS 491 Communication Workshop	2	
COMS 492 Senior E-Folio	2	
<b>Communication Studies Electives (select three courses)</b>		<b>12</b>
COMS 305 Experiencing Cultural Differences	4	
COMS 320 Legal Communication	4	
COMS 325 Small Group Communication	4	
COMS 354 Creative Nonfiction	4	
COMS 361 Grammar for Writers	4	
COMS 411 Media Criticism	4	
COMS 415 Persuasion	4	
COMS 417 Political Communication	4	
COMS 421 Communication in Close Relationships	4	
COMS 424 Communication Internship*	4	
COMS 451 Organizational Communication	4	
COMS 453 Professional Communication	4	
COMS 455 Computer-Mediated Communication	4	
COMS 456 Directed Studies	4	
COMS 460 Language in Society	4	
<b>General Electives</b>		<b>24-36</b>
<b>Total Required Credits</b>		<b>128</b>

\*With advisor's approval only.

### Writing Minor

The writing minor allows students to study writing as a discipline, a means of self-expression, and an academic and professional tool. Students in the minor will understand the value of writing as a way of learning, develop effective composing strategies, and demonstrate expertise in written discourse for both traditional and electronic formats.

Writing Minor Required Courses	Course Credits	Total Required Credits
<b>Writing Core</b>		<b>8</b>
COMS 311 Rhetorical Criticism	4	
COMS 361 Grammar for Writers	4	
<b>Writing Electives (select three courses)</b>		<b>12</b>
COMS 320 Legal Communication	4	
COMS 354 Creative Nonfiction	4	
COMS 417 Political Communication	4	
COMS 424 Communication Internship	4	
COMS 451 Organizational Communication	4	
COMS 453 Professional Communication	4	
COMS 455 Computer-Mediated Communication	4	
COMS 456 Directed Studies	4	
COMS 460 Language in Society	4	
ENGL 311 Creative Writing: Short Fiction	4	
ENGL 312 Creative Writing: Poetry	4	
<b>Total Required Credits</b>		<b>20</b>

## Courses

### COMS 200 Introduction to Communication Studies (4)

Overview of elements of the communication discipline, focusing on major theories, models, and skills that form the foundation for communication studies. Emphasis on theory, research, and development of competency in interpersonal, group, and public communication contexts. Offered: Fall.

### COMS 205 Intercultural Communication (4)

Study of intercultural communication, focusing on the concepts and applications of its central theories. Students analyze various uses of communication within cultures, especially within U.S. and Latin American cultures, as a way of developing practical knowledge and skill in communicating across cultures. Required for all communication studies majors. Offered: Fall.

### COMS 215 Public Speaking (4)

Study of techniques of giving speeches to inform, convince, and persuade. Includes speech composition, delivery, and audience analysis. Offered: Fall and Spring.

### COMS 221 Interpersonal Communication (4)

Examination of interpersonal communication in human relationships and development of skills through projects, experiments, readings, and participation. A valuable course in terms of learning to understand and be understood by others. Offered: Every semester.

### COMS 305 Experiencing Cultural Differences (4)

In-depth study of intercultural communication that builds on COMS 205. The course focuses on communication within particular cultures, with a special unit on Latin America. Students construct a comprehensive worldview of intercultural communication principles. Prereq: COMS 205 or equivalent, or permission of the instructor. Offered: Spring.

### COMS 311 Rhetorical Criticism (4)

Examination of the tradition of rhetorical criticism from the Greeks to the present. As part of the historical and philosophical study, students are encouraged to familiarize themselves with a variety of critical perspectives for studying public discourse. Offered: Fall.

### COMS 320 Legal Communication (4)

Examines legal communication issues including discovery, trial, and appellate procedures. Students also practice basic legal argumentation and debate. Offered: Fall.

### COMS 321 Research Methods in Communication (4)

Analysis and research in the communication discipline. Emphasis placed on empirical, scientific methods of investigation in the field of communication. Students are required to apply knowledge by conducting an original research project. Prereq: COMS 200. Offered: Spring.

### COMS 325 Small Group Communication (4)

Examination of perspectives that define the communication discipline's study of small-group communication. Once exposed to the theoretical material, students are encouraged to use the theoretical concepts and principles to resolve problems that may arise in group settings. Offered: Fall.

### COMS 354 Creative Nonfiction (4)

Development of advanced writing techniques, including an understanding of form, genre, and rhetorical purpose (e.g., the personal essay, nature writing, religious/inspirational writing, proposal). Offered: Spring.

### COMS 361 Grammar for Writers (4)

Examination of how grammar can enhance written communication. Students will analyze how grammar is used as a rhetorical tool and will demonstrate effective control of written grammar through exercises and writing practice. Offered: Fall.

### COMS 410 Intercollegiate Debate (1)

Study of intercollegiate debate theories, procedures, and teaching. Designed for students participating in the Samford University Debate team. Offered: Every semester.

### COMS 411 Media Criticism (4)

Focuses on appreciating and criticizing contemporary media practices as a function of maintaining a democratic society. Using rhetorical methods, examines influence of mediate communication upon social, political, and cultural practices. Prereqs: COMS 215 and COMS 311. Offered: Fall, on rotation.

### COMS 415 Persuasion (4)

Analysis of various theories of persuasion as decision-making tools in a democratic society with emphasis on factors such as attention, perception, needs, values, credibility, winning belief, and ethics. Prereq: COMS 215 or equivalent, or permission of the instructor. Offered: Spring.

### COMS 417 Political Communication (4)

Focuses on the relationship between media and politics by examining presidential speeches, social movements, and efforts to shape public opinion in the modern era. Co-listed as POLS 417. Offered: Spring.

### COMS 421 Communication in Close Relationships (4)

Focuses on communication issues that are central to understanding close relationships between friends, family, and romantic partners. Examines how such relationships are developed and maintained by reviewing interpersonal theory and research. Prereq: COMS 221 or equivalent, or permission of the instructor. Offered: Spring, on rotation.

### COMS 424 Communication Internship (4)

Independent study in which students gain practical experience while working in a business, industry, or not-for-profit venue. Includes opportunities in advertising, public relations, journalism, radio, television, museums, and religious or philanthropic organizations. Prereq: Declared major or minor in communication studies; must meet eligibility requirements. Offered: Every semester.

### COMS 451 Organizational Communication (4)

Exploration of how communication affects various stakeholders within organizations. After identifying key concepts in organizational theory, students are expected to analyze and evaluate organizational communication through case studies. Prereq: UCCA 102, junior standing. Offered: Spring, on rotation.

### COMS 453 Professional Communication (4)

Study of communication strategies as practiced in various professional communities. Applications are made to a number of written and oral communication contexts, including business and management. Offered: Fall, on rotation.

### COMS 455 Computer-Mediated Communication (4)

Advanced study of theory and practice of both print and screen literacies. Students will demonstrate an understanding of computer-mediated communication through examinations as well as a digital portfolio. Offered: Spring, on rotation.

### COMS 456 Directed Studies (1-4)

Guided examination of a specialized topic leading to a major paper, oral presentation, and/or other assignment. Prereq: Permission of the instructor. Offered: Every semester.

### COMS 460 Language in Society (4)

Study of socio- and psycho-linguistic principles and issues in contemporary society. Topics may include language and gender, language in the media, power and politics in language, linguistic variety in North America, and others. Prereqs: UCCA 102, Junior standing. Offered: Spring, on rotation.

### COMS 491 Communication Workshop (2)

Integration of knowledge and experience gleaned from lower-level communication studies courses in a capstone experience resulting in an applied communication project. Prereqs: COMS 311, COMS 321, and senior standing. Offered: Fall.

### COMS 492 Senior E-Folio (2)

Reflection and synthesis of knowledge and experience gleaned from the communication studies curriculum leading to the creation of an electronic portfolio in which students demonstrate proficiency in oral communication, written communication, information literacy, and quantitative literacy. Prereqs: COMS 311, COMS 321, and senior standing. Offered: Spring.

# English

## Faculty

J. Mark Baggett, Chair, Associate Professor  
 David W. Chapman, Professor  
 J. Roderick Davis, Professor  
 Rosemary M. Fisk, Professor  
 Christopher Metress, Professor  
 Nancy M. Whitt, Professor  
 Steven Epley, Associate Professor  
 N. Jane Hiles, Associate Professor  
 Bryan M. Johnson, Associate Professor  
 Julie Sims Steward, Associate Professor  
 Geoffrey Wright, Assistant Professor

## Undergraduate Programs and Requirements

<b>Majors</b>	<b>Minor</b>
English	English
English with a Concentration in Film Studies	

The Department of English offers a major in English and a major in English with a concentration in film studies, both leading to a bachelor of arts degree. The department also offers a minor in English.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. English majors and minors cannot use ENGL 205 (Fiction and Film) to meet the general education humanities requirement.

## Courses

### ENGLISH

#### ENGL 200 Literary London (4)

Exploration of classic British literature in conversation with later re-tellings, and their translations into theatre and film, using contextual perspectives. Limited to students enrolled in Jan Term at Samford's Daniel House London Study Centre. Offered: Jan Term.

#### ENGL 205 Fiction and Film (4)

Study of the formal analysis of literary texts and films. Course includes close readings of literature and film in contexts (i.e., cultural, historical, biographical, economic, political) that inform and are shaped by them. Offered: Fall and Spring

#### ENGL 210 American Literature (4)

Introduction to the principles and practices of literary interpretation, research methodology, and other skills and terminology essential to the discipline through a chronological study of American literature. Offered: Spring.

#### ENGL 301 British Literature to 1798 (4)

Chronological study of British literature from Beowulf to the end of the eighteenth century, using the principles and practices of literary interpretation, research methodology, and other skills and terminology essential to the discipline. Offered: Fall.

#### ENGL 302 British Literature since 1798 (4)

Chronological study of British literature from the Romantic period to the present day, using the principles and practices of literary interpretation, research methodology, and other skills and terminology essential to the discipline. Offered: Spring.

## English Major

The courses listed below are designed to give students both depth and breadth in English literary studies. Students learn the works of individual authors and genres as well as broad literary movements. They demonstrate their ability to research and analyze literature in depth by writing a senior thesis in the senior year.

English Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>English Major:</b>		<b>44</b>
<b>English Core</b>		<b>24</b>
ENGL 210 American Literature	4	
ENGL 301 British Literature to 1798	4	
ENGL 302 British Literature since 1798	4	
ENGL 310 Literary Theory	4	
ENGL 340 Shakespeare	4	
ENGL 410 Senior Thesis*	4	
<b>English Electives</b>		<b>20</b>
Select five English courses not already listed as a requirement for this major. Four of the five must be literature electives; the remaining course may be a film elective. (See electives table on p. 80) Note: ENGL 200 cannot count towards this elective requirement.		
<b>General Electives</b>		<b>20-32</b>
<b>Total Required Credits</b>		<b>128</b>

\* ENGL 410 (Senior Thesis) must be taken in the senior year.

## English Major with a Concentration in Film Studies

The English major with a concentration in film studies combines a foundation in the study of English literature with a strong film studies component. While studying a fundamental literary subject such as Shakespeare, students will learn about the history of cinema and the contributions of influential auteurs, as well as the complex dynamics between film and literature. Students will also have the opportunity to perform in-depth studies of important genres and pivotal movements or nationalities. The study of film necessarily includes reading films critically, researching current scholarship, and writing original arguments. In the spring semester of their senior year, students will demonstrate their knowledge by writing a thesis that features film exclusively or combines film and literature.

English Major with Film Studies Concentration Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>English Major with Film Studies Concentration:</b>		<b>36</b>
<b>Film Studies Core</b>		<b>28</b>
ENGL 205 Fiction and Film*	4	
ENGL 210 American Literature	4	
ENGL 310 Literary Theory	4	
ENGL 340 Shakespeare	4	
ENGL 350 Film History	4	
ENGL 355 Auteurs	4	
ENGL 410 Senior Thesis	4	
<b>Film Studies Electives (select eight hours)</b>		<b>8</b>
ENGL 307 Film	4	
ENGL 311 Creative Writing: Short Fiction	4	
FLME 351 Film Adaptation	4	
FLME 352 Foreign Film	4	
FLME 353 The Science Fiction Film	4	
FLME 354 The War Film	4	
FLME 356 Special Topics in Film Studies	4	
<b>General Electives</b>		<b>28-40</b>
<b>Total Required Credits</b>		<b>128</b>

\*Students majoring in English with a film studies concentration cannot use ENGL 205 to fulfill the general education humanities requirement.

**English Minor**

English Minor Required Courses		Course Credits	Total Required Credits
<b>English</b>			<b>20</b>
ENGL 210	American Literature	4	
ENGL 301	British Literature to 1798	4	
ENGL 302	British Literature since 1798	4	
ENGL 340	Shakespeare	4	
English Elective (300-400 level)		4	
<b>Total Required Credits</b>			<b>20</b>

**English Electives**

Students pursuing the English major must choose five electives in addition to the English Core. Four of the five must fall under the literature group while the remaining elective can be film-related.

Course Number/Name	Credit Hrs
<b>Literature Electives</b>	
ENGL 303 Poetry	4
ENGL 304 Short Story	4
ENGL 305 Novel	4
ENGL 306 Drama	4
ENGL 307 Film	4
ENGL 308 American Literary Movements	4
ENGL 309 Special Topics in Literature	4
ENGL 311 Creative Writing: Short Fiction	4
ENGL 312 Creative Writing: Poetry	4
ENGL 320 Millers, Monks, and Other Malefactors: <i>The Canterbury Tales</i>	4
ENGL 321 Fantasy Literature and the Renaissance	4
ENGL 322 Novels of Seduction in 18th Century Literature	4
ENGL 323 Romantic	4
ENGL 324 American Renaissance	4
ENGL 325 Revolution in Faith: Late 19th Century British Lit	4
ENGL 326 Counterculture and Modern British Literature	4
ENGL 327 The American Century	4
ENGL 328 Minority Literature	4
ENGL 330 Junior Seminar	4
ENGL 333 Internship	1-4
ENGL 400 History of the Language	4
ENGL 420 Comparative Literature	4
<b>Film Electives</b>	
ENGL 205 Fiction and Film	4
ENGL 350 Film History	4
ENGL 355 Auteurs	4
FLME 351 Film Adaptation	4
FLME 352 Foreign Film	4
FLME 353 The Science Fiction Film	4
FLME 354 The War Film	4
FLME 356 Special Topics in Film Studies	4

**ENGL 303-307 Literary Forms (4 each course)**

Examination of various literary genres (poetry, the short story, the novel, drama, and film). Investigation of each genre's representative texts and multiple practitioners in order to deepen competencies in interpreting literature and evaluating secondary sources. Also covered are major developments within the genre. Includes introduction to canon issues through examination of classical and non-classical, canonical and noncanonical, and multicultural literature. Offered: As needed.

- ENGL 303 Poetry**
- ENGL 304 Short Story**
- ENGL 305 Novel**
- ENGL 306 Drama**
- ENGL 307 Film**

**ENGL 308 American Literary Movements (4)**

Examination of major American literary movements. Investigation of representative texts in order to broaden understanding of the scope of American literary history. Prereqs: UCCA 101, UCCA 102, and ENGL 210. Offered: As needed.

**ENGL 309 Special Topics in Literature (4)**

Study of literary movements and/or particular thematic issues selected on the basis of student interest and faculty expertise. Cannot be used as a substitute for the general education humanities requirement. Prereqs: Completion of University Core Curriculum. Offered: As needed.

**ENGL 310 Literary Theory (4)**

Overview of the history, methodologies, and ideologies of literary and critical theory. In-depth study of contemporary critical methodologies affords students the opportunity to gain confidence in their own critical thinking and writing about literature. Prereq: ENGL 210. Offered: Fall.

**ENGL 311 Creative Writing: Short Fiction (4)**

Survey of styles, techniques, and trends in current short fiction with emphasis placed on learning the craft of imaginative writing. Prereqs: UCCA 101 and UCCA 102. Offered: Spring.

**ENGL 312 Creative Writing: Poetry (4)**

Survey of styles, techniques, and trends in current poetry with emphasis placed on learning the craft of imaginative writing. Prereqs: UCCA 101 and UCCA 102. Offered: Fall.

**ENGL 320-328 Literature in Its Own Time (4 each course)**

Survey of literature from a particular period, including study of historical, intellectual, and social backgrounds while focusing on the literary forms and conventions characteristic of the era. English majors must complete two courses from this category. Offered: One period literature course every semester.

- ENGL 308 American Literary Movements** (see description above)
- ENGL 320 Millers, Monks, and Other Malefactors:  
The Canterbury Tales**
- ENGL 321 Fantasy Literature and the Renaissance**
- ENGL 322 Novels of Seduction in 18th Century Literature**
- ENGL 323 Romantic**
- ENGL 324 American Renaissance**
- ENGL 325 Revolution in Faith: Late 19th Century British Literature**
- ENGL 326 Counterculture and Modern British Literature**
- ENGL 327 The American Century**
- ENGL 328 Minority Literature**

Readings from various American ethnic fiction writers and poets. Secondary Education-English/Language Arts majors may substitute Minority Literature for ENGL 420 Capstone. Offered: As needed.

**ENGL 330 Junior Seminar (4)**

In-depth study of the work of a single author or exploration of a special topic. Offered: As needed.



**ENGL 333 Internship (1-4)**

Learning experience for advanced students working under the supervision of qualified professionals in an academic or business setting. May be repeated for a maximum of 4 credits. Prereqs: Junior standing or above, 12 credits of English courses, and permission of the instructor. Offered: As needed.

**ENGL 340 Shakespeare (4)**

Close reading of Shakespearean comedies, tragedies, histories, and romances, emphasizing formalist and theoretical analyses. Offered: Spring.

**ENGL 350 Film History (4)**

Examination of the historical development of film as an industry and a major modern art form, including important periods, movements, nationalities, genres, auteurs, and specific works. Prereq: UCCA 101 and UCCA 102. Offered: Fall, on rotation. (Formerly ENGL 331)

**ENGL 355 Auteurs (4)**

Exploration of the work of one or more major film directors. Examines a representative sample of films, emphasizing formal cinematic analysis and survey of critical literature. Offered: As needed. (Formerly ENGL 332)

**ENGL 400 History of the Language (4)**

Investigation of the theory, background, and development of the English language. Offered: As needed.

**ENGL 410 Senior Thesis (4)**

Directed-study project focused on the development of an original thesis, derived from research begun in the junior-level class. Project combines research skills and the student's own critical analysis. Evaluated by external examiners and presented orally. Prereqs: ENGL 310 and substantial paper from a junior-level class to be developed into a senior thesis. Offered: Spring.

**ENGL 420 Comparative Literature (4)**

Readings of literature in translation from various cultures and times, situating them in the professional context of the discipline. Offered: Spring.

**ENGLISH - FILM STUDIES**

**FLME 351 Film Adaptation (4)**

Examination of the theory, practice, and products of film adaptation, including readings of primary source texts and the specific films adapted from those texts. Prereqs: UCCA 101 and UCCA 102. Offered: Fall, on rotation.

**FLME 352 Foreign Film (4)**

Examination of the cultural development and aesthetic principles common to foreign cinema, including major periods, nationalities, movements, auteurs, and specific works. Prereqs: UCCA 101 and UCCA 102. Offered: Spring, on rotation.

**FLME 353 The Science Fiction Film (4)**

Examination of the genre of the science fiction film, including major periods and subgenres as well as specific works. Prereqs: UCCA 101 and UCCA 102. Offered: Spring, on rotation.

**FLME 354 The War Film (4)**

Examination of the genre of the American war film, including major periods and subgenres as well as specific works. Prereqs: UCCA 101 and UCCA 102. Offered: Fall, on rotation.

**FLME 356 Special Topics in Film Studies (4)**

Examination of film genres, auteurs, movements, periods, or nationalities selected on the basis of student interest or faculty expertise. May be repeated once, if topic title is different, for a maximum of 8 credits. Prereqs: UCCA 101 and UCCA 102. Offered: Fall, on rotation.

# Geography

## Faculty

Eric J. Fournier, Chair, Professor  
 Jennifer L. Rahn, Assistant Professor  
 Jennifer Speights-Binet, Assistant Professor

## Undergraduate Programs and Requirements

### Major

Geography

### Minors

Traditional Geography  
 Certificate in Geographic Information Science  
 Latin American Studies\*

### Interdisciplinary Concentrations

Latin American Studies\*

The Department of Geography offers a major in geography leading to a bachelor of science degree. The department also offers a traditional geography minor and a certificate in geographic information science.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. Geography majors cannot use geography to satisfy the general education natural and computational science or social science requirement.

\*See the History or World Languages and Cultures sections for details on the Latin American studies minor and interdisciplinary concentration.

### Geography Major

Geography Major Required Courses		Course Credits	Total Required Credits
University Core Curriculum			22
General Education Requirements			30-42
Geography Major:			40
<b>Geography Core</b>			<b>16</b>
GEOG 101	Global Geography: Places, Landscapes, & Regions	4	
GEOG 150	Physical Geography: Understanding Planet Earth	4	
GEOG 216	Mapping a Changing World	4	
GEOG 299	Essentials of Geography	4	
<b>Geography Electives</b> (select four 300-400 level geography courses)		16	<b>16</b>
<b>Geography in Practice</b>			<b>4</b>
GEOG 301	Independent Study	1-4	
GEOG 311	Directed Teaching Experience	1-4	
GEOG 460	Geography Internship	1-4	
<b>Geography Capstone</b>			<b>4</b>
GEOG 499	Senior Seminar	4	
<b>General Electives</b>			<b>24-36</b>
<b>Total Required Credits</b>			<b>128</b>

## Geography Minors

The geography department strongly recommends that students select a minor. For students other than geography majors, the department offers two options: the traditional minor for students seeking one to complement history, political science, international relations, public administration, education, or other disciplines and programs; and a certificate in geographic information science for students interested in GIS technology. The latter is suitable for business administration, the natural sciences, math, or computer science.

### Traditional Geography Minor

<b>Traditional Geography Minor Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Geography Core</b>		<b>8</b>
GEOG 101 Global Geography	4	
GEOG 150 Physical Geography	4	
<b>Geography Electives</b> (select three additional geography courses, two of which must be at the 300-400 level)	12	<b>12</b>
<b>Total Required Credits</b>		<b>20</b>

### Certificate in Geographic Information Science

<b>Certificate in Geographic Information Science Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Geography Core</b>		<b>12</b>
GEOG 150 Physical Geography	4	
GEOG 216 Mapping a Changing World	4	
GEOG 316 Applied GIS	4	
<b>Geography Elective</b> (select one upper-level geography course)	4	<b>4</b>
<b>Mathematics and Computer Science</b>		<b>8</b>
COSC 110 Introduction to Programming	4	
MATH 210 Elementary Statistics	4	
<b>Total Required Credits</b>		<b>24</b>

### Geography Major with GIS Certificate/Minor

<b>Geography Major with GIS Certificate/Minor Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Geography Major with GIS Certificate/Minor:</b>		<b>52</b>
<b>Geography Core</b>		<b>16</b>
GEOG 101 Global Geography	4	
GEOG 150 Physical Geography	4	
GEOG 216 Mapping a Changing World	4	
GEOG 299 Essentials of Geography	4	
<b>Geography Electives</b> (select four 300-400 level geography courses)	16	<b>16</b>
<b>Geography in Practice</b>		<b>4</b>
GEOG 301 Independent Study*	1-4	
GEOG 311 Directed Teaching Experience**	1-4	
GEOG 460 Geography Internship	1-4	
<b>Advanced GIS Course</b>		<b>4</b>
GEOG 316 Applied GIS	4	
<b>Geography Capstone</b>		<b>4</b>
GEOG 499 Senior Seminar*	4	
<b>Mathematics and Computer Science</b>		<b>8</b>
COSC 110 Introduction to Programming	4	
MATH 210 Elementary Statistics	4	
<b>General Electives</b>		<b>12-24</b>
<b>Total Required Credits</b>		<b>128</b>

\*Projects chosen for Independent Study and Senior Seminar must be GIS-focused.

\*\*Directed Teaching Experience must be in GEOG 216 or GEOG 316.

## Courses

### GEOG 101 Global Geography: Places, Landscapes, and Regions (4)

Expand and enhance knowledge of your world. This course uses a spatial approach to understand history, culture, and environmental concerns across the globe. Regional case studies and current events reinforce geographic concepts.

### GEOG 150 Physical Geography: Understanding Planet Earth (4)

Hurricanes, tsunamis, earthquakes, volcanoes, global climate change. Learn the science behind the headlines. Understand processes and patterns in the natural environment. This course investigates a diverse set of environmental concerns on our dynamic planet including landform processes, oceans and coasts, water resources, Earth's atmosphere, and climate dynamics. Offered: Fall and Spring. (Formerly GEOG 214)

### GEOG 216 Mapping a Changing World (4)

Learn the art and science of mapmaking (cartography), using state-of-the-art technologies like Google Earth, Global Positioning System (GPS), remotely-sensed imagery, and geographic information systems (GIS). The course provides an opportunity to develop spatial problem-solving skills using timely and appropriate global, regional, and local case studies. Offered: Spring.

### GEOG 299 Essentials of Geography (4)

Overview of the discipline of geography with an emphasis on developing the geographic skills necessary to investigate and solve problems in an increasingly complex world. Both traditional and emerging trends in geographic inquiry are explored with an emphasis on research, writing, and presentation abilities. Offered: Spring, on rotation.

### GEOG 301 Independent Study (1-4)

Directed reading and/or research on a topic in geography intended to give special training or preparation in subject areas not covered in the regular geography course offerings. May be repeated for a maximum of 8 credits. Prereqs: Geography major or minor and permission of the instructor. Offered: Fall and Spring.

### GEOG 305 Globalization: Geographies of Economic Change (4)

Geographic examination of the world's economy. Topics include global patterns of production and distribution, economic development, transportation, location analysis, and the globalization of the world's economic systems. Offered: Spring, on rotation.

### GEOG 311 Directed Teaching Experience (1-4)

Involves student participation as an undergraduate teaching assistant for a geography course under the supervision of a geography faculty member. May be repeated for a maximum of 8 credits. Grading is pass/fail. Prereqs: Minimum 3.5 GPA in geography courses, minimum 3.0 GPA overall, 12 hours of completed geography coursework, and permission from the supervising faculty member and the geography department chair. Offered: Fall and Spring.

### GEOG 316 Applied GIS (4)

Builds upon content and skills acquired in GEOG 216. This course takes GIS to the next level as students learn the knowledge and skills necessary to author, map, and display geospatial data in creative and innovative ways. Prereq: GEOG 216. Offered: Spring, on rotation. (Formerly GEOG 270)

### GEOG 350 Coastal and Marine Geography: Modern Marine Science (4)

Overview of the world's oceans and the role they play in global geologic, climatologic, and biologic systems. The course investigates current ocean science and technologies, patterns of environmental change, and coastal dynamics. Co-listed with MARS 350. Offered: Spring, on rotation.

### GEOG 360 Urban Geography: The North American City (4)

Geographic perspective of the past, present, and future of the American city. Topics include the historic roots of cities, development of the U.S. urban system, transportation, and the shaping of cities; social, political, and economic dynamics of urban areas; urban growth, decline, and revitalization; suburbanization; and challenges facing cities in the twenty-first century. Co-listed as POLS 360 and SOCI 360. Offered: Spring, on rotation.

**GEOG 361 Bridging London (4)**

Field-based exploration of the geography of London and its environs. Students investigate historical development, commerce, naval power, imperialism, colonialism, scientific achievement, industrial revolution, financial systems, economic frameworks, transportation, governance, urban design, community, culture, society, ethnicity, international significance, and the intersection between globalization and urbanization. In a given term, when offered, course may be co-listed as CLAS 361, HIST 361, JMC 361, POLS 361, and/or SOCI 361. Offered: Jan Term, on rotation.

**GEOG 370 Suburban Nation: Gates, Golf Courses, and Ghettos (4)**

Addresses the fundamental questions: How did the United State become such a suburban nation? How has this pervasive suburban landscape changed over time, both in design and meaning? Using a variety of sources (film, fiction, an historical essays), the course considers the evolution of the suburban landscape from the colonial to the contemporary era. Co-listed with HIST 370 and SOCI 370. Offered: Fall, on rotation.

**GEOG 391 Exploring North American Landscapes: From Wilderness to Walt Disney World (4)**

Exploration of the human and physical geographies of the United States and Canada. Drawing from diverse texts, the course explores the evolution of the North American landscape. Topics to be covered include: conversion of the New World wilderness, frontier mythologies, the evolution of the American city, and the cultural impact of suburbia. Co-listed as HIST 391. Offered: On rotation.

**GEOG 392 Geographies of Africa (4)**

Presents a geographical exploration of Africa, focusing primarily on cultural issues. A broad range of topics will be investigated including: African stereotypes, environmental crises, social geographies of gender and religion, legacies of colonialism, and the impact of development policies throughout the region. Co-listed as POLS 392. Offered: On rotation.

**GEOG 395 Giants of Asia: China and India in the 21st Century (4)**

Focuses on exploring these two giant countries and understanding their emergence as important world powers in the 21st century. The course investigates the physical environment, history, culture, economy, and politics that help shape these two countries. Co-listed as HIST 395 and POLS 395. Offered: Fall, on rotation.

**GEOG 397 Andes to Amazon: Physical Landscapes of Latin America (4)**

Study of the geographical forces that influence the landscapes of Latin America and how they change over time. This course is organized by substantive topics rather than by country. Topics include regional specific plate tectonics, weather systems, oceanographic systems, and river systems. Co-listed with POLS 397. Offered: Fall, on rotation.

**GEOG 460 Geography Internship (1-4)**

Practical work experience outside the department. Placement may be with government agencies, non-profits, industry, or other organizations. May be repeated for a maximum of 8 credits, but only 4 of the 8 can count towards the major. Grading is pass/fail only. Prereqs: GEOG 101, 150, and 216; declaration of a geography major or minor; and permission of the department. Offered: Fall and Spring.

**GEOG 490 Special Topics in Geography (4)**

Special topics in geography that are not normally examined in depth in the regular course offerings. Focus on research interests of faculty members, newly emerging areas of interest in geography, or current events. Courses may be offered by visiting faculty or as experimental advanced courses by departmental faculty. Prereq: Junior class standing or permission of department chair.

**GEOG 499 Senior Seminar (4)**

Specialized course intended as a synthesizing experience for the major. Course is required for graduation and consists of an independent research project in a sub-field specialty involving a research component, a writing component, and a public, oral presentation of research results. A minimum grade of C is required to pass this course. Offered: Fall.

# History

## Faculty

- S. Jonathan Bass, Chair, Associate Professor
- James S. Brown, Jr., Professor
- Ginger S. Frost, Professor
- John Mayfield, Professor
- LeeAnn Reynolds, Assistant Professor
- Barry M. Robinson, Assistant Professor
- W. Jason Wallace, Assistant Professor
- William B. Womack, Assistant Professor

## Undergraduate Programs and Requirements

### Major

History

### Minors

- Asian Studies
- History
- Latin American Studies

### Interdisciplinary Concentrations

- Asian Studies
- International Relations
- Latin American Studies

The Department of History offers a major and minor in history and, in cooperation with other departments, offers interdisciplinary concentrations in Asian studies, international relations, and Latin American studies. History course offerings also fulfill requirements for minors in Asian studies; Christianity, women, and leadership studies (CWLS); and Latin American studies. All history majors and interdisciplinary concentrations earn a bachelor of arts degree. The history department offers several scholarships and awards to history majors. For more information, students should contact the departmental office.

Students who plan to teach at the secondary school level may obtain a B.A. in history with teacher certification through the College of Arts and Sciences or major in history/social science, leading to a bachelor of science in education degree, from the School of Education.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. History majors and minors, and students in the international relations interdisciplinary concentration, cannot use HIST 200 (The West in Global Perspective) to meet the general education humanities requirement.

### History Major

A history major prepares students for a broad range of careers in business, education, religion, communications, government service (both domestic and foreign), and other professions. It is excellent preparation for graduate study in history and for professional schools such as business administration and law. As a traditional major for students planning legal careers, the department offers students a strong background in western and non-western institutions and values.

The major also provides subject preparation for those seeking a career in education. History majors who wish to obtain certification for secondary teaching must meet additional requirements through the Orlean Bullard Beeson School of Education and Professional Studies. The student's degree affiliation remains in Arts and Sciences, and he or she must meet all University core curriculum and general education requirements imposed by the bachelor of arts.

## History Major

<b>History Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>History Major:</b>		<b>44</b>
<b>I. Foundations</b>		<b>16</b>
HIST 200 The West in Global Perspective	4	
HIST 217 Early America to 1877	4	
HIST 218 Modern America since 1865	4	
HIST 300 The Historian's Craft	4	
<b>II. Advanced Surveys and Special Studies*</b>		<b>24</b>
Select six upper-division courses at the 300- or 400-level. Excludes HIST 495 and HIST 497. At least two of the upper-division history courses must be in areas other than U.S. history.	24	
<b>III. Capstone**</b>		<b>4</b>
HIST 495 Senior Seminar <i>or</i>	4	
HIST 497 Independent Research		
<b>General Electives</b>		<b>20-32</b>
<b>Total Required Credits</b>		<b>128</b>

\* With some exceptions, 300-level courses are European and American period courses; 400-level courses are normally area studies or topical courses. Students should consult with their advisors to achieve a suitable balance of 300- and 400-level courses.

\*\* A history major is expected to enroll in a Senior Seminar (HIST 495). With permission of the instructor and department chair, a student with a special project may substitute Independent Study (HIST 497) for this requirement.

## Asian Studies Interdisciplinary Concentration

Through an intercampus exchange program, the Birmingham Area Consortium for Higher Education (BACHE), students may obtain an interdisciplinary concentration or minor in Asian studies. The curriculum provides preparation for graduate school in several disciplines or for work in such diverse fields as government service, international business, marketing, and journalism.

<b>Asian Studies Interdisciplinary Concentration Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements*</b>		<b>30-42</b>
<b>Asian Studies Interdisciplinary Concentration:</b>		<b>40</b>
<b>Asian Studies</b>		<b>4</b>
HIST 463 Monsoon Asia: Survey of Cultural History	4	
<b>History Electives (East Asia, South-Southeast Asia courses**)</b>		<b>24</b>
HIST 395 Giants of Asia: China & India-21st Century	4	
HIST 441 History of China to 1644	4	
HIST 442 History of China since 1644	4	
HIST 443 History of Modern Japan	4	
HIST 444 Asia's Response to the West	4	
HIST 456 Vietnam: An American Watershed	4	
<b>Asian Studies Electives</b>		<b>12</b>
12 additional credits (approximately 3 courses) approved by the department	12	
<b>General Electives</b>		<b>24-36</b>
<b>Total Required Credits</b>		<b>128</b>

\* Samford University requires 30-42 credits depending upon language placement. In this major, the general education language requirement can only be satisfied by an Asian language. Samford University offers at least two years of Chinese, Hindi, Japanese, and Thai; see the Department of World Languages and Cultures section of this catalog for a description of the Critical Languages Program.

\*\*24-32 credits maximum in one area; 4 credits minimum required in second area.

## International Relations Interdisciplinary Concentration

The concentration in international relations is an interdisciplinary program offered cooperatively by the departments of history, political science, and world language and cultures. Students use the interdisciplinary minor as preparation for international missions, teaching, service, and business; or graduate education in law, history, religion, and language. International relations students who choose history methods and capstone courses in the department (Historian's Craft and Senior Seminar) are eligible to receive scholarship money from history funds. For information on other aspects of international relations, see the Department of Political Science section of this catalog.

<b>International Relations Interdisciplinary Concentration Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>IREL Interdisciplinary Concentration:</b>		<b>57-60</b>
<b>International Relations Core</b>		<b>36</b>
Political Science	8	
History	8	
Economics	4	
World Languages	8	
Methods and Capstone	8	
<b>International Relations Tracks</b>		<b>21-24</b>
Primary Track (4 courses)	13-16	
Secondary Track (2 courses)	6-8	
<b>General Electives</b>		<b>4-19</b>
<b>Total Required Credits</b>		<b>128</b>

Note: See the Department of Political Science section of the catalog for a detailed version of this degree table.

## Latin American Studies Interdisciplinary Concentration

The bachelor of arts in Latin American studies, a joint program with the departments of geography, history, political science, and world languages and cultures, is intended to teach students about the rich civilizations in the portions of North, Central, and South America and the Caribbean known as Latin America. Through emphasis on the Spanish language and an interdisciplinary approach to the region, students will obtain a nuanced and deep understanding of Latin America. For details on required courses and options, see the Department of World Languages and Cultures section of this catalog.

<b>Latin American Studies Interdisciplinary Concentration Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Latin American Studies Interdisciplinary Concentration:</b>		<b>52</b>
<b>I. Language</b>	16	
<b>II. Interdisciplinary Course</b>	4	
<b>III. Discipline-Based Courses:</b>	20	
A. Social Science (8 credits)		
B. Literature (4 credits)*		
C. Civilization/Culture (8 credits)		
<b>IV. Study Abroad in Latin America</b>	4	
<b>V. Latin America in Global Perspective*</b>	4	
<b>VI. Capstone Experience**</b>	4	
<b>General Electives</b> (chosen with advisor's approval)		<b>12-24</b>
<b>Total Required Credits</b>		<b>128</b>

\* Selected courses within this group must have a Latin American focus.

\*\* Students must take a discipline-based senior seminar in an Arts and Sciences department. The research project must have Latin American-related content, as determined through agreement with the advisor and the seminar professor.

Note: See the Department of World Languages and Cultures section of the catalog for a detailed version of this degree table.

**History Minor**

History Minor Required Courses		Course Credits	Total Required Credits
<b>History Core</b>			<b>12</b>
HIST 200	The West in Global Perspective	4	
HIST 217	Early America to 1877	4	
HIST 218	Modern America since 1865	4	
<b>History Electives</b> (select three history courses at or above the 300-level)			<b>12</b>
<b>Total Required Credits</b>			<b>24</b>

**Asian Studies Minor**

Asian Studies Minor Required Courses		Course Credits	Total Required Credits
<b>Asian Studies</b>			<b>4</b>
HIST 463	Monsoon Asia: Survey of Cultural History	4	
<b>History</b>			<b>24</b>
HIST 395	Giants of Asia: China & India-21st Centy.	4	
HIST 441	History of China to 1644	4	
HIST 442	History of China since 1644	4	
HIST 443	History of Modern Japan	4	
HIST 444	Asia's Response to the West	4	
HIST 456	Vietnam: An American Watershed	4	
<b>Total Required Credits</b>			<b>28</b>

**Latin American Studies Interdisciplinary Minor**

Latin American Studies Interdisciplinary Minor Required Courses		Course Credits	Total Required Credits
<b>Latin American Studies Core</b>			<b>12</b>
LAST 201	Introduction to Latin American Studies	4	
SPAN 301	Conversation/Composition/Grammar*	4	
SPAN 302	Conversation/Composition/Reading*	4	
<b>Latin American Cultural Studies</b> (choose one)			<b>4</b>
LAST 380	Latin American Studies Seminar	4	
SPAN 316	Latin American Culture I*	4	
SPAN 317	Latin American Culture II	4	
<b>Latin American Studies Electives</b> (choose two)			<b>8</b>
GEOG 397	Andes to Amazon: Physical Landscapes of Latin America	4	
HIST 461	Modern Latin America	4	
POLS 322	Latin American Politics	4	
<b>Total Required Credits</b>			<b>24</b>

\*Or the equivalent SPAN study abroad option in Latin America.

**Courses****HIST 200 The West in Global Perspective (4)**

Examination of the development of Western Civilization in its global setting since 1500, through its political, social, economic, and scientific evolution. Required of history majors. Offered: Fall and Spring.

**HIST 217 Early America to 1877 (4)**

Social, cultural, and political overview of American history from its colonial beginnings through the end of Reconstruction. Required of history majors. Offered: Fall and Spring.

**HIST 218 Modern America since 1865 (4)**

Social, cultural, and political overview of American history from 1865 to the present. Required of history majors. Offered: Fall and Spring.

**HIST 300 The Historian's Craft (4)**

Introduction to historiography and historical methods and techniques covering the use of primary and secondary sources, note-taking, citation (including Turabian), and Internet sources. Includes completion of a substantial research paper based on both primary and secondary sources, especially as preparation for further upper-division work. Seminar format; required of history majors. Offered: Fall and Spring.

**HIST 301 Colonial and Revolutionary America to 1789 (4)**

Examination of colonial America focusing on European background; economic, political, and cultural growth; and the American Revolution.

**HIST 302 The New Nation, 1789-1860 (4)**

Examination of the growth of the United States from the constitutional era through the onset of the sectional conflict.

**HIST 305 The Civil War and Reconstruction (4)**

Advanced study of the forces and events involved in the coming of the great American conflict, the war years, and Reconstruction.

**HIST 306 The Emergence of Modern America, 1865-1929 (4)**

Survey of aspects that helped define terms for the politics, economics, and culture of the early 20th century, such as the rise of heavy industry; the businessman as new folk hero; business consolidations and urbanization; "New Immigration" and "Social Darwinism;" and the clash of protests from organized labor, Populism, Socialism, and the Social Gospel.

**HIST 307 The Great Depression and the New Deal, 1918-1945 (4)**

Examination of American social, cultural, and political history during the 1920s and 1930s.

**HIST 308 Contemporary America: Media and Politics (4)**

Survey of media, politics, and culture since the end of World War II. Co-listed as JMC 308.

**HIST 310 The Middle Ages (4)**

Survey of political, social, and religious developments in Europe from the collapse of the Roman Empire to the high Middle Ages. Offered: Spring, on rotation.

**HIST 313 Reformation Europe (4)**

Study of the dynamic forces loosed in the Reformation, with cultural, intellectual, theological, and political emphases.

**HIST 316 The Age of Revolutions (4)**

Study of Europe and America during the 17th and 18th centuries.

**HIST 317 Nationalism (4)**

Advanced study of 19th-century and 20th-century European history focusing on the rise of nationalism and its consequences.

**HIST 322 Early 20th Century Europe (4)**

Advanced study of the political, economic, military, and cultural aspects of European history and Europe's international relations, 1900-1945.

**HIST 323 Recent European History (4)**

Advanced study of late 20th century European history since 1945. Emphasis on the political, economic, military, and cultural aspects of Europe and Europe's international relations.

**HIST 348 Riots, Rebellions, and Revolutions (4)**

Examination of radical social change through comparison of various revolutions (e.g., English, American, French, Russian, and Chinese). Co-listed as POLS 348. Offered: Jan Term, on rotation.

**HIST 370 Suburban Nation: Gates, Golf Courses, and Ghettos (4)**

Addresses the fundamental questions: How did the United State become such a suburban nation? How has this pervasive suburban landscape changed over time, both in design and meaning? Using a variety of sources (film, fiction, an historical essays), the course considers the evolution of the suburban landscape from the colonial to the contemporary era. Co-listed with GEOG 370 and SOCI 370. Offered: Fall, on rotation.

**HIST 390 Monarchs, Bishops, and Martyrs: The English Reformation (4)**

Study of historical and religious factors of the English Reformation. Course is taught in London with visits to historical sites. Co-listed as POLS 390 and RELG 390. Offered: Jan Term, on rotation.

**HIST 391 Exploring North American Landscapes: From Wilderness to Walt Disney World (4)**

Exploration of the human and physical geographies of the United States and Canada. Drawing from diverse texts, the course explores the evolution of the North American landscape. Topics to be covered include: conversion of the New World wilderness, frontier mythologies, the evolution of the American city, and the cultural impact of suburbia. Co-listed as GEOG 391. Offered: On rotation.

**HIST 395 Giants of Asia: China and India in the 21st Century (4)**

Focuses on exploring these two giant countries and understanding their emergence as important world powers in the 21st century. The course investigates the physical environment, history, culture, economy, and politics that help shape these two countries. Co-listed as GEOG 395 and POLS 395. Offered: Fall, on rotation.

**HIST 398 The Alabama Constitution: 100 Years of Controversy (4)**

Examination of the creation, structure, and interpretation of state constitutions. Special attention paid to the 1901 Alabama Constitution and issues surrounding the document as well as to current and past reform movements. Co-listed as JMC 398 and POLS 398.

**HIST 399 London Study Topics (4)**

Special courses designed for and offered at the Daniel House London Study Centre.

**HIST 401 Oral History: Traditions and Techniques (4)**

Topical study of the American national experience through the culture of the folk, with emphasis on oral history as an essential dimension of the historical narrative of the American people. Includes methodological study of oral history as a research technique, which is particularly valuable in preserving and comprehending the heritage of the folk.

**HIST 402 The History of American Women (4)**

Study of women who have made a significant impact on mainstream American history and also of the role and status of ordinary women. Includes consideration of the forces that have been exerted on American society by women as a group and the forces that have been exerted upon women.

**HIST 403 Civil Rights Movement in America (4)**

Advanced study of the Civil Rights Movement in the United States in the twentieth century.

**HIST 405 Native Americas: An Ethnohistorical Seminar (4)**

Study of the indigenous cultures of the Americas from pre-Columbian times to the present. Introduces ethnohistorical methodology and topical readings including first-hand accounts of (and by) Native Americans. Offered: Fall, on rotation.

**HIST 407 The Old South (4)**

Study of the antebellum South. Special consideration given to race, slavery, and the evolution of sectionalism.

**HIST 408 The New South (4)**

Study of the South from Reconstruction to the present.

**HIST 409 History of Alabama (4)**

Political, social, and cultural examination of Alabama in a regional and national context.

**HIST 410 The American Presidency (4)**

Examination of the historical evolution of the American presidency, with particular emphasis on the expansion of presidential powers during the 20th century.

**HIST 421 Ancient Near East and Greece (4)**

Review of the characteristics and contributions of this region from the rise of civilizations and the development of society in Sumeria, Egypt, Mesopotamia, Syria-Palestine, Asia Minor, and Greece.

**HIST 422 Roman Republic and Empire (4)**

Study of the growth of Roman civilization, with emphasis on Rome's political, cultural, and religious contributions.

**HIST 424 Early Modern England (4)**

Study of English political, social, and cultural history from 1485 through the Glorious Revolution.

**HIST 425 Modern England (4)**

Study of the development of the English nation and empire since 1750.

**HIST 426 The Modern Middle East (4)**

Study of the emergence of modern nation-states in the Middle East, beginning with the framework of the Ottoman Empire. Course focuses on political and social problems since 1800.

**HIST 429 Old Russia (4)**

Review of the development of Russian social, political, economic, and religious institutions through 1861.

**HIST 431 Russia since 1861 (4)**

Review of Russian and Soviet history from the emancipation of the serfs to the present. Focus of lectures is on politics, international relations, and ideologies; focus of most of the required reading and research papers is on Russian culture, broadly defined.

**HIST 433 Baptists: Their History and Theology (4)**

Survey of Baptist history from its beginnings in colonial America to the present. Co-listed as RELG 433.

**HIST 434 Folklore: Europe to America (4)**

Study of the pre-history of European peoples in the context of 19th century awakenings of nationalism. Emphasis on the legends, mythologies, and folk literature of Germanic, Slavic, and Celtic areas, as related to their impact on the course of recent history. Includes cross-comparisons with Native American folk culture.

**HIST 435 The Enlightenment (4)**

Survey of political, social, and religious developments of the Enlightenment period. Includes a study of primary and secondary texts that contribute to 17th and 18th century intellectual history and the development of Western Europe. Offered: Fall, on rotation.

**HIST 438 The Family, Sex, and Marriage in Modern Europe (4)**

Examination of the development of the European family from the Industrial Revolution to contemporary times. Emphasis on the evolution of marriage, parent-child relationships, and the role of wider kin in family formation.

**HIST 441 History of China to 1644 (4)**

Examination of the major political, social, economic, and cultural developments of Chinese civilization through 1644, and evaluation of the impact of these developments on world history.

**HIST 442 History of China since 1644 (4)**

Examination of the major political, social, economic, and cultural developments of Chinese civilization since 1644, and evaluation of the impact of these developments on world history.

**HIST 443 A History of Modern Japan (4)**

Examination of the major political, economic, and social developments of Japan since 1868.

**HIST 444 Asia's Response to the West (4)**

Introduction to the way in which China, Japan, and Southeast Asia, including Malaysia, Indonesia, and the Philippines, have responded to Western imperialism.

**HIST 445 Constitutional History of the United States (4)**

Review of the development of the basic concepts of American constitutional law. Co-listed as POLS 445.

**HIST 447 The Development of American Law (4)**

Review of the development of American Law. Co-listed as POLS 447.

**HIST 456 Vietnam: An American Watershed (4)**

Study of the Vietnam War, its origin, and its impact on American society.

**HIST 460 Internship (2-8)**

Student internships in local, state, national, and international offices and agencies under supervision of the instructor. Variable credit; can be taken more than once for maximum of eight credits. Prereq: Permission of the instructor and department chair.

**HIST 461 Modern Latin America (4)**

Survey of modern Latin American history, with particular attention to social and cultural forms, racial and ethnic interaction, and the region's political trajectory. Includes study of contemporary issues such as popular nationalism, drug trafficking and terrorism, human rights, and the interrelation of free trade and democratic government. Offered: Spring, on rotation.

**HIST 462 Modern Mexico (4)**

Seminar on Mexican history, with particular emphasis on the 19th and 20th centuries. Offered: Spring, on rotation.

**HIST 463 Monsoon Asia: Survey of Cultural History (4)**

Broad cultural history of China, Japan, India, and Indonesia.

**HIST 464 Africa/Mideast: Survey of Cultural History (4)**

Broad cultural history of Africa and the Middle East.

**HIST 479 Rise of the British State (4)**

Examination of the emergence of the national government in Britain over the last 500 years through the lens of government's growing impact on citizens' daily life. Co-listed as POLS 479. Offered: Jan Term, in London.

**HIST 490 War and Society (4)**

Study of United States military policy, weapons, and strategy, with emphasis on the twentieth century.

**HIST 495 Senior Seminar (4)**

Intense examination of selected topics in history with emphasis on directed research and writing. Topics vary. Required of all history majors, usually in their senior year. Juniors with a GPA of 3.50 or better in history courses may register with the instructor's written permission. Prereq: HIST 300. Offered: Fall and Spring.

**HIST 497 Independent Studies in History (4)**

Directed readings and research involving a particular field or period of history designed to give preparation in special areas not fully covered in regular course offerings. Prereq: Permission of the instructor and department chair.

**HIST 499 Special Topics in History (4)**

Unique, one-time courses offered either by visiting professors or as experimental advanced courses by members of the department.

# Journalism and Mass Communication

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## Faculty

Raymond N. Ankney, Chair, Associate Professor

Jon Clemmensen, Professor

Dennis R. Jones, Associate Professor

David S. Shipley, Associate Professor

Lee. K. Farquhar, Assistant Professor

T. Sheree Martin, Assistant Professor

## Undergraduate Programs and Requirements

### Major

Journalism and Mass Communication with a Concentration in

Advertising

Broadcast and Electronic Journalism

Print Journalism

Public Relations

### Minors

Film Production

Journalism and Mass Communication (with one of four tracks)

The department offers a major in journalism and mass communication, with four possible concentrations, or tracks: advertising, broadcast and electronic journalism, print journalism, and public relations. Students must officially declare a concentration/track, and each leads to a bachelor of arts degree.

Journalism and mass communication (JMC) majors are also required to have a 20-credit minor or cognate outside the JMC department. The minor is determined by the student in consultation with a journalism and mass communication advisor.

The department also offers minors in film production and journalism and mass communication. The JMC minor has four possible tracks: advertising, broadcast and electronic journalism, print journalism, and public relations.

### Admission to the Department of JMC

**Admitted Freshman Majors:** Must achieve a JMC GPA of 2.75 or better upon completing JMC 200 (Mass Media and Society) and JMC 201 (Mass Media Practices). Students who fail to meet this requirement must change majors. Minimum 2.75 GPA applies to only JMC 200 and JMC 201.

**Students who Transfer and/or Change Majors:** Must have completed UCCA 101 (Communication Arts I) or the equivalent with a grade of C+ or better, and must have a Samford GPA of 3.00 or better. If a Samford GPA does not exist, a higher education GPA of 3.00 or better will qualify.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. JMC majors must take MATH 110 (Contemporary Mathematics) or higher to fulfill the general education mathematics requirement. JMC majors cannot use JMC 200 to satisfy their general education social science requirement.

**Journalism and Mass Communication Major**

Journalism and Mass Communication Major Required Courses	Course Credits	Total Required Credits
University Core Curriculum		22
General Education Requirements:		30-42
Natural and Computational Sciences		8
Social Sciences		4
Mathematics		4
MATH 110 Contemporary Mathematics <i>or</i> higher	4	
World Languages		4-16
Fine Arts		4
Humanities		4
Physical Activity		2
<b>Journalism &amp; Mass Communication Major:</b>		<b>42</b>
<b>Journalism &amp; Mass Communication Core</b>		<b>30</b>
JMC 200 Mass Media and Society	4	
JMC 201 Mass Media Practices	4	
JMC 300 Mass Media Writing and Editing	6	
JMC 301 Mass Media Ethics	2	
JMC 302 Mass Media Law	2	
JMC 310 Mass Media Production	6	
JMC 331 Mass Media Externship	2	
JMC 401 Senior Thesis <i>or</i>	4	
JMC 402 Applied Communication Research		
<b>Journalism &amp; Mass Communication Electives</b> (Must select two, 2-credit elective courses to satisfy requirement.)		<b>4</b>
<b>Journalism Concentration</b> (Choose one of the tracks below and complete both courses.)		<b>8</b>
<b>Advertising Track</b>		
JMC 411 Advertising/Marketing Communication	4	
JMC 412 Advertising/IMC Practicum	4	
<b>Broadcast and Electronic Journalism Track</b>		
JMC 421 Adv Mass Media Applications-Electronic	4	
JMC 422 Video Practicum	4	
<b>Print Journalism Track</b>		
JMC 431 Adv Mass Media Applications-Print/Web	4	
JMC 432 Magazine/E-zine Practicum	4	
<b>Public Relations Track</b>		
JMC 441 Public Relations Communication	4	
JMC 442 Public Relations Practicum	4	
<b>Required Minor or Cognate</b>		<b>20</b>
<b>General Electives</b>		<b>2-14</b>
<b>Total Required Credits</b>		<b>128</b>

**Journalism and Mass Communication Minor**

Journalism and Mass Communication Minor Required Courses	Course Credits	Total Required Credits
<b>Journalism and Mass Communication Core</b>		<b>16</b>
JMC 201 Mass Media Practices	4	
JMC 300 Mass Media Writing and Editing	6	
JMC 310 Mass Media Production	6	
<b>Journalism Track</b> (Choose one of the tracks below and complete both courses.)		<b>8</b>
<b>Advertising Track</b>		
JMC 411 Advertising/Marketing Communication	4	
JMC 412 Advertising/IMC Practicum	4	
<b>Broadcast and Electronic Journalism Track</b>		
JMC 421 Adv Mass Media Applications-Electronic	4	
JMC 422 Video Practicum	4	
<b>Print Journalism Track</b>		
JMC 431 Adv Mass Media Applications-Print/Web	4	
JMC 432 Magazine/E-zine Practicum	4	
<b>Public Relations Track</b>		
JMC 441 Public Relations Communication	4	
JMC 442 Public Relations Practicum	4	
<b>Total Required Credits</b>		<b>24</b>

**Film Production Interdisciplinary Minor**

The interdisciplinary film production minor, offered in cooperation with the Department of Theatre and Dance, allows students to become conversant with the conceptual and practical aspects of visual storytelling. Students will write and edit their own scripts, use digital video cameras to capture scenes, and edit their own projects using high-end software.

Film Production Interdisciplinary Minor Required Courses	Course Credits	Total Required Credits
<b>Film Production Core</b>		<b>15</b>
FLMJ 200 Introduction to Film Production	4	
FLMJ 300 Film Production	4	
FLMJ 400 Documentary Film Production <i>or</i>	4	
FLMJ 410 Short Film Production		
FLMT 310 Screenwriting	3	
<b>Film Production Electives</b> (Choose from the following)		<b>7-8</b>
ENGL 350 Film History	4	
FLME 352 Foreign Film	4	
FLME 354 The War Film	4	
FLMJ 341 Film Production, Technology, & Culture	4	
FLMT 371 Acting for the Camera	3	
JMC 362 The Film Genre	2	
JMC 364 Film Criticism	2	
POLS 355 Politics in Film	4	
<b>Total Required Credits</b>		<b>22-23</b>

**Courses**

**JOURNALISM AND MASS COMMUNICATION**

**JMC 200 Mass Media and Society (4)**

Introduction to mass communication with an emphasis on exposure to mass media messages, the industry, message effects, historical perspective, communication theories, and media literacy. Offered: Every semester.

**JMC 201 Mass Media Practices (4)**

Introduction to mass media systems from a producer perspective with an emphasis on practices and issues. Historical, cultural, political, technological, and social forces that mold and constrain current media forms and products are discussed. Includes the academic response as well as an introduction to scholarly research in the field of journalism and mass communication. Prereqs: JMC 200 for majors. Offered: Every semester.



**JMC 252 Photojournalism (2)**

Introduction to photographic techniques and the study of news feature reporting through photographs. Emphasis on visual composition, developing, and printing. Offered: Fall.

**JMC 300 Mass Media Writing and Editing (6)**

Introduction to writing and editing journalistic and persuasive copy for distribution in converged mass media: print, electronic, and online. Prereq: JMC 200, 201; UCCA 101 or its equivalent, with a C+ or better; and ability to type 30 words per minute. Offered: Fall.

**JMC 301 Mass Media Ethics (2)**

Review of the basic principles of professional ethics and social responsibility in the mass media. Prereq: JMC 300. Offered: Summer 1 and Spring.

**JMC 302 Mass Media Law (2)**

Study of mass media law with an emphasis on libel, access, privacy, contempt, copyright, and freedom of information. Prereq: JMC 300. Offered: Fall.

**JMC 308 America since 1945: Media and Politics (4)**

Survey of media, politics, and culture since the end of World War II. Co-listed as HIST 308.

**JMC 310 Mass Media Production (6)**

Introduction to designing and producing journalistic and persuasive messages for converged digital mass media: print, electronic, and online. Prereqs: JMC 200, 201, and 300. Offered: Spring.

**JMC 331 Mass Media Externship (1-2)**

Practical experience working under the supervision of qualified practitioners in print, broadcasting, advertising, or public relations. Two credits for the first internship, maximum three credits. Prereq: JMC 300 and 310. Offered: Fall, Spring, and Summer 2.

**JMC 352 Web Page Communication (2)**

Study of format and production of messages for distribution via the World Wide Web. Includes the how-to's of creating and publishing software packages, HTML, tables, and animated GIFs.

**JMC 362 The Film Genre (2)**

Study of the history of the film industry in America and its cultural effects. Co-req: JMC 364. Offered: Summer I and Jan Term.

**JMC 364 Film Criticism (2)**

Introduction to critical theory as applied to film. Practical application of theory in the form of critical essays. Co-req: JMC 362. Offered: Summer I and Jan Term.

**JMC 372 Media of Religion (2)**

Investigation of the relationship between two First Amendment rights: freedom of religion and freedom of the press. Course looks at how the church uses a variety of media to communicate the gospel message, how religion is reported in the secular media, and the effects on religion of media-use and vice versa.

**JMC 382 Feature Writing (2)**

Practical application in planning, developing, writing, and submitting manuscripts for publication in magazines and newspapers. Includes a study of query letters, markets, and market requirements.

**JMC 398 The Alabama Constitution: 100 Years of Controversy (4)**

Examination of the creation, structure, and interpretation of state constitutions. Special attention paid to the 1901 Alabama Constitution and issues surrounding the document, as well as to current and past reform movements. Co-listed as HIST 398 and POLS 398.

**JMC 399 London Study Topics (4)**

Special courses designed for and offered at the Daniel House London Study Centre. Topics vary. Offered: Jan Term.

**JMC 400 Senior Seminar (2)**

In-depth examination of selected mass communication topics. Students examine current mass communication issues, prepare group class discussions on the issues, and complete an extensive research paper on a selected mass communication topic. Prereq: Senior standing.

**JMC 401 Senior Thesis (4)**

Capstone experience that includes design, analysis, implementation, testing, and documentation of an original research project. Prereq: Senior standing. Offered: Fall.

**JMC 402 Applied Communication Research (4)**

Introduction to current mass media research techniques as practiced in the print, broadcast, advertising, and public relations industries. Includes survey research, focus group research, interviewing, and simple experimental techniques as well as basic principles of data collection, analysis, interpretation, and reporting. Research project required. Prereqs: Senior standing and MATH 110. Offered: Fall.

**JMC 411 Advertising/Marketing Communication (4)**

Practical application of principles of writing and producing persuasive materials for integrated marketing communications (IMC) purposes, including advertising, marketing, public relations, publicity, and promotions. Prereqs: JMC 300 and 310. Offered: Fall.

**JMC 412 Advertising/IMC Practicum (4)**

Practical application in researching, planning, writing, scheduling, budgeting, and evaluating the creative campaign in a blend of form and function. Includes media selection, copy and layout, audio and video taping, story boards, and preparation of detailed budgets. Prereq: JMC 411. Offered: Spring.

**JMC 421 Advanced Mass Media Applications-Electronic (4)**

Practical application of photographing, reporting, writing, editing, and producing journalistic and persuasive digital video materials for broadcast and online media. Prereqs: JMC 300 and 310. Offered: Fall.

**JMC 422 Video Practicum (4)**

Practical application in producing and directing. Includes staging, lighting, graphics, video control, and composition. Students produce a weekly news/public affairs video magazine (Samford News Network [SNN]). Prereqs: JMC 421. Offered: Fall.

**JMC 431 Advanced Mass Media Applications-Print/Web (4)**

Practical application of writing, editing, and producing materials for print publications including newspapers and magazines. Prereqs: JMC 300 and 310. Offered: Fall.

**JMC 432 Magazine/E-zine Practicum (4)**

Practical application in magazine production. Students write articles, edit, design, market, and publish a magazine. Prereqs: JMC 431. Offered: Spring.

**JMC 441 Public Relations Communication (4)**

Intermediate course in various media techniques used by public relations professionals to reach and influence desired publics. Prereqs: JMC 300 and 310. Offered: Fall.

**JMC 442 Public Relations Practicum (4)**

Practical application in planning and managing a campaign with emphasis on problem analysis, crisis, and issues management. All students work in a student-run public relations agency. Prereq: JMC 441. Offered: Spring.

**JMC 452 Seminar in Media Practices (2-4)**

In-depth study of the roles of the advertising, broadcasting, journalism, and public relations practitioner in the daily practice of the craft. Course includes background research on specific media organizations and subsequent visits to each. Prereqs: JMC 201; Junior standing and/or permission of the instructor. Offered: Jan Term, on rotation.

**JMC 454 International Mass Media (2)**

Introduction to and comprehensive survey of international mass media systems and theories with an emphasis on comparative issues, characteristics, and developments. Course is taught abroad.

**JMC 462 History of Mass Media (2)**

Survey and analysis of the origin, development, influence, and outlook of mass media in America with an emphasis on issues, trends, standards, policies, methods, and controls. Prereq: JMC 201.

**JMC 464 Mass Media Management (2)**

Introduction to the basic principles and practices of personnel and business management as applied to mass media organizations. Prereq: Junior standing. Offered: Spring and Summer 1.

**JMC 472 Advanced Print Media Literacy (2)**

In-depth individual and group work in print media production, half-tone reproduction, and graphic design. Includes sophisticated manipulation of type, graphics, and white space in tabloid, magazine, and newsletter design. Prereq: JMC 310. Offered: Fall.

**JMC 474 Advanced Electronic Media Literacy (2)**

In-depth individual and group work in video production, direction, and postproduction. Includes sophisticated manipulation of light, image, sound, and the use of computer-generated graphics. Prereq: JMC 310.

**JMC 482 Independent Study (1-4)**

Directed-reading, research, and analysis involving a particular field of interest resulting in a project or paper. Course may be repeated for different topics; maximum of 8 credits. Prereq: Junior standing and/or permission of the instructor.

**JMC 492 Special Topics in Mass Media (2-4)**

In-depth analysis of a contemporary mass communication topic that is not normally covered in other JMC offerings. Topics vary according to the instructor. Course may be repeated for different topics; maximum of 8 credits. Prereq: JMC 201.

**JOURNALISM & MASS COMMUNICATION - FILM PRODUCTION**

**FLMJ 200 Introduction to Film Production (4)**

Introductory exploration of film form and aesthetics as they relate to film technique and production, focusing on film structure, cinematography, sound, editing, narrative, interpretation, and the state of the contemporary film industry. Includes screening of films to analyze techniques. Prereq: UCCA 102. Offered: Fall.

**FLMJ 300 Film Production (4)**

Techniques of digital filmmaking production, terminology, digital cameras, lighting techniques, audio recording, and digital editing. Includes screening of films to analyze and critique approaches to film production. Prereq: FLMJ 200. Offered: Spring.

**FLMJ 341 Film Production, Technology, and Culture (4)**

Examination of how technology has influenced film production, focusing on the role that MTV, YouTube, and video iPods have played in changing film production. Includes review of how film production has become more inclusive because of the diffusion of new technologies. Prereq: FLMJ 200. Offered: Spring, on rotation.

**FLMJ 400 Documentary Film Production (4)**

Exploration of non-fictional visual storytelling by developing and producing a mini-documentary that addresses a community issue. Prereqs: FLMJ 200 and FLMJ 300. Offered: Spring, on rotation.

**FLMJ 410 Short Film Production (4)**

Examination of fictional visual storytelling by developing and producing a short film that integrates story with technical skill. Prereqs: FLMJ 200 and FLMJ 300. Offered: Spring, on rotation.

# Mathematics and Computer Science

## Faculty

Bruce W. Atkinson, Chair, Professor  
 Steven F. Donaldson, Associate Professor  
 David L. Foreman, Associate Professor  
 Emily A. Hynds, Associate Professor  
 Sonya S. Stanley, Associate Professor  
 Gregory A. Kawell, Assistant Professor  
 Janie A. Kennedy, Assistant Professor  
 Jeffrey S. Powell, Assistant Professor  
 Brian R. Toone, Assistant Professor  
 Ruric E. Wheeler, Research Professor  
 Candace H. Todd, Instructor

## Undergraduate Programs and Requirements

### Majors

Computer Science  
 Mathematics  
 Dual-Degree Engineering Program

### Minors

Bioinformatics  
 Computer Science  
 Mathematics

The department offers two majors: mathematics and computer science, both leading to the bachelor of science degree. Students planning to earn an Alabama teacher's certificate in mathematics should consult the department chair and refer to the Orlean Bullard Beeson School of Education and Professional Studies section of this catalog.

The department also offers a dual-degree engineering program in conjunction with the Department of Physics and the engineering schools of several regional universities. The five-year program leads to two degrees: a bachelor of science degree from Samford with a major in mathematics or physics, and a bachelor of engineering degree from the participating university. (See the Undergraduate Dual-Degree Engineering Program section below for more details.)

Students interested in pursuing an engineering career need not necessarily enter the dual-degree program. Since mathematics, physics, computer science, and chemistry are basic in all engineering curricula, students taking basic courses in these fields are well prepared to transfer to any engineering school. At Samford, students can complete half the curriculum required in any of the following fields of engineering: mechanical, electrical, civil, chemical, highway, and aeronautical. Interested students are advised to check with several engineering schools to determine which Samford courses would transfer directly.

The department also offers three minors: mathematics, computer science, and an interdisciplinary minor in bioinformatics, offered in cooperation with the Department of Biological and Environmental Sciences. The bioinformatics minor is available in three variations, depending on the student's major.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. Note: Any math course taken to meet requirements for a major or minor in the department may also be used to meet the general education mathematics requirement.

## Undergraduate Dual-Degree Engineering Program

The Department of Mathematics and Computer Science and the Department of Physics offer a dual-degree engineering program jointly with the following universities: University of Alabama at Birmingham, Auburn University, and Mercer University (Georgia).

Students in this five-year program will first pursue a three-year general curriculum at Samford, followed by a two-year general technical curriculum at one of the participating engineering schools. Students apply to the engineering

school during their third year at Samford. Applications must include a letter of recommendation from the chair of the mathematics and computer science department or from the chair of the physics department (depending on the track selected), as well as documentation that the candidate will complete the required coursework at Samford. Candidates must satisfy the admission requirements for the participating engineering school, and should contact the school well in advance of application. The program consists of 96-108 credits at Samford (depending on placement in world languages). Both departments have checklists available for this program: one for the mathematics track and one for the physics track. Please see either department chair for further information.

### Mathematics Major

The department strongly recommends that students planning on graduate studies in mathematics take MATH 430 (Abstract Algebra) and MATH 440 (Introductory Real Analysis). Such students are likely to take at least one or two courses more than the minimum requirement for the major.

**Note:** Students may also receive secondary certification by completing 44 credits of professional studies. Contact the chair of the Department of Teacher Education for more information.

Mathematics Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Mathematics Major:</b>		<b>44</b>
<b>Mathematics Core</b>		<b>32</b>
MATH 240 Calculus I	4	
MATH 260 Calculus II	4	
MATH 270 Calculus III	4	
MATH 280 Intro to Advanced Mathematics	4	
MATH 330 Differential Equations	4	
MATH 340 Linear Algebra	4	
MATH 430 Abstract Algebra <i>or</i>	4	
MATH 440 Introductory Real Analysis		
MATH 485 Senior Seminar	2	
MATH 495 Senior Project	2	
<b>Mathematics Upper-Level Electives</b> (at least four credits must be at the 400 level)		<b>8</b>
<b>Computer Science</b>		<b>4</b>
COSC 110 Introduction to Programming	4	
<b>General Electives</b>		<b>20-32</b>
<b>Total Required Credits</b>		<b>128</b>

### Mathematics Minor

Mathematics Minor Required Courses	Course Credits	Total Required Credits
<b>Mathematics Core</b>		<b>16</b>
MATH 240 Calculus I	4	
MATH 260 Calculus II	4	
MATH 270 Calculus III	4	
MATH 280 Intro to Advanced Mathematics	4	
<b>Mathematics Upper-Level Elective</b>		<b>4</b>
<b>Computer Science</b>		<b>4</b>
COSC 110 Introduction to Programming	4	
<b>Total Required Credits</b>		<b>24</b>

### Computer Science Major

In conjunction with the standard major, the department supports special interdisciplinary tracks in neuroinformatics, bioinformatics, and cognitive science. Consult the Computer Science Web site at <http://www.samford.edu/schools/artsci/math/cs-home.html> or contact the department for details.

Computer Science Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Computer Science Major:</b>		<b>48</b>
<b>Computer Science</b>		<b>44</b>
COSC 110 Introduction to Programming	4	
COSC 200 Discrete Structures for Computer Science	4	
COSC 210 Data Structures and Algorithms	4	
COSC 305 Computer Organization & Architecture	4	
COSC 306 Principles of Bioinformatics <i>or</i>	4	
COSC 315 Databases & Information Management		
COSC 325 Languages and Theory	4	
COSC 335 Operating Systems & Networking	4	
COSC 420 Software Engineering	4	
COSC 460 Current Topics in Computing	4	
COSC 470 Artificial Intelligence and Advanced Computing Strategies	4	
COSC 495 Senior Seminar and Project	4	
<b>Mathematics</b>		<b>4</b>
MATH 240 Calculus I	4	
<b>General Electives*</b>		<b>16-28</b>
<b>Total Required Credits</b>		<b>128</b>

\*Must include 16 hours in an approved Applications Area. This is another discipline or plan of study defined with a student's advisor in which computing may be used as a tool. Typical choices include, but are not limited to, mathematics, natural or social sciences, GIS, and business. A student planning to do graduate work in computing should select mathematics as his/her Applications Area, and take as electives any upper-level computing courses specified as prerequisites for the graduate program.

### Computer Science Minor

Computer Science Minor Required Courses	Course Credits	Total Required Credits
<b>Computer Science Core</b>		<b>12</b>
COSC 110 Introduction to Programming	4	
COSC 200 Discrete Structures for Computer Science	4	
COSC 210 Data Structures and Algorithms	4	
<b>Computer Science Electives</b>		<b>12</b>
<b>Total Required Credits</b>		<b>24</b>

## Bioinformatics Minor for Computer Science Majors

An interdisciplinary program merging insights and techniques from the fields of biology, computer science, mathematics, and information technology. Computational methods lead to the discovery of new biological insights and the creation of global perspectives from which to discover unifying principles in biology, pharmacology, and medicine.

Three versions of the bioinformatics minor are available. Students majoring in computer science should follow the minor table below. Students majoring in biology or biochemistry should follow the bioinformatics minor table as seen in the Department of Biological and Environmental Sciences section. Students majoring in a discipline other than those noted above should follow the table for "Other Disciplines," seen below.

Bioinformatics Minor for Computer Science Majors Required Courses	Course Credits	Total Required Credits
<b>Biology Core</b>		<b>12</b>
BIOL 203 Foundations of Biology I	4	
BIOL 333 Genetics	4	
BIOL 405 Cell and Molecular Biology	4	
<b>Biology Elective</b> (300 or 400-level, preferably an experimental course)	4	<b>4</b>
<b>Bioinformatics</b>		<b>8</b>
COSC 306 or BIOL 306 Principles of Bioinformatics	4	
COSC 407 or BIOL 407 Advanced Bioinformatics	4	
<b>Mathematics</b>		
Meet math requirements for any course listed above		
<b>Total Required Credits</b>		<b>24</b>

NOTE: Computer science majors may not use COSC 306/BIOL 306 or COSC 407/BIOL 407 to satisfy *both* the computer science major and the bioinformatics minor requirements.

## Bioinformatics Minor for Majors in Other Disciplines\*

Bioinformatics Minor for Majors in Other Disciplines* Required Courses	Course Credits	Total Required Credits
<b>Biology Core</b>		<b>4-12</b>
BIOL 203 Foundations of Biology I	4	
BIOL 333 Genetics	4	
BIOL 405 Cell and Molecular Biology	4	
<b>OR**</b>		
BIOL elective(s) if core satisfied by another major/minor	4-8	
<b>Computer Science Core</b>		<b>4-12</b>
COSC 110 Introduction to Programming	4	
COSC 200 Discrete Structures for Computer Science	4	
COSC 210 Data Structures and Algorithms	4	
<b>OR**</b>		
COSC elective(s) if core satisfied by another major/minor	4-8	
<b>Bioinformatics</b>		<b>8</b>
COSC 306 or BIOL 306 Principles of Bioinformatics	4	
COSC 407 or BIOL 407 Advanced Bioinformatics	4	
<b>Mathematics</b>		
Meet math requirements for any course listed above		
<b>Total Required Credits</b>		<b>24-32</b>

\* For students majoring in a discipline *other than* biology, biochemistry, or computer science.

\*\* The bioinformatics minor requires completion of a minimum of 24 credits in biology and computer science beyond what may already be required for the student's major or for another minor. Courses required in this minor may also be counted towards the student's major or another minor but at least 4 biology credits and 4 computer science credits must be completed exclusively for this minor. Students satisfying core requirements in both biology and computer science would take two additional courses in each area. Additional BIOL courses (if needed) are selected at the 300 or 400-level; additional COSC courses (if needed) are selected from the following: COSC 315, 325, 420, 460, and 470.

## Courses

### MATHEMATICS

#### MATH 107 Mathematics for Elementary Teachers (4)

Designed to strengthen understanding of the mathematics that prospective teachers will teach. Includes review of natural numbers, whole numbers, integers, rational numbers, real numbers, and their properties; the variety of representations of different operations; algebraic reasoning and representation; measurements of area, perimeter, surface area, and volume; and geometry concepts including transformations, constructions, and similarities. Offered: Fall and Spring.

#### MATH 110 Contemporary Mathematics (4)

Development of problem-solving skills obtained by studying a wide range of contemporary applications of mathematics. Connections between contemporary mathematics and modern society are stressed. Prereq: Suitable score on placement exam. Offered: Fall, Jan Term, Spring, and Summer 1.

#### MATH 150 Precalculus (4)

Introduction to a combination of standard topics from college algebra and trigonometry. Includes examples of modern mathematical modeling, ideas, and applications, plus the skills and knowledge needed for subsequent mathematics courses and/or real world applications. Covers linear, quadratic, exponential, power, logarithmic, polynomial, inverse, and trigonometric functions. Graphing calculator required; consult department for recommended model. Prereq: Suitable score on placement exam. Offered: Fall, Jan Term, Spring, and Summer 1.

#### MATH 210 Elementary Statistics (4)

Introduction to algebra-based statistics. Includes review of descriptive and inferential statistics with probability decision-making skills necessary for today's complex civilization. Covers frequency, probability, binomial, normal, chi-square and sampling distributions, estimation, hypothesis testing for one and two populations, linear correlation and regression, and analysis of variance. Some class assignments completed using a statistical computing software package. Graphing calculator required; consult department for recommended model. Prereqs: Suitable score on placement exam. Offered: Fall, Spring, Summer 1, possibly Summer 2 or Jan Term.

#### MATH 240 Calculus I (4)

Introductory study of calculus, beginning with a review of precalculus functions with an emphasis on graphical, numerical, and modeling applications. Topics include: limits, continuity, derivatives and their interpretations, tangent line approximations, the definite integral as a limit of Riemann sums, applications of the definite integral to area and average value, the Fundamental Theorem of Calculus, rules of derivatives, formulas for derivatives of precalculus functions, implicit functions, economics applications, optimization and modeling, and Newton's method. Some class assignments/projects completed using the computer algebra system, Mathematica. Graphing calculator required; consult department for recommended model. Prereqs: MATH 150 or suitable score on placement exam. Offered: Fall, Jan Term, Spring, and possibly Summer.

#### MATH 260 Calculus II (4)

Sequel to MATH 240. Topics include: Antiderivatives, integration by substitution, integration by parts, approximation of definite integrals, improper integrals, setting up of Riemann sums in applications, applications of definite integrals to geometry, physics, and economics, probability distributions, simple first order differential equations, slope fields, Euler's method, separation of variables, growth and decay, systems of differential equations, applications of second order equations to oscillations, Taylor approximations, and Taylor series. Some class assignments/projects completed using the computer algebra system, Mathematica. Graphing calculator required; consult department for recommended model. Prereq: Grade of C or better in MATH 240. Offered: Fall and Spring.

**MATH 270 Calculus III (4)**

Sequel to MATH 260. Topics include: Functions of two and three variables, graphs of surfaces, contour plots, vectors, dot products, cross products, partial derivatives, local linearity, differentials, directional derivatives, gradients, chain rule, partial differential equations, constrained and unconstrained optimization, multivariable integration, iterated integrals, numerical integration by the Monte Carlo method, change of variables in multivariable integrals, parameterized curves, and surfaces. Some class assignments/projects completed using the computer algebra system, Mathematica. Graphing calculator required; consult department for recommended model. Prereq: Grade of C or better in MATH 260. Offered: Fall and Spring.

**MATH 280 Introduction to Advanced Mathematics (4)**

Transition from calculus sequence to upper-level math. Primary objective is learning how to read, understand, and write proofs; hence, logic and proof techniques and strategies are heavily discussed. Secondary objective is learning certain basic math concepts needed for upper-level math courses, including set theory, functions, and relations. Other topics may include infinite sets, the set of integers, the set of real numbers, discrete math, and basic number theory. Prereq or co-req: MATH 270. Offered: Fall and Spring.

**MATH 320 Numerical Analysis (4)**

Study of fine differences, interpolations, differentiation and integration, Lagrangian formulas, solutions of equations, systems of equations initial-value problems for ordinary differential equations, curve fitting, and approximation theory. Prereq: MATH 270. Strongly recommended prereq: MATH 280 and/or COSC 200.

**MATH 330 Differential Equations (4)**

Study of ordinary differential equations. Methods of solutions to differential equations are presented and applied in detail. Topics include the general solution to a linear differential equation, linear homogeneous and nonhomogeneous differential equations of higher order with constant coefficients, Laplace transforms, infinite series methods, Legendre Polynomials, Bessel Functions, and linear systems of differential equations. Prereq: MATH 270. Strongly recommended prereq: MATH 280 and/or COSC 200. Offered: Spring.

**MATH 340 Linear Algebra (4)**

Study of fields, systems of linear equations, matrices, vector spaces, subspaces, bases and dimension, linear transformations, isomorphism, representation of transformations by matrices, linear functionals, determinants, eigenvalues and eigenvectors, invariant subspaces, inner product spaces, stochastic matrices, matrix exponentials, and numerical methods. Prereq: MATH 270. Strongly recommended prereq: MATH 280 and/or COSC 200. Offered: Fall.

**MATH 350 Vector Calculus (4)**

Study of vector algebra in two and three dimensions, equations of lines in space, scalar products, orientation, vector products, triple scalar products, vector identities, tensors, vector valued functions, velocity, tangent vectors, acceleration, vector fields, gradients, divergence, curl, the Laplacian, line integrals, potentials, conservative fields, irrotational fields, surface integrals, volume integrals, divergence theorem, Green's formula, and Stoke's theorem. Applications to electrostatics, force fields, potential theory, fluid flow, heat flow, gravitation, and wave equations. Prereq: MATH 270. Strongly recommended prereq: MATH 280 and/or COSC 200; PHYS 203 and PHYS 204.

**MATH 360 Complex Variables (4)**

Study of functions of a complex variable. Topics include analytic and harmonic functions, transformation and mapping, complex integration, power series, residues and poles, conformal mapping, and additional theory of functions. Prereq: MATH 270. Strongly recommended prereq: MATH 280 and/or COSC 200.

**MATH 370 Mathematical Statistics (4)**

Introduction to calculus-based probability theory and statistical inference. Topics include: probability measures, independence and conditional probability, discrete random variables, continuous random variables, distribution functions, expectations, multivariate distributions, correlations, binomial, Poisson, gamma, chi-square, normal distributions, sampling distributions, order statistics, moment-generating functions, functions of random variables, convergence of distributions, central limit theorem, point estimators, maximum likelihood, confidence intervals, hypothesis testing, sufficient statistics, Bayesian estimation, likelihood ratio tests, analysis of variance, linear regression, and nonparametric statistics. Prereq: MATH 270. Strongly recommended prereq: MATH 280 and/or COSC 200.

**MATH 410 Number Theory (4)**

Introduction to the theory of numbers. Topics include divisibility, factorization, prime numbers, congruencies, arithmetic functions, quadratic residues, and Diophantine equations. Additional topics may include primitive roots, continued fractions, cryptography, Fibonacci numbers, and numerical techniques. Prereq: MATH 280.

**MATH 420 College Geometry (4)**

Axiomatic, proof-oriented treatment of different geometries, including synthetic, metric, absolute, and Euclidean geometries. Other topics may include finite geometries, fractals, constructions, and specific non-Euclidean geometries. Prereq: MATH 280.

**MATH 430 Abstract Algebra (4)**

Introduction to abstract algebra, groups, rings, and fields. Topics include: binary operations, groups, subgroups, cyclic groups, groups of permutations, cosets, finitely generated groups, homeomorphisms, isomorphisms, factor groups, rings, fields, and integral domains. Additional topics may include fields of quotients, rings of polynomials, factor rings, ideals, unique factorization domains, and the Sylow Theorems. Prereqs: MATH 340 or MATH 410.

**MATH 440 Introductory Real Analysis (4)**

Proof-oriented introduction to topics in mathematical analysis. Topics include: field axioms of real numbers, completeness axiom, set theory, relations and functions, infinite sets, countable sets, open and closed sets, closure, limit points, Bolzano-Weierstrass theorem, limits and partial limits of sequences, monotone sequences, Cauchy sequences, limits of functions, continuity, extreme value theorem, intermediate value theorem, uniform continuity, differentiation, chain rule, mean value theorem, L'Hopital's rule, convergent series, tests for convergence of series, rearrangement of series, Riemann sums, Riemann integrability, Fundamental Theorem of Calculus, change of variables, sequences of functions, uniform convergence, and power series. Prereq: MATH 280.

**MATH 450 General Topology (4)**

Survey of the fundamental concepts of general topology which depend upon the elementary properties of sets and functions. Includes topological spaces, subspaces, continuity, homeomorphisms, product spaces, connectedness, compactness, separation properties, and metric spaces. Prereq: MATH 280.

**MATH 480 Topics in Mathematics (1-4)**

Independent study arranged between a student (or students) and a faculty member. Topics vary. May be repeated for credit. Prereqs: At least one upper-level mathematics course.

**MATH 485 Senior Seminar (2)**

Seminar with two components: 1) Topic selected by instructor and presented in the "Moore" style (i.e., a list of results are distributed to students, students responsible for presenting results in class.) 2) During the semester, students select a topic of research for the sequel course, MATH 495. They give brief presentations in class and turn in a written proposal for the project to be approved by all mathematics department faculty. In the time between the two courses, students begin to implement the proposal. Prereq: At least one 400-level MATH course.

### **MATH 495 Senior Project (2)**

Students complete the project proposed in MATH 485. Instructor sets deadlines for rough drafts and students present fragments of the work periodically, with continual instructor feedback. Final outcome is a written project and a presentation that is reviewed by all department faculty. Students are required to take the major field test (MFT) in mathematics at the conclusion of the course. Prereq: MATH 485.

## **COMPUTER SCIENCE**

### **COSC 107 Introduction to Computer Science (4)**

Exploration of the foundations of computing as a science, including how computing represents the effective merger of science, mathematics, and engineering. Incorporates hands-on experience to illustrate how computers operate based on simple principles of logic and abstraction; demonstrates how to communicate with them via algorithms and use of a simple programming language; evaluates limitations; examines alternative computing paradigms; considers emerging technologies; contemplates major innovations such as the Internet, virtual reality, and intelligent systems; and surveys a variety of issues facing society. Not a computer literacy course. Prereqs: Basic computer literacy (familiarity with file/folder manipulation, word processing, and spreadsheet applications); mathematics background suitable for placement into Precalculus.

### **COSC 110 Introduction to Programming (4)**

Introduction to the fundamental techniques of programming as a foundation for more advanced study of computer science and as a tool for other disciplines. Includes introduction to object-oriented programming using Java. Focus on development of effective software engineering practice, emphasizing such principles as design, decomposition, encapsulation, procedural abstraction, testing, and software reuse. Topics include programming constructs, problem-solving strategies, the concept of an algorithm, recursion, fundamental data structures, and an introduction to machine representation, graphics, networking, and interactive development environments. Prereqs: Basic computer literacy (familiarity with file/folder manipulation, word processing, and spreadsheet applications); mathematics background suitable for placement into Precalculus.

### **COSC 200 Discrete Structures for Computer Science (4)**

Introduction to discrete mathematics as it is used in computer science, fostering logical methods of problem solving and thinking. Topics include functions, relations, sets, propositional and predicate logic, simple circuit logic, proof techniques, finite state machines, Turing machines, elementary formal language theory, graph theory, Boolean algebra, computability, complexity, elementary combinatorics, and discrete probability. Prereqs: Mathematical preparation sufficient to take calculus at the college level. Offered: Fall.

### **COSC 210 Data Structures and Algorithms (4)**

Extension of previously acquired foundational programming experiences, with particular emphasis on the use of data abstraction and object-oriented programming in the design and implementation of fundamental data structures and algorithms. Topics include recursion, basic data structures, efficiency, complexity, primary algorithms for searching, sorting, tree and graph manipulation, hashing, inheritance, and polymorphism. Includes significant programming experiences in a language such as Java. Prereqs: Grade of C or better in COSC 110; grade of C or better in COSC 200 desirable as prereq, but may be taken concurrently or with permission of the instructor.

### **COSC 305 Computer Organization and Architecture (4)**

Study of concepts of computer systems and computer architecture. Focus on fundamentals of logic design, organization and structure of the major hardware components of computers, and the mechanics of information transfer and control within a computer system. Includes lab experiences in assembler language programming and simulation of computer circuits, and investigation of different architectures (composition and connection of larger blocks) supporting parallel computing and data communications. Prereqs: COSC 200 and COSC 210, with grades of C or better. Offered: Fall.

### **COSC 306 Principles of Bioinformatics (4)**

Interdisciplinary biological and computational approach to science to gain new insights into complex living systems. Methods developed in this discipline address outstanding questions in medicine, behavior, health, pharmacy, genetics, the environment, and other biologically related areas. Co-listed as BIOL 306. Prereqs for all majors: BIOL 105, 110, or 203; or permission of the instructor. Additional prereqs for computer science majors: COSC 200 and COSC 210, with grades of C or better. Offered: Spring

### **COSC 315 Databases and Information Management (4)**

Study of underlying concepts and structures in the design and implementation of database management systems. Includes lab experiences, such as implementation of DBMS projects using commercially available software. Also covered: design, creation, and maintenance of data files, and implementation of several methods in high-level language(s): sorting and searching techniques, and how they relate to various data structures; design and construction of user interfaces; ethical issues involving security and privacy, and other issues related to the use of distributed databases. Prereqs: COSC 200 and COSC 210, with grades of C or better. Offered: Spring.

### **COSC 325 Languages and Theory (4)**

Study of the history of programming languages and styles; programming paradigms; language features supporting parallel and distributed computing; formal language theory, special purpose languages, automata, syntax, grammars, semantics, bindings, symbol tables, data types, scoping, parameter passing, abstract data types, computability and solvability, and complexity classes; design and implementation of (part of) a compiler; simulation of theoretical machines such as finite state automata; empirical comparisons of various algorithms and programming paradigms; and utility of interactive tools and environments. Prereqs: COSC 200, COSC 210, and MATH 240, with grades of C or better. Offered: Spring.

### **COSC 335 Operating Systems and Networking (4)**

Introduction to the fundamentals of operating systems, networking, and communications; in-depth treatment of operating systems and their interface with hardware, applications, and system user; contemporary social and professional issues, such as intellectual property, risks and liabilities, and system security in the context of operating systems design; data communications and transmission methods; wide- and local-area networks; and simulation of (parts of) an operating system and of network protocols. Prereqs: COSC 200 and COSC 210, with grades of C or better. Offered: Spring.

### **COSC 407 Advanced Bioinformatics (4)**

Advanced topics in bioinformatics including in-depth investigation of algorithms, innovative techniques, alternative paradigms, advanced database interaction, and algorithm implementation. Co-listed as BIOL 407. Prereqs: BIOL 203, BIOL 333, COSC 110, COSC 210; and BIOL 306 or COSC 306. Offered: Spring.

### **COSC 410 Computer Science Research/Internship (1-4)**

Research project or internship completed under the supervision of a faculty member, with results presented in a written paper or other appropriate document (e.g., user's manual, if the project involves software development). Cannot substitute for required courses in the computer science major. May be repeated for a total of eight credits. Prereqs: COSC 110, with a grade of C or better, and permission of the instructor, in response to written proposal submitted by the student.

### **COSC 420 Software Engineering (4)**

Examination of a range of topics integral to the design, implementation, and testing of a medium-scale software system, with practical experience of implementing such a project as a member of a programming team. Also includes material on professionalism and ethical responsibilities in software development and human-computer interaction. Prereqs: COSC 315, with a grade of C or better. Offered: Fall.

**COSC 460 Current Topics in Computing (4)**

In-depth exploration of a designated "topic of the year," providing a mechanism for study of important topics of current interest in the rapidly changing discipline of computer science. Includes research, simulation, and/or analysis of various approaches related to the topic(s) under study. Major emphasis on demonstration of maturity in use of various computer science tools in investigations. Such tools include programming, software development, research skills, communications skills, data structures, and algorithm analysis. Prereqs: Grades of C or better in at least one 300-level COSC course and MATH 240. Offered: Fall.

**COSC 470 Artificial Intelligence and Advanced Computing Strategies (4)**

Exploration of one of the ultimate computer science objectives: simulating intelligence in machines. Considers intelligent behavior in living beings, identifies problems confronting AI researchers, and explores a variety of approaches to the development of intelligent systems. Methodologies include traditional knowledge representation, search, and heuristic strategies, as well as alternative computational paradigms such as artificial neural networks. Cognitive behaviors in machines are modeled via computer simulation and robotics. Techniques presented draw on knowledge accumulated from a broad range of disciplines. Prereqs: Permission of the instructor. Computer science majors should have grades of C or better in at least one 300-level computer science course and should be proficient in Java or C++. A math background that includes calculus and advanced courses is helpful but not essential. Offered: Spring.

**COSC 495 Senior Seminar and Project (4)**

Capstone experience for computer science majors. Major emphasis on reviewing the entire range of topics studied within the curriculum and providing individual students an opportunity to accomplish a significant research or software development project. Students give both oral and written presentations of their projects and are required to take the Major Field Test (MFT) exam. Topic, scope, and (if appropriate) software to be used in the project must be approved in advance by the professor(s). Prereqs: Grades of C or better in one 400-level and two 300-level COSC courses and MATH 240. Offered: Spring.

# Philosophy

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**Faculty**

Dennis L. Sansom, Chair, Professor  
B. Keith Putt, Professor  
Wilton H. Bunch, Professor of Ethics

## Undergraduate Programs and Requirements

**Majors**

Philosophy  
Philosophy and Religion

**Minor**

Philosophy

The Department of Philosophy offers a major in philosophy, plus a major combining philosophy and religion. Both majors earn the bachelor of arts degree. The department also offers a minor in philosophy.

**University Core Curriculum and General Education Requirements**

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. A philosophy major or minor can use either PHIL 241 (Introduction to Philosophy) or PHIL/RELG 200 (Christian Ethics) to satisfy the general education humanities requirement or the requirements for a major or minor in philosophy, but not both requirements.

**Philosophy Major**

Students majoring in philosophy can take no more than two courses offered by the Birmingham Area Consortium of Higher Education (BACHE), i.e., University of Alabama at Birmingham, University of Montevallo, Birmingham-Southern College, or Miles College, after consultation with his/her advisor at Samford.

PHIL 301 (History of Philosophy: Ancient and Medieval) also counts toward a classics major. PHIL 301 or PHIL 302 (History of Philosophy: Modern and Contemporary) count towards a political science major. PHIL 311 (Philosophy of Religion) counts towards a religion major. PHIL 301, PHIL 302, and PHIL 351 (Logic) count towards the pre-law program.

<b>Philosophy Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Philosophy Major:</b>		<b>36</b>
<b>Philosophy Core</b>		<b>24</b>
PHIL 301 History of Philosophy: Ancient/Medieval	4	
PHIL 302 History of Philosophy: Modern/Contemp	4	
PHIL 314 Philosophical Ethics	4	
PHIL 328 Metaphysics	4	
PHIL 351 Logic	4	
PHIL 498 Senior Seminar	4	
<b>Philosophy/Political Science Electives (select at least four courses)</b>		<b>12</b>
PHIL 200 Christian Ethics	4	
PHIL 241 Introduction to Philosophy	4	
PHIL 311 Philosophy of Religion	4	
PHIL 321 Existentialism	4	
PHIL 491, 492, 493 or 494 Readings in Philosophy	1,2,3 or 4	
POLS 315 Topics in Political Theory	4	
<b>General Electives</b>		<b>28-40</b>
<b>Total Required Credits</b>		<b>128</b>

## Philosophy and Religion Major

Philosophy and Religion Major Required Courses		Course Credits	Total Required Credits
University Core Curriculum			22
General Education Requirements			30-42
Philosophy & Religion Major:			36
Philosophy Core			16
PHIL 301	History of Philosophy: Ancient/Medieval	4	
PHIL 302	History of Philosophy: Modern/Contemp	4	
PHIL 311	Philosophy of Religion <i>or</i>	4	
PHIL 328	Metaphysics		
PHIL 351	Logic	4	
Philosophy Elective			4
Religion			16
RELG 200	Christian Ethics	4	
RELG 201	Introduction to World Religions <i>or</i>	4	
RELG 300	Rituals and Myths in World Religions		
RELG 351	Contemporary Theology	4	
RELG/PHIL 498	Senior Seminar	4	
General Electives			28-40
Total Required Credits			128

## Philosophy Minor

Philosophy Minor Required Courses		Course Credits	Total Required Credits
Philosophy Core			8
PHIL 301	History of Philosophy: Ancient/Med <i>or</i>	4	
PHIL 302	History of Philosophy: Modern/Contemp		
PHIL 351	Logic	4	
Philosophy Electives*			12
Total Required Credits			20

\*Students may also take POLS 315.

## Courses

### PHIL 200 Christian Ethics (4)

Examination of contemporary social-ethical issues in light of Christian ethical principles, derived from scripture, church history, and the history of philosophy. Co-listed as RELG 200. Offered: Fall.

### PHIL 241 Introduction to Philosophy (4)

Examination of perennial questions and problems of life that have inspired philosophical investigation over the past 2,500 years.

### PHIL 301 History of Philosophy: Ancient and Medieval (4)

Survey and examination of salient and influential ideas and representatives of the history of philosophy from pre-Socratic philosophers through the medieval period, presenting the significance and historical context of philosophical concerns. Offered: Fall.

### PHIL 302 History of Philosophy: Modern and Contemporary (4)

Survey and examination of salient and influential ideas and representatives of the history of philosophy from the 17th century to the present, including the significance and historical context of philosophical concerns. Offered: Spring.

### PHIL 311 Philosophy of Religion (4)

Investigation of philosophical issues in religious thought, including such issues as proofs and disproofs of God's existence, the meaning of religious language, truth-claims in different religions, and related matters. Co-listed as RELG 311. Offered: Fall, on rotation.

### PHIL 314 Philosophical Ethics (4)

Exploration of fundamental bases of morality by presenting and examining the salient features of virtue, duty, utilitarian ethics, and Divine Command ethics. Offered: Fall, on rotation.

### PHIL 321 Existentialism (4)

Introduction to philosophical, theological, and literary aspects of such themes as human existence, anxiety, the individual in society, dread, and other issues. Offered: Spring, on rotation.

### PHIL 328 Metaphysics (4)

Introduction to and examination of the philosophical study of the nature of reality, time, personal identity, consciousness, freedom, and other related issues. Offered: Spring, on rotation.

### PHIL 330 Medical Ethics (4)

Introduction to the ethical issues in health care, medical research, and public policy, with ethical analyses of such issues as euthanasia, physician-assisted suicide, embryonic stem cell therapies, medical research on patients, abortion, in vitro fertilization, cloning, and the natural and civil rights to health care. Offered: Spring, on rotation.

### PHIL 351 Logic (4)

Introduction to basic principles of correct reasoning, presenting criteria for sound, informal arguments and valid, deductive arguments. Offered: Spring.

### PHIL 491, 492, 493, and 494 Readings in Philosophy (1, 2, 3, and 4, respectively)

Offered: As needed.

### PHIL 498 Seminar (4)

Correlation of the various studies within the philosophy major, focusing on a senior assessment paper or subject. Offered: Spring.



# Physics

## Faculty

John T. Tarvin, Chair, Professor  
Henry W. Glotfelty, Professor

## Undergraduate Programs and Requirements

### Majors

Engineering Physics  
Physics  
Dual-Degree Engineering Program

### Minor

Physics

The Department of Physics offers two majors: physics (leading to a bachelor of science or bachelor of arts degree) and engineering physics (leading to a bachelor of science degree).

The department also offers a dual-degree engineering program in conjunction with the Department of Mathematics and Computer Science and the engineering schools of several regional universities. The five-year program leads to two degrees: a bachelor of science degree from Samford with a major in physics or mathematics, and a bachelor of engineering degree from the participating university. (See the Undergraduate Dual-Degree Engineering Program section below for more details.)

To obtain a major in physics, engineering physics, or through the dual degree program, students must maintain a minimum GPA of 2.50 in mathematics and physics courses. Additionally, to receive a bachelor of science degree in physics, but not through the dual degree program, students must complete a senior thesis. See the department chair for details.

The department also offers a minor in physics.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. For a major or minor in physics or a major in engineering physics, the general education mathematics requirement is satisfied by MATH 240 (Calculus I). For a major in physics or engineering physics, the general education natural and computational sciences requirement is satisfied by CHEM 205 (Foundations of Chemistry), with its associated laboratory CHEM 206, and PHYS 203 (Physics I). Physics and engineering physics majors cannot use COSC 107 (Introduction to Computer Science) to fulfill this requirement.

## Undergraduate Dual-Degree Engineering Program

The Department of Physics and the Department of Mathematics and Computer Science offer a dual-degree engineering program jointly with the following universities: University of Alabama at Birmingham, Auburn University, and Mercer University (Georgia). The five-year program leads to two degrees: a bachelor of science degree from Samford with a major in physics or mathematics, and a bachelor of engineering degree from the participating university.

Students in this five-year program will first pursue a three-year general curriculum at Samford, followed by a two-year general technical curriculum at one of the participating engineering schools. Students apply to the engineering school during their third year at Samford. Applications must include a letter of recommendation from the chair of the physics department or from the chair of the mathematics and computer science department (depending on the track selected), as well as documentation that the candidate will complete the required coursework at Samford. Candidates must satisfy the admission requirements for the participating engineering school, and should contact the school well in advance of application. The program consists of 96-108 credits at Samford (depending on placement in world languages). Both departments have checklists available for this program: one for the physics track and one for the mathematics track. Please see either department chair for further information.

## Physics Major (Bachelor of Science)

Physics Major (BS) Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>32-44</b>
<b>Natural and Computational Sciences</b>		<b>10</b>
CHEM 205 Foundations of Chemistry	4	
CHEM 206 Foundations of Chemistry Laboratory	1	
PHYS 203 Physics I	5	
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics</b>		<b>4</b>
MATH 240 Calculus I	4	
<b>World Languages</b>		<b>4-16</b>
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Physics Major (Bachelor of Science):</b>		<b>62-65</b>
<b>Physics Core</b>		<b>25</b>
PHYS 203 Physics I (see Gen Ed-Nat/Comp above)	--	
PHYS 204 Physics II	5	
PHYS 310 Mechanics I	3	
PHYS 311 Mechanics I Laboratory	1	
PHYS 330 Electricity & Magnetism I	3	
PHYS 331 Electricity & Magnetism I Laboratory	1	
PHYS 350 Modern Physics I	3	
PHYS 351 Modern Physics I Laboratory	1	
PHYS 491 Seminar (complete four times)	4	
PHYS 499 Senior Thesis	4	
<b>Physics Electives</b> (select three upper-level courses [300 and above] with lab, if offered)		<b>9-12</b>
<b>Mathematics and Computer Science Core</b>		<b>16</b>
COSC 110 Introduction to Programming	4	
MATH 240 Calculus I (see Gen Ed-Math above)	--	
MATH 260 Calculus II	4	
MATH 270 Calculus III	4	
MATH 330 Differential Equations	4	
<b>Mathematics and Computer Science Electives</b> (select at least three)		<b>12</b>
MATH 280 Intro to Advanced Mathematics*	4	
MATH 320 Numerical Analysis	4	
MATH 340 Linear Algebra	4	
MATH 350 Vector Calculus	4	
MATH 360 Complex Variables	4	
<b>General Electives</b>		<b>0-12</b>
<b>Total Required Credits</b>		<b>128-131</b>

\* COSC 200 (Discrete Structures for Computer Science) may be used to fulfill this requirement.

## Physics Minor

Physics Minor Required Courses	Course Credits	Total Required Credits
<b>Physics Core</b>		<b>10</b>
PHYS 203 Physics I*	5	
PHYS 204 Physics II	5	
<b>Physics Electives</b> (Select three upper-level courses [300 and above] with lab, if offered)		<b>9-12</b>
<b>Total Required Credits</b>		<b>19-22</b>

\* PHYS 203 may also satisfy the general education natural and computational science requirement.

**Engineering Physics Major (Bachelor of Science)**

Engineering Physics Major (BS) Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>32-44</b>
<b>Natural and Computational Sciences</b>		<b>10</b>
CHEM 205 Foundations of Chemistry	4	
CHEM 206 Foundations of Chemistry Laboratory	1	
PHYS 203 Physics I	5	
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics</b>		<b>4</b>
MATH 240 Calculus I	4	
<b>World Languages</b>		<b>4-16</b>
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Engineering Physics Major:</b>		<b>65-69</b>
<b>Physics Core</b>		<b>21</b>
PHYS 203 Physics I (see Gen Ed-Nat/Comp above)	--	
PHYS 204 Physics II	5	
PHYS 310 Mechanics I	3	
PHYS 311 Mechanics I Laboratory	1	
PHYS 330 Electricity & Magnetism I	3	
PHYS 331 Electricity & Magnetism I Laboratory	1	
PHYS 350 Modern Physics I	3	
PHYS 351 Modern Physics I Laboratory	1	1
PHYS 491 Seminar (complete four times)	4	
<b>Physics Electives</b> (Select four upper-level courses [300 and above] with lab, if offered. Note that these courses can alternately be upper-level engineering courses taken at other schools. See department chair for details.)		<b>12-16</b>
<b>Mathematics and Computer Science Core</b>		<b>16</b>
COSC 110 Introduction to Programming	4	
MATH 240 Calculus I (see Gen Ed-Math above)	--	
MATH 260 Calculus II	4	
MATH 270 Calculus III	4	
MATH 330 Differential Equations	4	
<b>Mathematics and Computer Science Electives</b> (select at least four)		<b>16</b>
COSC 200 Discrete Structure for Computer Science*	4	
COSC 210 Data Structures & Algorithms	4	
MATH 320 Numerical Analysis	4	
MATH 340 Linear Algebra	4	
MATH 350 Vector Calculus	4	
MATH 360 Complex Variables	4	
<b>General Electives</b>		<b>0-9</b>
<b>Total Required Credits</b>		<b>128-135</b>

\*MATH 280 (Intro to Advanced Mathematics) may be used to fulfill this requirement.

**Physics Major (Bachelor of Arts)**

Physics Major (BA) Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>32-44</b>
<b>Natural and Computational Sciences</b>		<b>10</b>
CHEM 205 Foundations of Chemistry	4	
CHEM 206 Foundations of Chemistry Laboratory	1	
PHYS 203 Physics I	5	
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics</b>		<b>4</b>
MATH 240 Calculus I	4	
<b>World Languages</b>		<b>4-16</b>
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Physics Major (Bachelor of Arts):</b>		<b>40-41</b>
<b>Physics Core</b>		<b>21</b>
PHYS 203 Physics I (see Gen Ed-Nat/Comp above)	--	
PHYS 204 Physics II	5	
PHYS 310 Mechanics I	3	
PHYS 311 Mechanics I Laboratory	1	
PHYS 330 Electricity & Magnetism I	3	
PHYS 331 Electricity & Magnetism I Laboratory	1	
PHYS 350 Modern Physics I	3	
PHYS 351 Modern Physics I Laboratory	1	
PHYS 491 Seminar (complete four times)	4	
<b>Physics Electives</b> (select one upper-level course [300 and above] with lab, if offered)		<b>3-4</b>
<b>Mathematics and Computer Science</b>		<b>16</b>
COSC 110 Introduction to Programming	4	
MATH 240 Calculus I (see Gen Ed-Math above)	--	
MATH 260 Calculus II	4	
MATH 270 Calculus III	4	
MATH 330 Differential Equations	4	
<b>General Electives</b> (must be 300/400 level)*		<b>21-34</b>
<b>Total Required Credits</b>		<b>128</b>

\*General Electives in this program must be upper-level (300-499) in order to meet Samford's graduation requirement of 40 upper-level credits.

NOTE: Pre-Professional (i.e., Pre-Medicine, Pre-Dentistry, Pre-Optometry or Pre-Veterinary Medicine) must satisfy the requirements of a physics major, bachelor of arts degree. The bachelor of science degree designation can be obtained by a student if a commensurate number of science courses are completed in other departments in order to fulfill the pre-professional degree plan. In order to obtain this designation a candidate must obtain the approval of the physics department chair.

## Courses

### IDSC 201 Scientific Methods (4)

Scientific approach to understanding the physical universe through an investigation of representative topics in physics, chemistry, and biology, paying particular attention to the sources of scientific information both for scientists and society. Interdisciplinary course taught by faculty in biology, chemistry, and physics. Meets general education requirement for natural and computational science. LEC 4. Prereq: Grade of C- or better in UCCA 102.

### PHYS 100 Physics for Society (2)

Conceptual survey of all fields of physics, including modern developments, with an emphasis on the explanation of everyday physical phenomena. Not applicable to a major or minor in physics; closed to those who have had PHYS 101 or PHYS 203. Includes laboratory. Prereq: High school algebra. Offered: Most Jan Terms and summers.

### PHYS 101 and 102 General Physics I-II (4 each course)

Study of Newtonian mechanics, heat, light, sound, electricity, magnetism, and relativity. Includes laboratory. Prereq for PHYS 101: Thorough understanding of algebra at the high school level. Prereq for PHYS 102: PHYS 101; elementary knowledge of trigonometry desirable though not required. Offered: Fall and Summer I (101); Spring and Summer 2 (102).

### PHYS 150 Introduction to Astronomy (4)

Survey of the solar system, stars, and galaxies. Includes laboratory. Offered: Fall, Spring, and some summers.

### PHYS 203 and 204 Physics I-II (5 each course)

Study of Newtonian mechanics, heat, light, sound, electricity, magnetism, and relativity using calculus. Includes laboratory.

Co-req for PHYS 203: MATH 240

Co-req for PHYS 204: MATH 260. Prereq for PHYS 204: PHYS 203.

Offered: Fall (203); Spring (204).

### PHYS 206 Sound and Music (4)

Study of physical principles of production, transmission, and reception of sound. Course cannot count towards a physics major or minor. Includes laboratory. Prereq: High school algebra. Offered: See department chair.

### PHYS 310 Mechanics I (3)

Study of classical mechanics, including motion of planets and comets about the sun, using vector calculus. Includes study of the methods of Lagrange and Hamilton. Prereq: PHYS 101 or PHYS 203, and MATH 270. Co-req: PHYS 311. Offered: Fall, on rotation.

### PHYS 311 Mechanics I Laboratory (1)

Laboratory companion course to PHYS 310. Co-req: PHYS 310. Offered: Fall, on rotation.

### PHYS 330 Electricity and Magnetism I (3)

Study of electromagnetic interaction, featuring Maxwell's equations. Prereq: MATH 270 and either PHYS 203 and 204, or PHYS 101 and 102. Co-req: PHYS 331. Offered: Fall, on rotation.

### PHYS 331 Electricity and Magnetism I Laboratory (1)

Laboratory companion course to PHYS 330. Co-req: PHYS 330. Offered: Fall, on rotation.

### PHYS 334 Electronics (4)

Introduction to modern electronics. Includes laboratory. Prereq: PHYS 203 and 204 or PHYS 101 and 102. Offered: See department chair.

### PHYS 340 Optics (3)

Introduction to optics. Prereq: PHYS 203 and 204 or PHYS 101 and 102; and MATH 260. Co-req: PHYS 341. Offered: Spring, on rotation.

### PHYS 341 Optics Laboratory (1)

Laboratory companion course to PHYS 340. Co-req: PHYS 340. Offered: Spring, on rotation.

### PHYS 350 Modern Physics I (3)

Study of x-rays, atomic and nuclear physics, radioactivity, relativity, and quantum mechanics. Prereq: PHYS 203 and 204, or PHYS 101 and 102. Co-req: PHYS 351 and MATH 260. Offered: Spring, on rotation.

### PHYS 351 Modern Physics I Laboratory (1)

Laboratory companion course to PHYS 350. Co-req: PHYS 350. Offered: Spring, on rotation.

### PHYS 360 Modern Physics II (3)

Continued study of quantum mechanics from Modern Physics. Includes applications of quantum mechanics to atomic, nuclear, solid-state, and laser physics. Prereq: PHYS 350. Offered: Fall, on rotation.

### PHYS 410 Mechanics II (3)

Continuation of PHYS 310 (Mechanics I). Prereq: PHYS 310 and MATH 330. Offered: See department chair.

### PHYS 420 Thermal Physics (3)

Study of theories and concepts of thermodynamics, kinetic theory, and statistical mechanics, including Maxwell-Boltzmann, Bose-Einstein, and Fermi-Dirac statistics. Prereq: PHYS 203 and 204, or PHYS 101 and 102; and MATH 260. Offered: Spring, on rotation.

### PHYS 430 Electricity and Magnetism II (3)

Continuation of PHYS 330 (Electricity and Magnetism I). Prereq: MATH 270 and PHYS 330. Offered: See department chair.

### PHYS 454 Quantum Mechanics (3)

Study of the formulations of Schroedinger, Heisenberg, and Dirac. Includes applications to atomic and nuclear physics. Prereq: PHYS 360 and MATH 270 or permission of the department chair. Offered: See department chair.

Note on Special Problems courses: A maximum of five credits total for PHYS 461 through PHYS 481, inclusive, may count toward graduation requirements.

### PHYS 461 Special Problems (1)

Intended primarily for juniors and seniors in the physical sciences and mathematics. Prereq: Permission of the department chair.

### PHYS 471 Special Problems (2)

Prereq: Permission of the department chair.

### PHYS 481 Special Problems (3)

Prereq: Permission of the department chair.

### PHYS 491 Seminar (1)

Can be repeated up to six times for credit. Prereq: Permission of the department chair.

### PHYS 499 Senior Thesis (4)

Capstone course and advanced research experience leading to a significant senior thesis in physics. Each student is required to design, conduct, analyze, write up, and present an original research project under the supervision of a faculty member. Experimental, theoretical, or computational physics topics are acceptable. Prereqs: Physics majors with senior standing and permission of the department chair. Offered: Fall and Spring.

# Political Science

## Faculty

Frederick M. Shepherd, Chair, Professor  
 William P. Collins, Professor  
 Randolph C. Horn, Associate Professor  
 Andrew Konitzer, Associate Professor

## Undergraduate Programs and Requirements

### Major

Political Science

### Minors

Political Science  
 Latin American Studies\*

### Interdisciplinary Concentrations

International Relations  
 Public Administration  
 Latin American Studies\*

The Department of Political Science offers a major in political science and interdisciplinary concentrations in international relations and public administration, each of which earns the bachelor of arts degree.

The department also offers a minor in political science.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. Political science majors cannot use POLS 200 (Introduction to Political Science) for the general education social science requirement.

\*See the World Languages and Cultures section for details on the Latin American studies minor and interdisciplinary concentration.

### Political Science Major

Political Science Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Political Science Major:</b>		<b>40</b>
<b>I. Foundation Courses</b>		<b>12</b>
POLS 200 Introduction to Political Science	4	
POLS 205 Introduction to American Politics	4	
POLS 301 Methods & Practice of Political Science	4	
<b>II. Upper-Level Courses in Special Field (select three)</b>		<b>12</b>
Select Special Field from the following subfields: World Politics, American Politics, or Political Theory. Upper-level courses may be designated in one or more Special Fields; this information is included at the end of each course description.		
<b>III. Upper-Level Courses outside Special Field</b>		<b>8</b>
Select one course each in two subfields other than the student's Special Field. These courses must be taught by political science faculty.		
<b>IV. Upper-Level Elective</b>		<b>4</b>
Select one upper-level course in any subfield.		
<b>V. Capstone</b>		<b>4</b>
POLS 465 Senior Seminar	4	
<b>General Electives</b>		<b>24-36</b>
<b>Total Required Credits</b>		<b>128</b>

### Public Administration Interdisciplinary Concentration

Public administration, an interdisciplinary concentration offered in cooperation with the Brock School of Business, combines knowledge and experience from the worlds of politics and business. It includes a mandatory political science internship. As the table below demonstrates, it provides students with a broad array of courses from the political science department and the Brock School of Business.

Public Administration Interdisciplinary Concentration Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Public Administration Interdisciplinary Concentration:</b>		<b>43-47</b>
<b>Political Science Core</b>		<b>12-16</b>
POLS 205 Introduction to American Politics	4	
POLS 316 Public Administration	4	
POLS 460 Internship (pass/fail)	4-8	
<b>Political Science Electives (Select three 300/400-level courses.)</b>		<b>12</b>
<b>Business*</b>		<b>19</b>
ECON 201 Principles of Macroeconomics	4	
ECON 202 Principles of Microeconomics	3	
ACCT 211 Accounting Concepts I	3	
BUSA 252 Legal Environment of Business	3	
MNGT 303 Principles of Management	3	
BUSA 454 Business Law	3	
<b>General Electives</b>		<b>17-33</b>
<b>Total Required Credits</b>		<b>128</b>

\*Students must complete their college math requirements before beginning the sequence of business courses, and must complete their 200-level business courses before registering for upper-level business courses.

### Political Science Minor

Political Science Minor Required Courses	Course Credits	Total Required Credits
<b>Political Science Core</b>		<b>8</b>
POLS 200 Introduction to Political Science	4	
POLS 205 Introduction to American Politics	4	
<b>Upper-Level Courses in Special Field (Select three upper-level courses, one in each of the subfields below.)</b>		<b>12</b>
American Politics	4	
Political Theory	4	
World Politics	4	
<b>Total Required Credits</b>		<b>20</b>

**International Relations Interdisciplinary Concentration**

International relations is an interdisciplinary concentration based in the Department of Political Science, drawing on courses offered in numerous departments across campus. It has a required set of courses in the disciplines of political science, history, world languages, and economics. Beyond the required courses, students are offered the flexibility of pursuing either an Analytical or Culture and Region Track, which allows students to take courses in a wide variety of disciplines.

**International Relations Interdisciplinary Concentration**

<b>International Relations Interdisciplinary Concentration Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>IREL Interdisciplinary Concentration:</b>		<b>57-60</b>
<b>International Relations Core</b>		<b>36</b>
<b>Political Science</b>		
POLS 310 U.S. Foreign Policy	4	
POLS 319 International Relations	4	
<b>History</b>		
HIST 200 The West in Global Perspective	4	
HIST 317 Nationalism*	4	
<b>Economics</b>		
ECON 201 Principles of Macroeconomics	4	
<b>World Languages</b>		
Two 4-credit courses at the 300-400 level	8	
<b>Methods and Capstone</b>		
POLS 301 Methods & Practice of Political Science**	4	
POLS 465 Senior Seminar in Political Science** (choose a section with international focus)	4	
<b>International Relations Tracks</b>		<b>21-24</b>
Choose one of two tracks--Analytical or Culture & Region--and complete four (4) courses from the primary track and two (2) courses from the secondary track. See the table at right for list of courses in each track.		
Primary Track (4 courses)	13-16	
Secondary Track (2 courses)	6-8	
<b>General Electives</b>		<b>4-19</b>
<b>Total Required Credits</b>		<b>128</b>

\* Students may choose an alternate upper-level history course if unable to enroll in HIST 317.

\*\* Students may, after consultation with international relations faculty, choose two alternate courses in a separate research-oriented track in history (HIST 300 & HIST 495), world languages, or economics/business.

**Analytical; Culture and Region Track Courses for the International Relations Interdisciplinary Concentration**

<b>International Relations Interdisciplinary Concentration Analytical; Culture &amp; Region Track Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Analytical Track Courses</b>		<b>13-16 or 6-8</b>
If primary track, complete four (4) courses (13-16 credits). OR If secondary track, complete two (2) courses (6-8 credits).		
ECON 202 Principles of Microeconomics	3	
ECON/POLS 394 International Studies in Economics	3	
ECON 420 International Economics	3	
POLS 313 International Organization	4	
POLS 332 Human Rights	4	
POLS 333 Genocide	4	
POLS 334 Terrorism	4	
POLS/HIST 348 Riots, Rebellion, and Revolution	4	
POLS 363 Politics of Developing Nations	4	
POLS 370 Women and World Politics	4	
POLS/ECON 410 Game Theory	4	
POLS 450 Law and the World	4	
POLS 452 After Authoritarianism	4	
POLS 453 The State	4	
<b>Culture and Region Track Courses</b>		<b>16 or 8</b>
If primary track, complete four (4) courses (16 credits). * OR If secondary track, complete two (2) courses (8 credits).		
GEOG/POLS 392 Geographies of Africa	4	
GEOG/HIST/POLS 395 Giants of Asia: China & India	4	
GEOG/POLS 397 Andes to Amazon: Latin America	4	
HIST 310 The Middle Ages	4	
HIST 313 Reformation Europe	4	
HIST 316 The Age of Revolutions	4	
HIST 322 Early Twentieth Century Europe	4	
HIST 323 Recent European History	4	
HIST 405 Native Americas: An Ethnohistorical Seminar	4	
HIST 421 Ancient Near East and Greece	4	
HIST 422 Roman Republic and Empire	4	
HIST 424 Early Modern England	4	
HIST 425 Modern England	4	
HIST 426 The Modern Middle East	4	
HIST 429 Old Russia	4	
HIST 431 Russia since 1861	4	
HIST 434 Folklore: Europe to America	4	
HIST 435 The Enlightenment	4	
HIST 438 Family, Sex, & Marriage in Modern England	4	
HIST 441 History of China to 1644	4	
HIST 442 History of China since 1644	4	
HIST 443 History of Modern Japan	4	
HIST 444 Asia's Response to the West	4	
HIST 456 Vietnam: An American Watershed	4	
HIST 461 Modern Latin America	4	
HIST 462 Modern Mexico	4	
HIST 463 Monsoon Asia: Survey of Cultural History	4	
HIST 464 Africa/Mideast: Survey of Cultural History	4	
HIST/POLS 479 Rise of the British State	4	
LAST 201 Introduction to Latin American Studies	4	
POLS 321 Post-Soviet Politics	4	
POLS 322 Latin American Politics	4	
POLS 323 African Politics	4	
POLS 351 European Politics	4	
RELG 201 Introduction to World Religions	4	
All language courses at the 300-400 level*	8	

\* Students choosing the Culture & Region Track as their primary track must complete two 4-credit language courses (at the 300-400 level) as part of the primary track requirement.

## Courses

### **POLS 200 Introduction to Political Science (4)**

Introduction to the field of political science. Focus on political communities and the way in which groups organize to form governments. This is done in reference to the concept of democracy and the way in which political communities either attain or fall short of the democratic ideal. Required of political science majors. Offered: Fall and Spring.

### **POLS 205 Introduction to American Politics (4)**

Survey of the structures and processes of the American political system with an emphasis on citizen participation. Required of political science majors. Offered: Fall and Spring.

### **POLS 301 Methods and Practice of Political Science (4)**

Introduction to political science methods and research tactics. Emphasis on integration of qualitative and quantitative analysis. Required of political science majors. Offered: Spring.

### **POLS 305 American National Government (4)**

Study of the political process in America, focusing on national political institutions. Subfield: American Politics.

### **POLS 310 U. S. Foreign Policy (4)**

Review of the development of the cardinal principles of American foreign policy, the changing role of the United States in international relations, and historic aspects of American diplomacy. Subfields: American Politics and World Politics.

### **POLS 312 State and Local Government (4)**

Study of the structure and functioning of various state and local governments. Subfield: American Politics.

### **POLS 313 International Organization (4)**

Explores the challenges to cooperation amongst state actors and the efforts of various international organizations to coordinate states' actions, regulate interstate political and economic relations, and minimize international conflict. Offered: Fall. Subfield: World Politics.

### **POLS 315 Topics in Political Theory (4)**

Intensive study of western political philosophy, presenting selected topics such as systems of thought (the classic Greeks, the democratic, the socialist) or time periods (medieval to Machiavellian, early modern to Rousseau, recent and contemporary). Four credits for each topic, maximum eight credits. Students may substitute PHIL 301 and 302 for 315. Subfield: Political Theory.

### **POLS 316 Public Administration (4)**

Overview of the scope and methods of public administration, emphasizing political aspects. Reviews the growth and development of public administration as a field of intellectual inquiry; considers the role of administration in the political process and in policy-making; and examines the political relationships of the administrative environment. Subfield: American Politics.

### **POLS 319 International Relations (4)**

Historical and analytical study of the U.S. and the international community since WWII, surveying the political, military, and economic struggles of the major powers and third-world nations. Subfields: Political Theory, World Politics.

### **POLS 321 Post-Soviet Politics (4)**

Covers the post-Soviet region in its diverse geographic, historical, cultural, economic, and political settings. Examines the problems of building nations and states, democratizing authoritarian regimes, reforming command economies, and responding to new security threats. Subfield: World Politics.

### **POLS 322 Latin American Politics (4)**

Examination of the politics of Latin America. Compares and contrasts nations from the Caribbean, and North, Central, and South America. Uses history and theory to understand larger forces at work in these regions, and focuses on specific cases and accounts to bring out the human drama of Latin America. Subfield: World Politics.

### **POLS 323 African Politics (4)**

Study of social, economic, and political dimensions of Africa from the nineteenth century to the present. Special focus on state-society relations. Subfield: World Politics.

### **POLS 325 The Constitution and the Federalist Papers (4)**

Review of the United States Constitution and the Federalist Papers as an introduction to the ideas these founding documents represent. Subfields: Political Theory, American Politics.

### **POLS 330 Classical Political Thought (4)**

Introduction to the most influential philosophical texts of the ancient world, with attention paid to the context of Greek cultural development. Subfield: Political Theory.

### **POLS 332 Human Rights (4)**

Explores the concept of human rights, defined as the rights which each human being, upon birth, automatically enjoys, regardless of the race, religion, political system, or gender into which he or she is born. Offered: Fall. Subfield: World Politics.

### **POLS 333 Genocide (4)**

Study of genocide, working toward an understanding of what might seem impossible to understand: why people and institutions have attempted to exterminate a distinct racial, cultural or ethnic group; the conditions which give rise to these efforts; and the extent to which the world is becoming more or less hospitable to genocide. Subfield: World Politics.

### **POLS 334 Terrorism (4)**

Examination of the theories, literature, and policies of terrorism and counterterrorism in order to understand better the contemporary terrorist's motivations and strategy. Subfield: World Politics.

### **POLS 335 Medieval and Christian Political Theory (4)**

Close reading of original texts with a view to gaining insight into the medieval approach to learning. Focus on Thomas Aquinas' view of Natural Law. Themes of medieval political life are described in light of Thomas' union of classical and Christian themes. Subfield: Political Theory.

### **POLS 337 Elections and Political Participation (4)**

Study of electoral behavior and other forms of political participation, including questions about who votes and why, what influences voter choice, and whether changes in turnout influence policy. Subfield: American Politics.

### **POLS 340 Political Parties and Interest Groups (4)**

Examination of the historical development, current development, institutional ramifications, and central explanatory theories of the most pervasive conduits of mass political participation, political parties, and interest groups. Subfield: American Politics.

### **POLS 345 Modern Political Theory (4)**

Introduction to the major texts in modern political theory. Focus on interpretation of the most influential texts of the modern period, beginning with Machiavelli and concluding with Marx, with attention paid to the context of European cultural, economic, and political development. Subfield: Political Theory.

### **POLS 348 Riots, Rebellion, and Revolution (4)**

Comparison of the English, French, Russian, and Chinese Revolutions, with a goal of understanding the political factors involved in radical political change. Co-listed as HIST 348. Offered: Jan Term, on rotation. Subfield: Political Theory, World Politics.

**POLS 350 Impeachment (4)**

Study of impeachment procedures. Addresses issuing of articles of impeachment by the United States House of Representatives and trial by the United States Senate. Offered: Jan Term. Subfield: American Politics.

**POLS 351 European Politics (4)**

Descriptions of structure; analysis of functioning. Subfield: World Politics.

**POLS 355 Politics in Film (4)**

In-depth assessment of the treatment of political themes in film. Subfield: American Politics.

**POLS 360 Urban Geography: The North American City (4)**

Geographic perspective of the past, present, and future of the American city. Topics include the historic roots of cities, development of the U.S. urban system, transportation, and the shaping of cities; social, political, and economic dynamics of urban areas; urban growth, decline, and revitalization; suburbanization; and challenges facing cities in the twenty-first century. Co-listed as GEOG 360 and SOCI 360. Offered: Spring. Subfield: American Politics.

**POLS 363 Politics of Developing Nations (4)**

Study of the developing nations in Asia, Africa, and Latin America. Examination of their societies, the impact of European Colonialism, and their problems since independence. Subfield: World Politics.

**POLS 365 Women in U.S. Politics (4)**

Examination of how the U.S. Government's relationship to its female citizens has changed through the years and how important gender is in determining political attitudes and participation. Students encounter and assess competing perspectives on current issues in women's and gender politics. Subfield: American Politics.

**POLS 370 Women and World Politics (4)**

Investigation of contemporary women's issues in world politics, with emphasis on cultural politics, women and development, gender and war, and civil and human rights for women. Students may take this course for either political science or Christian women's leadership credit. Subfield: World Politics.

**POLS 390 Monarchs, Bishops, and Martyrs: The English Reformation (4)**

Study of historical and religious factors of the English Reformation. Course is taught in London with visits to historical sites. Co-listed as HIST 390 and RELG 390. Subfield: World Politics.

**POLS 392 Geographies of Africa (4)**

Presents a geographical exploration of Africa, focusing primarily on cultural issues. A broad range of topics will be investigated including: African stereotypes, environmental crises, social geographies of gender and religion, legacies of colonialism, and the impact of development policies throughout the region. Co-listed as GEOG 392. Offered: On rotation. Subfield: World Politics.

**POLS 394 International Studies in Economics (3)**

Cross-disciplinary introduction to the scope, causes, and consequences of poverty. Examination of the various measures of poverty as well as basic economic theory, explaining differences in income, wealth, and economic growth among regions. Emphasis on understanding poverty issues from a Biblical perspective. Course relies heavily on site visits to observe a wide variety of anti-poverty projects, including faith-based organizations and international nonprofit agencies. International travel required. Co-listed as ECON 394. Offered: Jan Term. Subfield: World Politics.

**POLS 395 Giants of Asia: China and India in the 21st Century (4)**

Focuses on exploring these two giant countries and understanding their emergence as important world powers in the 21st century. The course investigates the physical environment, history, culture, economy, and politics that help shape these two countries. Co-listed as GEOG 395 and HIST 395. Offered: Fall, on rotation. Subfield: World Politics.

**POLS 397 Andes to Amazon: Physical Landscapes of Latin America (4)**

Study of the geographical forces that influence the landscapes of Latin America and how they change over time. This course is organized by substantive topics rather than by country. Topics include regional specific plate tectonics, weather systems, oceanographic systems, and river systems. Co-listed with GEOG 397. Offered: Fall, on rotation. Subfield: World Politics.

**POLS 398 The Alabama Constitution: 100 Years of Controversy (4)**

Examination of the creation, structure, and interpretation of state constitutions. Special attention paid to the 1901 Alabama Constitution and issues surrounding the document as well as to current and past reform movements. Co-listed as HIST 398 and JMC 398. Subfield: American Politics.

**POLS 410 Game Theory (4)**

Elementary examination of the theory of games and strategic behavior with an emphasis on applications. Topics discussed include strategic form games, extensive form games, and games of asymmetric and incomplete information. Various equilibrium concepts also discussed. The course will apply game theoretic concepts to strategic behavior in the social sciences, particularly economics and political science, with applications ranging from cartel behavior to international diplomacy. Co-listed as ECON 410. Prereq: BUSA 130 or POLS 301. Offered: Fall, on rotation. Subfield: Political Theory, World Politics.

**POLS 417 Political Communication (4)**

Focuses on the relationship between media and politics by examining presidential speeches, social movements, and efforts to shape public opinion in the modern era. Co-listed as COMS 417. Offered: Spring. Subfield: : American Politics.

**POLS 435 Legislative Process (4)**

Study of state and national legislatures, their internal structures, constituents, and legislators. Subfield: American Politics.

**POLS 443 American Public Policy (4)**

Examination of the major political, social, economic, and technological forces influencing and shaping the nature, content, and outcomes of public policy in the United States. Subfield: American Politics.

**POLS 444 Introduction to Jurisprudence (4)**

Introduction to standard approaches to jurisprudence and their various applications to the legal and political world. Offered: Spring. Subfield: Political Theory, American Politics.

**POLS 445 Constitutional History of the United States (4)**

Review of the development of the basic concepts of American constitutional law. Co-listed as HIST 445. Subfield: Political Theory, American Politics.

**POLS 447 The Development of American Law (4)**

Review of the development of American Law. Co-listed as HIST 447. Subfield: American Politics.

**POLS 450 Law and the World (4)**

Introduction to the complex issues involved in comparing the various legal systems around the world. Subfield: World Politics.

**POLS 452 After Authoritarianism (4)**

Explores the sources of authoritarian regime collapse and the subsequent development of new political institutions in the direction of democracy or some new form of authoritarianism. Case studies of different post-authoritarian regimes provide the empirical bases for the course. Offered: Fall. Subfield: World Politics.

**POLS 453 The State (4)**

Explores the origins of the modern state and different theoretical perspectives on the role of the state in society and the international system. Also includes contemporary challenges to state sovereignty and the phenomenon of "failed states" in the international system. Offered: Fall. Subfield: World Politics, Political Theory.

### **POLS 460 Internship (2-4)**

Student internships in local, state, national, and international offices and agencies under supervision of the instructor. Variable credit; can be taken more than once for maximum of eight credits. Grading is pass/fail only.

### **POLS 461 Research and Writing (4)**

Study of methods and techniques used in various aspects of political science, including bibliography, primary and secondary sources, statistics, computerized materials, etc.

### **POLS 462 International Studies (4)**

Independently arranged study from a first-hand, on-site perspective of an international organization, foreign country or countries, or direct involvement in an international study program in the United States. Prereq: Permission of the department chair. Subfield: World Politics.

### **POLS 465 Senior Seminar in Political Science (4)**

Capstone course for political science and international relations majors in research and methodology of those fields. Required of political science majors. Offered: Fall.

### **POLS 479 Rise of the British State (4)**

Examination of the emergence of the national government in Britain over the last 500 years through the lens of government's growing impact on citizens' daily life. Co-listed as HIST 479. Offered: Jan Term, in London. Subfield: World Politics.

### **POLS 499 Special Topics in Political Science (4)**

Unique, one-time courses offered either by visiting professors or as experimental advanced courses by members of the department.

# Psychology

## Faculty

Stephen L. Chew, Chair, Professor  
Jacqueline Goldstein, Professor  
A. Sandra Willis, Professor  
Jack W. Berry, Assistant Professor

## Undergraduate Programs and Requirements

### Major

Psychology

### Minor

Psychology

The Department of Psychology offers a major in psychology leading to a bachelor of arts degree. The department also offers a minor in psychology. Students are required to take at least half of their psychology courses at Samford to earn a major or minor in psychology.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. For psychology majors, the following exceptions and recommendations to the general education requirements apply:

Natural/Computational Sciences: BIOL 110 (Human Biology) or BIOL 105 (General Biology) is recommended, especially for students planning to take PSYC 308 (Physiological Psychology). However, neither biology course is a prerequisite for PSYC 308.

Social Sciences: PSYC 101 (General Psychology) cannot be used to fulfill the general education social science requirement. It must be fulfilled with a course from a social science field other than psychology.

Mathematics: Students who need a course to fulfill the general education mathematics requirement are strongly encouraged to take MATH 210 (Elementary Statistics). MATH 210 is a prerequisite for PSYC 305 (Statistics for the Social Sciences). Students with a strong high school algebra background should be able to take MATH 210 for their mathematics requirement. Students with weaker math backgrounds should consult with their advisor before taking a general education mathematics course. Students who have already completed their general education mathematics requirement with a course other than MATH 210, or who are required by another program to fulfill their mathematics requirement with a course other than MATH 210, are not required to take MATH 210 in addition to the mathematics course they have already taken. For students who have demonstrated strong college-level math skills, for example, successfully completing MATH 240 (Calculus I) or successfully completing one of the other general education mathematics courses with a good grade, the prerequisite of MATH 210 for PSYC 305 may be waived by permission of the instructor.

### Psychology Major

Courses should be selected in consultation with an advisor and in accordance to students' interests and career goals. The psychology major does not require a minor in any other discipline; however, students are encouraged to select a minor or a concentration of courses that will complement their interests, and educational and career goals.

Students typically take PSYC 305 (Statistics for the Social Sciences) and PSYC 306 (Research Methods) as a sequence during their junior year.

Students who take both PSYC 205 (Life-Span Development) and PSYC 210 (Child and Adolescent Psychology) may count only one of them toward the major or minor.

Students who intend to pursue graduate study and a career in psychology or a related area should take PSYC 301 (Internship) and/or PSYC 401 (Journal Seminar). These courses will help students to explore career options, gain pre-professional experience, and prepare for graduate work. PSYC 301 and PSYC 401 may be taken on a pass/fail basis only and will not count toward the major or minor. Students may take PSYC 401 more than once for credit. Students may take PSYC 301 up to two times for credit, as long as the internship placements differ.



Students may take PSYC 411 (Special Topics in Psychology) more than once if the topics are different and with permission of the department chair.

Elective courses are not offered on a regular basis but are taught as student interest dictates and faculty resources allow.

## Psychology Major

Psychology Major Required Courses	Course Credits	Total Required Credits
University Core Curriculum		22
General Education Requirements		30-42
<b>Psychology Major:</b>		<b>40</b>
<b>I. Fundamental Knowledge and Skills</b>		<b>12</b>
PSYC 101 General Psychology	4	
PSYC 305 Statistics for the Social Sciences	4	
PSYC 306 Research Methods	4	
<b>II. Human Development and Interaction</b> (select two courses)		<b>8</b>
PSYC 205 Life-Span Development	4	
PSYC 215 Abnormal Psychology	4	
PSYC 304 Social Psychology	4	
<b>III. Experimental Psychology</b> (select two courses)		<b>8</b>
PSYC 308 Physiological Psychology	4	
PSYC 408 Theories of Learning	4	
PSYC 409 Cognitive Psychology	4	
<b>IV. Electives*</b> (select two courses)		<b>8</b>
PSYC 203 Psychology of Adjustment	4	
PSYC 210 Child and Adolescent Psychology	4	
PSYC 220 Theories of Personality	4	
PSYC 310 Applied Psychology	4	
PSYC 312 Drugs and Human Behavior	4	
PSYC 320 Health Psychology	4	
PSYC 324 Human Sexuality	4	
PSYC 402 History of Psychology	4	
PSYC 404 Approaches to Counseling & Psychotherapy	4	
PSYC 405 Measurement and Assessment	4	
PSYC 411 Special Topics in Psychology	2-4	
<b>V. Capstone Experience</b> (select one course)		<b>4</b>
PSYC 410 Directed Research	4	
PSYC 412 Senior Seminar	4	
<b>General Electives</b>		<b>24-36</b>
<b>Total Required Credits</b>		<b>128</b>

\*Any of the courses listed under Human Development and Interaction (II) and Experimental Psychology (III) not taken to fulfill a requirement may also count as electives with one restriction: only PSYC 205 or PSYC 210, but not both, may count towards the major or minor.

## Psychology Minor

Psychology Minor Required Courses	Course Credits	Total Required Credits
<b>Psychology Core</b>		<b>4</b>
PSYC 101 General Psychology	4	
<b>Psychology Electives</b> (Include two upper-level [300-400] courses.)		<b>20</b>
<b>Total Required Credits</b>		<b>24</b>

## Courses

### PSYC 101 General Psychology (4)

Comprehensive overview of the scientific study of behavior and mental processes. Topics include neuroscience, sensation and perception, learning, cognition, development, personality, behavior disorders, psychotherapy, and social psychology. This course is a prerequisite for all other courses in psychology. Psychology majors may not use this course to meet the general education social science requirement. Offered: Fall and Spring.

### PSYC 203 Psychology of Adjustment (4)

Study of adaptation to life and psychological growth. Includes analysis of adjustment to life stressors and attention to personal growth. Prereq: PSYC 101.

### PSYC 205 Life-Span Development (4)

Survey of the development of human thought and behavior from conception to death. Emphasis is placed on the physical, moral, social, emotional, and cognitive developmental tasks at each phase of the life span. Students who take both this course and PSYC 210 may count only one of them toward the major or minor. Prereq: PSYC 101. Offered: Fall and Spring.

### PSYC 210 Child and Adolescent Psychology (4)

Examination of psychological development from conception through adolescence. This course focuses on the various influences on development and on the characteristic social, cognitive, and perceptual functioning during the pre-adult life span. Students who take both this course and PSYC 205 may count only one of them toward the major or minor. Prereq: PSYC 101.

### PSYC 215 Abnormal Psychology (4)

Study of the symptomatology, etiology, epidemiology, and treatment of psychological disorders. Includes focus on current research and theory. Prereq: PSYC 101. Offered: Spring.

### PSYC 220 Theories of Personality (4)

Exploration of the theory and assessment of human personality. Examination of specific theoretical perspectives, including psychodynamic, trait, humanistic, and social learning perspectives. Prereq: PSYC 101.

### PSYC 301 Internship (2-4)

Observation and/or work with professionals in any approved setting where psychologists, or similarly trained professionals, are employed. An academic component complements the work experience. Students may take this course up to two times for credit, as long as internship placements differ. This course does not count toward the psychology major or minor. Grading is pass/fail only. Prereq: Twelve credits in psychology and permission of the instructor. Offered: Fall and Spring.

### PSYC 304 Social Psychology (4)

Examination of the influence of social context on an individual's thoughts and behavior. Topics covered include social perception and cognition, attribution, attitude formation, prejudice and discrimination, interpersonal attraction and relationships, social influence, prosocial behavior, and aggression. Research seeks to understand causes of social behavior and thought by scientific study of cognitive processes, biological factors, behavior and characteristics of others, culture, and physical environment. Prereq: Eight credits in psychology or permission of the instructor. Offered: Fall.

### PSYC 305 Statistics for the Social Sciences (4)

Acquisition of fundamental statistical skills for describing and analyzing data within the social sciences. Emphasis on the appropriate application of these methods for designing, conducting, and interpreting research. This course and PSYC 306 form a two-semester sequence on experimental design and methodology. Prereqs: Eight credits in psychology, completion of general education mathematics requirement, and either MATH 210 or permission of the instructor. Offered: Fall.

**PSYC 306 Research Methods (4)**

Study and implementation of all phases of psychological research. Includes literature searches, experimental design, data collection, and statistical analysis, as well as both written and oral presentations of psychological research. Prereq: Twelve credits in psychology and PSYC 305. Offered: Spring.

**PSYC 308 Physiological Psychology (4)**

Examination of the physiological basis of thought and behavior through a thorough study of the anatomy and physiology of the nervous system, particularly the processing of sensation and movement. Emphasis also placed on the neural mechanisms underlying behaviors related to sleep and rhythms, hunger and thirst, reproduction, learning, emotion, and mental illness. Prereq: Eight credits in psychology. Offered: Fall.

**PSYC 310 Applied Psychology (4)**

Overview of different ways in which psychological theory and research are applied to real world situations. Topics of study generally include business and industrial applications such as industrial/organizational psychology and human factors, community applications such as health and environmental psychology, and human development applications such as educational and sport psychology. Prereq: Eight credits in psychology.

**PSYC 312 Drugs and Human Behavior (4)**

Survey of factors related to both therapeutic and recreational use of psychoactive drugs. Physiological mechanisms as well as psychosocial and cultural issues are examined. Emphasis placed on using scientific research to separate myth from reality. Prereq: Eight credits in psychology.

**PSYC 320 Health Psychology (4)**

Examination of the effects of psychological factors on health and illness. Health psychology emerged as an interdisciplinary subfield of social psychology and medicine after it became apparent that the leading causes of death are chronic diseases closely related with individual behaviors and lifestyles. Research within this biopsychosocial approach helps to promote physical and mental health and to prevent and treat disease. Prereq: Eight credits in psychology. Offered: Fall.

**PSYC 324 Human Sexuality (4)**

Examination of human sexuality from multidisciplinary perspectives. Students study the biological, spiritual, psychosocial, and cultural dimensions of sexuality. This course is cross-listed with sociology, but may only be counted toward one major or minor. To count toward the psychology major or minor, students must register for the course as a psychology course or obtain permission from the department chair. Co-listed as SOCI 324. Prereq for psychology credit: PSYC 101.

**PSYC 401 Journal Seminar (1)**

Discussion and critical analysis of original research articles with faculty in a seminar format. Objectives include teaching students how to read and critique primary source articles in preparation for graduate-level work. This course may be taken more than once for credit, but does not count toward the psychology major or minor. Grading is pass/fail. Prereq: Twelve credits in psychology and permission of the instructor. Offered: Fall and Spring.

**PSYC 402 History of Psychology (4)**

Examination of the study of behavior from an historical perspective. Development of current systems of psychological thought is traced from the pre-Greeks through the major periods of history. Prereq: Twelve credits in psychology.

**PSYC 404 Approaches to Counseling and Psychotherapy (4)**

Exploration of theory and clinical applications of psychotherapy and treatment of psychological disorders. Includes an overview of counseling theories and application of these concepts as well as an exploration of professional issues in clinical practice. This course is intended for advanced psychology majors. Prereqs: Psychology major with upper-level standing, eight credits of upper-level psychology, PSYC 215, and permission of the instructor. Offered: Spring.

**PSYC 405 Measurement and Assessment (4)**

Study of the process of mental measurement and assessment of human characteristics and performance. Includes examination of test construction and processes to measure psychological adjustment and functioning, intelligence and educational achievement, personality, attitude, vocational interest, and occupational functioning. Psychometric research aims to improve validity of measures used in basic psychological research and applied in clinical, educational, and industrial/occupational settings. Prereqs: Twelve credits in psychology and PSYC 305.

**PSYC 408 Theories of Learning (4)**

Overview of the major theories of learning, with a focus on historical influences and current applications. Includes training and application of learning principles. Prereqs: Twelve credits in psychology. Offered: Fall.

**PSYC 409 Cognitive Psychology (4)**

Comprehensive introduction to the study of human thought processes such as learning, attention, encoding, remembering, and forgetting. Special topics such as language, imagery, artificial intelligence, cognitive neuroscience, problem solving and decision making are also considered. Prereq: Eight credits of upper-level psychology. Offered: Spring.

**PSYC 410 Directed Research (4)**

Senior capstone course that provides students with an individualized, advanced research experience. Under the supervisions of a faculty mentor, students review literature, design and conduct an original research project, and analyze data using computer statistical software. Students interpret and write up results within APA format and make an oral presentation of the study. Prereq: Psychology major or minor with senior standing and completion of PSYC 306, or permission of the instructor. Offered: Fall.

**PSYC 411 Special Topics in Psychology (2-4)**

Coverage of a particular topic in psychology that is not normally examined in depth in the regular course offerings. Designed to teach students about a special research interest of a faculty member or a newly emerging area of psychology. Topics vary with each instructor. This course may be taken more than once for credit, if topics are different, with permission of the department chair. Prereq: Junior standing and eight credits of upper-level psychology or permission of the instructor.

**PSYC 412 Senior Seminar (4)**

Senior capstone course in seminar format. Integration of theories and research presented in previous psychology courses, while providing opportunities to design and conduct an applied research study and to explore post-baccalaureate career and educational goals. Specific course content and format varies to remain topical and applicable to student and instructor interests. Students planning to graduate in December may take this course in the spring semester of their junior year. Prereq: Psychology major or minor with senior standing or permission of the instructor. Offered: Spring.

# Religion

## Faculty

Kenneth B.E. Roxburgh, Chair, S. Louis and Ann W. Armstrong Professor  
 Penny L. Marler, Professor  
 David R. Bains, Associate Professor  
 James R. Barnette, Associate Professor  
 T. Scott McGinnis, Associate Professor  
 Joseph F. Scrivner, Assistant Professor  
 James R. Strange, Assistant Professor

## Undergraduate Programs and Requirements

### Majors

Religion  
 Religion with a Concentration in Congregational Studies

### Minors

Ministry and Missions  
 Religion

The Department of Religion offers two majors: religion and, for students preparing for a career in ministry, religion with a concentration in congregational studies. Both majors earn the bachelor of arts degree. The department also offers two minors: one in religion and another in ministry and missions.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. Students cannot use RELG 200 (Christian Ethics), RELG 201 (Introduction to World Religions), or RELG 221 (Christian Theology) to count towards both the general education humanities requirement and the religion major or minor requirement.

### Congregational Studies Concentration

The department offers a concentration in congregational studies within the religion major for students preparing for a career in ministry. Students who intend to concentrate in congregational studies must choose at least one course in Area I, at least one course in Areas II and III, and three courses in Area IV. In addition, religion majors with a concentration in congregational studies have the option of completing RELG 499 (Senior Seminar in Congregational Ministry) instead of RELG 498 (Senior Seminar).

## Courses

### BIBLICAL LANGUAGES

#### HEBR 101 Elementary Hebrew I (4)

Introduction to the vocabulary, grammar, and syntax of Biblical Hebrew, the language of the Old Testament, enabling students to translate Hebrew prose and simple poetry with the help of a standard Hebrew-English dictionary. Offered: Fall, on rotation.

#### HEBR 102 Elementary Hebrew II (4)

Second in a two-semester sequence introducing vocabulary, grammar, and syntax of Biblical Hebrew, enabling students to translate Hebrew prose and simple poetry with the help of a standard Hebrew-English dictionary. Prereq: HEBR 101, or permission of the instructor. Offered: Spring, on rotation.

#### HEBR 201 Intermediate Hebrew I (4)

Builds on proficiency obtained in HEBR 101-102 (Elementary Hebrew), requiring extended readings of prose, poetry, and several books of the Old Testament in Biblical Hebrew, with particular attention to enhancing competency in philology and syntax. Prereq: HEBR 102, or permission of the instructor. Offered: Fall, on rotation.

## Religion Major

Religion Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Religion Major:</b>		<b>36</b>
<b>Religion Core</b>		<b>16</b>
RELG 201 Introduction to World Religions	4	
RELG 320 Studies in the Law-Torah <i>or</i>	4	
RELG 350 Jesus and the Gospels		
RELG 371 The Craft of Religious Studies	4	
RELG 498 Senior Seminar	4	
<b>Choose one course each from three of the following four areas:</b>		<b>12</b>
<b>Area I. Jewish and Christian Scriptures</b>		
RELG 320 Studies in the Law-Torah	4	
RELG 321 Studies in the Psalms/Wisdom Literature	4	
RELG 331 Studies in the Prophets	4	
RELG 341 Martyrdom and Apocalypticism	4	
RELG 342 Life and Letters of Paul	4	
RELG 343 The Johannine Writings	4	
RELG 345 Varieties of Ancient Paganism	4	
RELG 350 Jesus and the Gospels	4	
RELG 393 Field Methods in Archaeology	4	
RELG 441 Early Biblical Interpretation	4	
<b>Area II. Historical/Cultural Studies</b>		
RELG 300 Rituals/Myths in World Religions	4	
RELG 302 History of Christianity	4	
RELG 304 American Religious History	4	
RELG/PHIL 311 Philosophy of Religion	4	
RELG 312 Christian Worship: History & Theology*	4	
RELG/SOCI 333 Sociology of Religion	4	
RELG/HIST 433 Baptists: Their History & Theology	4	
<b>Area III. Theological/Ethical Studies</b>		
RELG 200 Christian Ethics	4	
RELG 221 Christian Theology	4	
RELG 312 Christian Worship: History & Theology*	4	
RELG 314 Christian Spirituality	4	
RELG 351 Contemporary Theology	4	
RELG 354 Pastoral Theology**	4	
<b>Area IV. Practice of Ministry</b>		
RELG 204 Formation for Christian Ministry	4	
RELG 210 Foundations of Congregational Studies	4	
RELG 250 Practice of Ministry Internship***	1	
RELG 310 Theories of Faith Development	4	
RELG 312 Christian Worship: History & Theology*	4	
RELG 313 Preaching	4	
RELG 354 Pastoral Theology**	4	
RELG 355 Missiology	4	
RELG 361 Pastoral Care and Counseling	4	
<b>Religion Electives (choose two)</b>		<b>8</b>
<b>General Electives</b>		<b>28-40</b>
<b>Total Required Credits</b>		<b>128</b>

\*RELG 312 may be used to satisfy Area II, III or IV, but not all three simultaneously.

\*\*RELG 354 may be used to satisfy either Area III or IV, but not both simultaneously.

\*\*\*RELG 250 alone cannot satisfy the "one course" requirement in its area; it is usually taken simultaneously with one of the other Area IV courses.

## Ministry and Missions Minor

For the minor in ministry and missions, students must take RELG 201 (Introduction to World Religions), and either RELG 354 (Pastoral Theology) or RELG 355 (Missiology), and three other courses from Area IV for a total of 20 hours. RELG 499 (Senior Seminar in Congregational Ministry) may be substituted for one Area IV requirement **with permission of the professor**.

Ministry & Missions Minor Required Courses	Course Credits	Total Required Credits
<b>Religion Core</b>		<b>8</b>
RELG 201 Introduction to World Religions	4	
RELG 354 Pastoral Theology <i>or</i> RELG 355 Missiology	4	
<b>Religion Electives</b> (from Area IV: Practice of Ministry) (select three courses)		<b>12</b>
RELG 204 Formation of Christian Ministry	4	
RELG 210 Foundations of Congregational Studies	4	
RELG 250 Practice of Ministry Internship	1	
RELG 310 Theories of Faith Development	4	
RELG 312 Christian Worship: History & Theology*	4	
RELG 313 Preaching	4	
RELG 354 Pastoral Theology**	4	
RELG 355 Missiology	4	
RELG 361 Pastoral Care and Counseling	4	
<b>Total Required Credits</b>		<b>20</b>

## Religion Minor

Religion Minor Required Courses	Course Credits	Total Required Credits
<b>Religion Core</b>		<b>4</b>
RELG 201 Introduction to World Religions	4	
<b>Religion Electives</b> (At least 12 credit hours must be at the 300 level or above.)		<b>16</b>
<b>Total Required Credits</b>		<b>20</b>

### HEBR 202 Intermediate Hebrew II (4)

Second in a two-semester sequence, requiring extended readings of prose, poetry, and several books of the Old Testament in Biblical Hebrew, with particular attention to enhancing competency in philology and syntax. Prereq: HEBR 201, or permission of the instructor. Offered: Spring, on rotation.

### GREEK - Greek is offered through the Classics program.

Note: May take one year of Greek, plus one year of Hebrew, in lieu of two years of same language.

## RELIGION

### UCBP 101 Biblical Perspectives (4)

Examination of historical context and religious teachings of Hebrew and Christian Scriptures. Cultivation of critical competencies necessary for the academic study of traditional texts. Course objectives include an understanding of the historical context in which the Bible took shape; appreciation of the development of religious thought within the biblical period; examination of how biblical teachings have been and are interpreted and applied; and study of the Bible, using a variety of modern critical methods, including Historical, Social Scientific, and Cultural Criticism (i.e., Feminist, African-American, or Post-Colonial Criticism). Offered: Every semester.

### RELG 200 Christian Ethics (4)

Examination of contemporary social-ethical issues in light of Christian ethical principles, derived from scripture and church history. Co-listed as PHIL 200. Offered: Fall.

### RELG 201 Introduction to World Religions (4)

Investigation of the major world religions, emphasizing their distinctive histories, beliefs, and practices. Offered: Fall and Spring.

### RELG 204 Formation for Christian Ministry (4)

Designed for persons seeking to understand and interpret their call to ministry. Offered: Spring.

### RELG 210 Foundations of Congregational Studies (4)

Introduction to a framework for understanding the unique dynamics of congregational life. Prereqs: UCCA 102 and UCCP 102. Offered: Fall.

### RELG 221 Christian Theology (4)

Survey of the historical development and contemporary interpretation of the main teachings of Christian faith. Offered: Fall and Spring.

### RELG 250 Practice of Ministry Internship (1)

Integration of disciplinary learning and workplace experience through directed assignments in a Practice of Ministry course and supervision of related activities in a church or church-related setting. Prereq: Permission of the instructor. Co-req: Choose from the following: RELG 204, 210, 310, 312, 354, or 355.

### RELG 300 Rituals and Myths in World Religions (4)

Thematic introduction to world religions, focusing on rituals and myths. Exploration of how various religious traditions seek to order human life and how modern scholars have attempted to understand religions. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Spring.

### RELG 302 History of Christianity (4)

Survey of the history of Christianity, acquainting students with the institutional and cultural heritage of the Christian church. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Fall, on rotation.

### RELG 304 American Religious History (4)

Examines the intellectual, institutional, and cultural history of religion in the United States. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Fall.

### RELG 310 Theories of Faith Development (4)

Examination of contemporary theories of faith development. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Spring.

### RELG 311 Philosophy of Religion (4)

Investigation of philosophical issues in religious thought, including such issues as proofs and disproves of God's existence, the meaning of religious language, truth-claims in different religions, and related matters. Co-listed as PHIL 311. Offered: Fall, on rotation.

### RELG 312 Christian Worship: History and Theology (4)

Survey of the history, theology, and contemporary diversity of Christian worship. Examination of key issues in the development and practice of Christian worship through theological and liturgical texts and participant observation. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Spring, on rotation.

### RELG 313 Preaching (4)

Examination of the principles of Biblical preaching, with a view of moving from the text to the sermon, including the disciplines of sermon preparation and delivery. Prereqs: UCBP 101 and UCCA 102. Offered: Spring.

### RELG 314 Christian Spirituality (4)

Study of the major works on Christian spirituality, with a goal to gaining knowledge of and appreciation for the spiritual tradition in the church. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Jan Term.

**RELG 320 Studies in the Law-Torah (4)**

Examination of the content, literary makeup, and historical context of the Law-Torah. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor.

**RELG 321 Studies in the Psalms and Wisdom Literature of the Old Testament (4)**

Examination of the literary character and function of the Psalms in Israel, including analysis of the literary masterpiece and spiritual classic known as Job. Also includes review of Proverbs, Ecclesiastes, and other poetical books. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Spring.

**RELG 331 Studies in the Prophets (4)**

Exploration of the background and message of Israel's great preachers, the major and minor prophets of the Old Testament, and the relevance of their insights for today. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor.

**RELG 333 Sociology of Religion (4)**

Analysis of beliefs, practices, and the organized expression of religion and society. Co-listed as SOCI 333. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Spring.

**RELG 341 Martyrdom and Apocalypticism (4)**

Examination of later writings of the New Testament against the background of the church's precarious position in the late first century and of Greco-Roman culture. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Fall.

**RELG 342 Life and Letters of Paul (4)**

Introduction to the historical-critical study of Paul and his letters. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Spring.

**RELG 343 The Johannine Writings (4)**

Introduction to the historical critical study of the Gospel and Letters of John, with attention to the community behind these documents, as well as the reception of these documents among the early Christians. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Jan Term.

**RELG 345 Varieties of Ancient Paganism from Alexander to Julian (4)**

Introduction to the major pagan religions of the Greco-Roman period, from the conquests of Alexander the Great (332 BCE) to the death of Julian the Apostate (363 CE). Some attention is paid to the pagan influences on emerging Judaism and Christianity. Co-listed as CLAS 345. Offered: Spring, on rotation.

**RELG 350 Jesus and the Gospels (4)**

Introduction to the historical-critical study of the gospels, focusing on the synoptic Problem and the Historical Jesus. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Spring.

**RELG 351 Contemporary Theology (4)**

Examination of important theological movements of the modern era with an emphasis on church-related theologians. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor.

**RELG 354 Pastoral Theology (4)**

Exploration of the nature of pastoral ministry in the cultural context of the twenty-first century, focusing on the biblical, historical, and theological foundations of pastoral care. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor.

**RELG 355 Missiology (4)**

Introduction to missiology, focusing on its biblical, historical, and theological foundations, in order to explore the mission of God in the cultural context of the 21st century.

**RELG 361 Pastoral Care (4)**

Internship in hospital chaplaincy with Princeton Baptist Medical Center. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Jan Term.

**RELG 371 The Craft of Religious Studies (4)**

Development of analytical, research, and writing skills in the various disciplines within religious studies in a small seminar format. Students engage in reading and analysis of both primary and secondary materials and complete a directed research paper. Prereqs: UCCA 102 and UCCP 102, or permission of the instructor. Offered: Spring

**RELG 390 Monarchs, Bishops, and Martyrs: The English Reformation (4)**

Study of historical and religious factors of the English Reformation. Course is taught in London with visits to historical sites. Co-listed as HIST 390 and POLS 390. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Jan Term.

**RELG 393 Field Methods in Archaeology (4)**

Hands-on introduction to the field methods of excavation and recording, current theories of archaeology, and Hellenistic and Roman Galilee. Taught in Israel. Offered: Summer.

**RELG 417 Hymnology (2)**

Survey of the historical development of congregational song in the Western church, with primary attention to texts. Emphasis is placed on the use of this literature in worship. Co-listed as MUSC 4170. Offered: Spring, on rotation.

**RELG 433 Baptists: Their History and Theology (4)**

Survey of Baptist history from its beginnings in Europe and in colonial and revolutionary, with emphasis on the origin and development of the Southern Baptist Convention. Co-listed as HIST 433. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor.

**RELG 441 Early Biblical Interpretation (4)**

Survey of major genres and methods of biblical interpretation in Second Temple Judaism and earliest Christianity, including the New Testament. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Spring.

**RELG 491, 492, 493, 494 Independent Study in Religion (1, 2, 3, or 4)**

Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor.

**RELG 497 Special Topics in Religion (4)**

Unique, one-time courses offered either by visiting professors or as experimental courses by members of the department. Topics vary.

**RELG 498 Senior Seminar (4)**

Correlation of the various studies within the religion major, focusing on a senior assessment paper or subject. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Spring.

**RELG 499 Senior Seminar in Congregational Ministry (4)**

Study of congregational ministry through supervised experience in church congregational or church-related settings. Prereqs: UCBP 101, UCCA 102, and UCCP 102, or permission of the instructor. Offered: Spring.

# Sociology

## Faculty

H. Hugh Floyd, Chair, Professor  
 Robin W. Roberts, Associate Professor  
 Theresa C. Davidson, Assistant Professor

## Undergraduate Programs and Requirements

<b>Major</b>	<b>Minor</b>
Sociology	Sociology

The Department of Sociology offers a major in sociology leading to a bachelor of arts degree. A major in sociology can prepare students for graduate work in sociology or other post baccalaureate training such as social work, law, public health, international relations, labor relations, gerontology, or family counseling. In addition, students can work in a variety of areas including law enforcement, social services or local, state, and federal government agencies. The degree offers a foundation in understanding the relationships among persons in groups, as well as relations between groups.

All sociology majors must complete at least one research paper from each of the two major research methodologies in the field: one qualitative field study and one quantitative study based on computer analysis. This requirement can be fulfilled in any of the 300- or 400-level courses as part of the course requirements.

The department also offers a minor in sociology.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. Sociology majors cannot use SOCI 100 (Introduction to Sociology) to meet the general education social science requirement.

### Sociology Major

Sociology Major Required Courses	Course Credits	Total Required Credits
University Core Curriculum		22
General Education Requirements		30-42
<b>Sociology Major:</b>		<b>48</b>
<b>Sociology Core:</b>		<b>20</b>
SOCI 100 Introduction to Sociology	4	
SOCI 320 Research Methods in Sociology	4	
SOCI 407 Sociology Internship	4	
SOCI 410 Sociological Theory	4	
SOCI 430 Senior Seminar	4	
<b>Sociology Electives</b>		<b>24</b>
<b>Mathematics</b>		<b>4</b>
MATH 210 Elementary Statistics	4	
<b>General Electives</b>		<b>16-28</b>
<b>Total Required Credits</b>		<b>128</b>

### Sociology Minor

Sociology Minor Required Courses	Total Required Credits
<b>Sociology Electives</b>	<b>8</b>
<b>Sociology Electives-Upper Level</b> (select from 300- or 400-level courses)	<b>12</b>
<b>Total Required Credits</b>	<b>20</b>

## Courses

### SOCI 100 Introduction to Sociology (4)

Introduction to the way sociologists view society. Questions explored include: Why is society organized the way it is? How and why do different societies establish different patterns of organization? How does society influence individuals? How and why does society change or remain the same over time? What factors in society influence occurrences such as social conflict, violence, crime, sexual deviance, social inequity, gender relations, religious practices, etc.?

### SOCI 101 Introduction to Cultural Anthropology (4)

Examination of theories and problems in social and cultural anthropology. Discussion of the historical development of cultural anthropology, methods of inquiry, focal problems, and contemporary theoretical perspectives focusing upon an introduction to worldwide cultural diversity. Offered: Jan Term.

### SOCI 203 Contemporary Social Problems (4)

Study of today's most pressing problems from the sociological perspective. Topics covered include alcohol and drug abuse, access and availability to health care, homicide, poverty, racism, rape, sexism, and sexual deviance, with a goal to understanding how personal limitations and expectations can sometimes cloud our perceptions and beliefs about these problems.

### SOCI 205 Sociology of Race and Ethnic Relations (4)

Exploration of historic social forces that shaped specific definitions, rivalries, prejudices and outcomes of race and ethnicity in North America. Examples of other racial and ethnic stratification provide critical/analytic comparisons with North America. Examination of the future of race and ethnicity through analysis of the socially constructed pathways that led to contemporary society.

### SOCI 310 Archaeology (4)

Investigation of world archaeology from the framework of major prehistoric cultural innovations. Discussion of the history of archaeology, theory, and methods of modern-day archaeologists and the significance of archaeological research to modern-day problems. Prereq: SOCI 100, or permission of the instructor. Offered: Summer.

### SOCI 320 Social Research Methods (4)

Review of methodologies and skills used by sociologists. Introduction to the logic of scientific inquiry, and the relationship between development of theoretically-based research questions and the process for seeking answers. Focus on two methodologies: 1) qualitative field investigation techniques, such as participant observation and narrative/content analysis; and 2) quantitative techniques such as survey procedures. Introduction to the Statistical Package for the Social Sciences (SPSS-PC), a software program for statistical analysis. Sociology majors should take this course as early in their academic program as possible. Prereq: SOCI 100 or permission of department chair.

### SOCI 324 Human Sexuality (4)

Examination of biological, spiritual, psychosocial, and cultural dimensions associated with sexuality. Discussion of beliefs and values that influence individual health and well-being, especially how these relate to the sexual aspect of what makes us human. Students gain insight into their own sexual natures and learn how to live responsibly in a society that often promotes the idea of sex rather than sexuality. Co-listed as PSYC 324. Prereq: SOCI 100 or permission of department chair.

### SOCI 330 Sociology of Gender (4)

Examines the socially-constructed nature of gender. Reviews key sociological theories in the study of gender, examines the interaction of gender with major institutions in society, and highlights the way in which gender constructions translate into gender inequality. Emphasis on the intersection of race and class with gender. Prereq: SOCI 100 or instructor's permission. Offered: On rotation.

**SOCI 331 Sociology of Aging (4)**

Study of the social, psychological, and biological changes that occur with aging, and how these changes affect interactions between older people and their family, friends, home, community, and society. This multidisciplinary approach, known as gerontology, addresses such issues as demography of aging, social theories of aging, social consequences of biological and psychological changes, social supports, living arrangements, economic status, populations at risk, and social policies. Course includes opportunities to discuss these issues with professionals who provide services for older people. Prereq: SOCI 100 or permission of department chair.

**SOCI 333 Sociology of Religion (4)**

Exploration of the social context of religion, including an introduction to theories and methods used in the sociological investigation of religion. Questions include: How does religion impact our sense of meaning and belonging in society? What social processes relate to the formation and evolution of churches, sects, and cults? How are religious institutions in American society undergoing change? Do gender, race and social class influence religious order and behavior? What is the relationship between state and church in American society? Co-listed as RELG 333. Prereq: SOCI 100 or permission of department chair.

**SOCI 335 Sociology of Work (4)**

Examination of a range of perspectives on the ways work has been structured and managed in human history. Concepts covered include how and why some individuals acquire more power than others within the workplace; the changing structure of the labor market; and the impact of work on other areas of life and on social issues. Prereq: SOCI 100 or permission of department chair.

**SOCI 337 Sociology of Medicine (4)**

Exploration of how society and culture influence perceptions that certain conditions/behaviors are indicators of health or illness. Questions include: Where do people seek help and how is it delivered/received? How widespread is illness and disease in society? Do factors such as gender, race, etc., impact which people get sick and what happens to them? What purpose does health care serve for the society at large? How does the United States health care system compare to those found in other societies? Prereq: SOCI 100 or permission of department chair.

**SOCI 339 Sociology of Mental Disorder (4)**

Study of the relationship between mental disorder and society. Issues addressed include the impact of the sociocultural context on the definition of mental disorder, and the distribution of mental disorder among persons based on gender, age, race, social class, and rural or urban residence. Analysis of effects of different forms of social organization and policy on the experiences of those identified as mentally disordered. Examination of the consequences of law and treatment services on social regulation for the mentally disordered. Prereq: SOCI 100 or permission of department chair.

**SOCI 343 Criminology (4)**

Introduction to the various theoretical approaches that guide the study of crime and its implications. Examination of problems related to the definition of crime, the extent or distribution of crime in society, as well as the impact of criminal activity on society. Review of the criminal justice system, the social processes that occur within it and the outcomes of this system for individuals and the community. Prereq: SOCI 100 or permission of department chair.

**SOCI 345 Juvenile Delinquency (4)**

Examination of juvenile delinquency using the sociological perspective. Critical questions include: What is juvenile delinquency? What is the distribution of juvenile delinquency in society? In which groups are youth more likely to be delinquent? Are there particular characteristics of society which influence patterns of juvenile delinquency? What research methods are used to study delinquency? How is society responding with regard to prevention and treatment of delinquency among youth? Prereq: SOCI 100 or permission of department chair.

**SOCI 347 Independent Study (2 or 4)**

Independent studies course that must comply with the following procedures: 1) Student is responsible for identifying an appropriate topic for investigation. 2) Student must determine if a faculty member can or will be able to undertake the project. This must be done at least one semester prior to the semester during which the work is to be completed. 3) Criteria for fulfilling the requirements for credit must be established between the student and the directing faculty member. 4) Agreement must be on file with the faculty member and the department. Students taking this course must have junior standing and have completed at least eight credits of sociology. Prereq: SOCI 100 or permission of department chair.

**SOCI 348 Sociology of Family (4)**

Study of how sociological theory and research applies to an understanding of the family in the social context including family as a social group, family as an institution within society, and family in global perspective across different societies. Critical questions include: What are the constraints of society on the family? What purpose does the family serve in the larger society? What roles do people play in the family? Who and what determines the assignment of those roles? What part does intimacy and sexuality play in family life? How do persons become involved in conflict and violence in families? What are the similarities and differences in family globally? Offered: On rotation. (Formerly SOCI 201)

**SOCI 349 Sociology of Children (4)**

Exploration of the social construction of childhood over time and space, presenting a view of childhood distinct from popular notions. Concepts covered include social forces involved in shaping childhood in North America; how society has changed its definition of childhood over the years; how children negotiate their social roles with each other and with adults; and how children create their own culture distinct from adult culture. Social problems that children experience are focal points for research in the course. Prereq: SOCI 100.

**SOCI 360 Urban Geography: The North American City (4)**

Geographic perspective of the past, present, and future of the American city. Topics include the historic roots of cities, development of the U.S. urban system, transportation, and the shaping of cities; social, political, and economic dynamics of urban areas; urban growth, decline, and revitalization; suburbanization; and challenges facing cities in the twenty-first century. Co-listed as GEOG 360 and POLS 360. Offered: Spring, on rotation.

**SOCI 370 Suburban Nation: Gates, Golf Courses, and Ghettos (4)**

Addresses the fundamental questions: How did the United State become such a suburban nation? How has this pervasive suburban landscape changed over time, both in design and meaning? Using a variety of sources (film, fiction, an historical essays), the course considers the evolution of the suburban landscape from the colonial to the contemporary era. Co-listed with GEOG 370 and HIST 370. Offered: Fall, on rotation.

**SOCI 401 Social Psychology (4)**

Introduction to social psychology from a sociological perspective, examining the relationship between the person and society. Questions include: What impact does society have on the formation of identity and the view we have of ourselves? How do we, as a society, create a perspective of the world around us and use this perspective to regulate each other? What processes regulate the way we establish organizations such as family or work groups and interact within these social groups? Prereq: SOCI 100 or permission of department chair.

**SOCI 403 Social Class and Inequality (4)**

Examination of the various ways societies have organized the production and distribution of resources, and the results for social inequality. Concepts covered include the different ways we currently structure, define, and produce class in American society; assessment of the importance of socioeconomic class in society, and its consequences for social cohesion and optimal social functioning; and assessment of how class inequality interacts with other socially stratified systems such as race/ethnicity and sex/gender. Prereq: SOCI 100 or permission of department chair.

**SOCI 405 Sociology of Deviance (4)**

Examination of deviance using the major sociological theories, focusing on the incidence and distribution of deviance in society and explaining it from a sociological point of view. Prereq: SOCI 100 or permission of department chair.

**SOCI 407 Sociology Internship (4)**

Internship in which students can receive credit for community-based experience in agencies or organizations that deal with issues such as juvenile services, probation, literacy, the elderly, children's health care, etc. Through contact with department faculty and preparation of a written assessment, students develop and utilize a sociologically-based understanding of their experience. Prereq: Junior standing and 12 credits of sociology coursework.

**SOCI 409 Special Topics in Sociology (2 or 4)**

Classroom-based course in lecture and/or discussion format. Topics vary. See class schedule for topic. Prereq: SOCI 100 or permission of department chair.

**SOCI 410 Sociological Theory (4)**

Introduction to stories or theories developed by persons whom sociologists consider central to the understanding of how and why humans organize, behave and interact in certain ways. Building upon ideas and evidence from other sociological investigation, this course provides a more complete perspective of each theorist studied. Prereq: Senior standing.

**SOCI 427 Sociology and Environment (4)**

Socio-historical examination of the relationship between the social and the natural environments. Focus on the modern global environment with its challenges for risk management and with its tension between needs for development and sustainability of environmental resources. Disasters (technological and natural) will be compared as social products with sociological consequences. Finally, sociological outcomes will be evaluated using social-environmental justice issues related to class, race, and gender. Prereq: SOCI 100 or permission of department chair.

**SOCI 430 Senior Seminar (4)**

Capstone course in sociology. Students participate in reading and discussion of assignments from primary source materials in theory and/or develop and carry out a research project. Prereq: Senior standing and 20 credits of sociology coursework.

# World Languages and Cultures

## Faculty

- Mikle D. Ledgerwood, Chair, Professor, French
- Myralyn F. Allgood, Professor, Spanish
- Terry H. Pickett, Professor and Program Director, German and Critical Languages
- Millicent A. Bolden, Associate Professor, Spanish
- Kelly C. Jensen, Associate Professor, Spanish
- Lynda J. Jentsch, Associate Professor and Program Director, Spanish
- Mary E. McCullough, Associate Professor and Program Director, French
- Charlotte L. Coleman, Assistant Professor, Spanish, and Director, General Education
- Heather A. West, Assistant Professor, French, and Academic Director of Laboratories
- Charles E. Workman, Assistant Professor, Spanish, Technical Director of Laboratories
- Marigene Chamberlain, Instructor, Spanish, and WLAC Study Abroad Coordinator
- Carolyn R. Crocker, Instructor, Spanish
- Angela D. Ferguson, Instructor, German
- Andy M. Milstead, Instructor, Spanish, and Administrative Director of Laboratories

## Undergraduate Programs and Requirements

### Majors

- French
- German
- Spanish
- World Language and Literature  
(Two Languages)

### Minors

- French
- German
- Portuguese
- Spanish
- Latin American Studies
- World Languages

### Interdisciplinary Concentrations

- Language and World Trade with a specialty in French, German, Spanish or World Languages
- Latin American Studies

### Teacher Certification: Middle School, Secondary, P-12\*

- French
- German
- Spanish

The Department of World Languages and Cultures (WLAC) offers single-language majors in French, German, or Spanish, and in two languages combined (French, German, and/or Spanish) through the world language and literature major. The department also offers interdisciplinary concentrations in Latin American studies and language and world trade. Students majoring in language and world trade may choose a concentration in French, German, Spanish, or another world language. All WLAC majors and interdisciplinary concentrations earn a bachelor of arts degree.

The department also offers minors in French, German, Portuguese, Spanish, and world languages and cultures (combination of languages), plus an interdisciplinary minor in Latin American studies.

Completion of the major or minor is determined by the number of credits in the language. In order to fulfill the minimum credits required, *additional credit hours must be completed* for any courses taken or transferred in for *fewer* than 4 credits.

\*See the Teacher Education section for details on middle school, secondary, and P-12 teacher certification in French, German, and Spanish.



### Proficiency-Based Instruction

At all levels, language instruction at Samford is based on developing proficiency in the four skills of understanding, speaking, reading, and writing, studied within the geographical and cultural context of the target language. Instructional and assessment methodologies follow competency-based guidelines established by the American Council for the Teaching of Foreign Languages (ACTFL). The campus experience is enhanced by language and computer laboratories and complemented by numerous opportunities to study in one of the department's classrooms abroad.

### Placement

Student scores on the department's placement test determine the level of entry into general education-level language courses. Once a sequence (101-102, 201-202, or 203) is completed, students may not receive credit for taking a lower-level class in the same language. Successful completion of the previous course in a sequence serves as prerequisite to the next. Students may enter language studies at the 101, 102, 201, 203, or 300 levels. Students placing at the 300 level must take a minimum of one 4-credit language course at the 300 or 400 level to fulfill the general education world language requirement for most Arts and Sciences majors. Students whose primary language is a WLAC language must take 3-4 credits at the 300-400 level if they desire to use that language to fulfill their general education language requirement. Students whose primary language is not a WLAC language should consult with the WLAC chair.

### WLAC Majors

For students planning careers with international firms, service agencies, missions, teaching, or for those who seek the advantage of being bilingual in the multicultural world of the twenty-first century, the world languages and cultures (WLAC) major courses of study provide the opportunity to develop advanced linguistic proficiency and increase cross-cultural understanding. All WLAC graduating seniors, upon completion of exit interviews and writing sample analyses, receive internationally recognized oral and writing proficiency ratings from the department's ACTFL-trained examiners.

### Critical Languages

In association with the National Association of Self-Instructional Language Programs, the WLAC department offers self-instructional/tutorial language study in Arabic, Chinese, Hindi, Italian, Japanese, Portuguese, Russian, Swahili, and Thai. Other nontraditional languages may also be available if there is sufficient demand.

### Mentored Courses

The department also offers a number of specialized, mentored courses and independent projects for 1, 2, 3, or 4 credits in French, German, Spanish, and critical languages (French, German, Spanish 310, 311, 321, 331, 340, 360, and 450; and 311, 321, 331, and 360 in any critical language). Students may take up to 8 credits in these courses. A maximum of 4 mentored credits at the 300- and 400-level of instruction may be applied to a major or minor.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses.

### Required Minor for Language and Literature Majors

WLAC's language and literature majors are required to complete a minor, choosing one of the following options:

1. An established minor in a second world language.
2. An established minor (or second major) in another discipline
3. A specially designed world languages minor, consisting of six courses in a combination of other languages at any level, created in consultation with a WLAC faculty advisor.

### French, German, or Spanish

#### Language and Literature Major (One Language)

The bachelor of arts in French, German, or Spanish language and literature prepares students for a variety of career and graduate school options. The program of study may be combined with essential education courses to earn teacher certification.

<b>French, German, or Spanish Language and Literature Major (One Language) Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Language &amp; Literature Major (One Language):</b>		<b>32</b>
<b>French, German, or Spanish</b>		<b>32</b>
Elementary French, German, or Spanish 101 (or equivalent proficiency)	(4)*	
Elementary French, German, or Spanish 102 (or equivalent proficiency)	(4)*	
Intermediate French, German, or Spanish 201** and Intermediate French, German, or Spanish 202** <i>or</i> Accelerated Intermediate French or Spanish 203**	(4)* (4)* <i>or</i> (4)*	
French, German, or Spanish 300- and 400-level courses, including two literature courses at the 400-level and the Senior Project***	32	
<b>Required Minor</b>		<b>20</b>
<b>General Electives</b>		<b>12-24</b>
<b>Total Required Credits</b>		<b>128</b>

\*These credits are included in the General Education Requirements.

\*\*Students who score high enough on placement criteria may register for these courses.

\*\*\*Senior Project may be replaced by an eighth upper-level course by second majors only.

### World Language and Literature Major

#### French, German, and/or Spanish (Two Languages)

<b>World Language and Literature Major French, German, and/or Spanish (Two Languages) Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>30-42</b>
<b>Language &amp; Literature Major (Two Languages):</b>		<b>36</b>
<b>French, German, or Spanish</b>		<b>36</b>
Elementary French, German, or Spanish 101 (or equivalent proficiency)	(8)*	
Elementary French, German, or Spanish 102 (or equivalent proficiency)	(8)*	
Intermediate French, German, or Spanish 201** and Intermediate French, German, or Spanish 202** <i>or</i> Accelerated Intermediate French or Spanish 203**	(8)* (8)* <i>or</i> (8)*	
Eight French, German, or Spanish 300- and 400-level courses (four in each language), including one 400-level literature course in each language, plus one Senior Project that combines the two languages.	36	
<b>General Electives</b>		<b>28-40</b>
<b>Total Required Credits</b>		<b>128</b>

\*These credits (up to 16 for one language) are included in the General Education Requirements.

\*\*Students who score high enough on placement criteria may register for these courses.

### Language and World Trade Interdisciplinary Concentration

The language and world trade interdisciplinary concentration, offered in cooperation with the School of Business, is a comprehensive combination of linguistic skills and essential business knowledge. It concludes with an international trade internship. Completion of this interdisciplinary concentration satisfies general education foreign language and social science requirements for the College of Arts and Sciences. Students majoring in language and world trade may choose a specialty in French, German, Spanish, or another world language offered by the WLAC department.

<b>Language and World Trade Interdisciplinary Concentration Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>	
<b>University Core Curriculum</b>		<b>22</b>	
<b>General Education Requirements</b>		<b>30-42</b>	
<b>Language &amp; World Trade Interdisciplinary Concentration:</b>		<b>72-76</b>	
<b>Language Courses</b>		<b>40</b>	
Intermediate French, German, or Spanish 201** and Intermediate French, German, or Spanish 202**	(4)*		
or Accelerated Intermediate French or Spanish 203**	(4)*		
Conversation/Composition Course	4		
Civilization and Culture Course	4		
Literature 400-level Courses	8		
Major Language Electives, 300- and 400-level	8		
French, German, Spanish 370	4		
French, German, Spanish 470	4		
One year of a second language	8		
<b>Business and Mathematics Courses</b>			<b>29</b>
<b>Group I</b> (to be completed first)	<b>14</b>		
ACCT 211 Accounting Concepts I	3		
ACCT 212 Accounting Concepts II	3		
BUSA 160 Computer Competency Assessment	1		
ECON 201 Principles of Macroeconomics*	(4)*		
ECON 202 Principles of Microeconomics	3		
MATH 210 Elementary Statistics	4		
<b>Group II</b> (Prereq: Junior standing and completion of Group I)	<b>15</b>		
BUSA 252 Legal Environment of Business	3		
FINC 321 Financial Management	3		
MNGT 303 Principles of Management	3		
MNGT 484 International Management	3		
MARK 311 Marketing Management	3		
<b>Electives:</b> (Select from list below; other electives can be taken with advisor's permission.)		<b>3-7</b>	
COMS 215 Public Speaking (strongly recommended)	4		
GEOG 101 Global Geography: Places, Landscapes, and Regions	4		
GEOG/HIST/POLS 395 Asia: Land and People	4		
HIST 461 Modern Latin America***	4		
LAST 201 Introduction to Latin American Studies	4		
POLS 310 U.S. Foreign Relations	4		
POLS 319 International Relations	4		
POLS 322 Latin American Politics	4		
POLS 351 Major European Governments	4		
POLS 363 Politics of Developing Nations	4		
POLS 451 Geography of International Affairs	4		
<b>Total Required Credits</b>			<b>128-136</b>

\*These credits are included in the General Education Requirements.

\*\*Students who score high enough on placement criteria may register for these courses.

\*\*\*Spanish majors only.

### Latin American Studies Interdisciplinary Concentration

The bachelor of arts in Latin American studies, a joint program with the departments of history, political science, and geography, is intended to teach students about the rich civilizations in the portions of North, Central, and South America and the Caribbean known as Latin America. Through emphasis on the Spanish language and an interdisciplinary approach to the region, students will obtain a nuanced and deep understanding of Latin America.

<b>Latin American Studies Interdisciplinary Concentration Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>	
<b>University Core Curriculum</b>		<b>22</b>	
<b>General Education Requirements</b>		<b>30-42</b>	
<b>Latin American Studies Interdisciplinary Concentration:</b>		<b>52</b>	
<b>I. Language</b>		<b>16</b>	
PORT 101 Elementary Portuguese I	4		
PORT 102 Elementary Portuguese II	4		
SPAN 301 Conversation/Composition/Grammar	4		
SPAN 302 Conversation/Composition/Reading	4		
<b>II. Interdisciplinary Course</b>		<b>4</b>	
LAST 201 Introduction to Latin American Studies	4		
<b>III. Discipline-Based Courses:</b>			<b>20</b>
<b>A. Social Science</b> (choose two)			
Geography: GEOG/POLS 397 Andes to Amazon: Physical Landscapes of Latin America	4		
History: HIST 461 Modern Latin America	4		
Political Science: POLS 322 Latin American Politics	4		
<b>B. Literature</b> (choose one)			
SPAN 403 Spanish American Literature I	4		
SPAN 404 Spanish American Literature II	4		
SPAN 405 Special Topics*	4		
SPAN 406 Special Topics*	4		
<b>C. Civilization/Culture</b> (choose two)			
LAST 380 Latin American Studies Seminar	4		
SPAN 316 Latin American Culture I	4		
SPAN 317 Latin American Culture II	4		
<b>IV. Study Abroad in Latin America</b> (select one of the following):		<b>4</b>	
BIOL 340 Amazon Rain Forest	4		
PORT 351 Language Study Abroad: Adv Port I	4		
PORT 352 Language Study Abroad: Adv Port II	4		
PORT 353 Language Study Abroad: Cultural Studies I	4		
PORT 354 Language Study Abroad: Cultural Studies II	4		
SPAN 351 Language Study Abroad: Adv Spanish I	4		
SPAN 352 Language Study Abroad: Adv Spanish II	4		
SPAN 353 Language Study Abroad: Cultural Studies I	4		
SPAN 354 Language Study Abroad: Cultural Studies II	4		
<b>V. Latin America in Global Perspective</b> (select one of the following):			
BIOL 326 Environmental Science	4		
ECON 397 International Studies in Economics*	4		
ESSM 312 Food, Culture, & Society*	4		
PHYS 100 Physics for Society*	4		
POLS 319 International Relations	4		
POLS 363 Politics of Developing Nations	4		
POLS 451 Geography of International Affairs	4		
<b>VI. Capstone Course</b>		<b>4</b>	
LAST 480 Perspectives on Latin American	4		
<b>General Electives</b> (chosen with advisor's approval)		<b>12-24</b>	
<b>Total Required Credits</b>		<b>128</b>	

\* Courses must have a Latin American focus.

## WLAC Minors - French, German, Portuguese, Spanish, Latin American Studies, and World Languages

For students in any discipline who wish to advance their linguistic proficiency and cross-cultural communication skills beyond the required intermediate level, minors are offered in French, German, Portuguese, and Spanish, consisting of 20 credits beyond the 202\* or 203\* language course.

Students in other disciplines may also choose to pursue a specially designed world languages minor consisting of six courses in a combination of other world languages at any level, excluding courses taken to satisfy the general education requirement, and created in consultation with a WLAC faculty advisor.

### French, German, Portuguese, or Spanish Minor

French, German, Portuguese, or Spanish Minor Required Courses	Course Credits	Total Required Credits
<b>French, German, Portuguese, or Spanish</b>		<b>20-36</b>
Intermediate French, German, Portuguese, or Spanish 201** and Intermediate French, German, Portuguese, or Spanish 202**	(4)*	
or Accelerated Intermediate French or Spanish 203**	(4)*	
300/400-level courses (French, German, Portuguese, or Spanish)	20	
<b>Total Required Credits</b>		<b>20-36</b>

\*These credits are included in the General Education Requirements.

\*\*Students who score high enough on placement criteria may register for these courses.

### World Languages and Cultures Minor

World Languages and Cultures Minor Required Courses	Course Credits	Total Required Credits
<b>World Languages</b>		<b>24</b>
World language courses, any combination (excluding the General Education requirement)	24	
<b>Total Required Credits</b>		<b>24</b>

### Latin American Studies Interdisciplinary Minor

Latin American Studies Interdisciplinary Minor Required Courses	Course Credits	Total Required Credits
<b>Latin American Studies Core</b>		<b>12</b>
LAST 201 Introduction to Latin American Studies	4	
SPAN 301 Conversation/Composition/Grammar*	4	
SPAN 302 Conversation/Composition/Reading*	4	
<b>Latin American Cultural Studies (choose one)</b>		<b>4</b>
LAST 380 Latin American Studies Seminar	4	
SPAN 316 Latin American Culture I*	4	
SPAN 317 Latin American Culture II	4	
<b>Latin American Studies Electives (choose two)</b>		<b>8</b>
GEOG 397 Andes to Amazon: Physical Landscapes of Latin America	4	
HIST 461 Modern Latin America	4	
POLS 322 Latin American Politics	4	
<b>Total Required Credits</b>		<b>24</b>

\*Or the equivalent SPAN study abroad option in Latin America.

## Courses

### FRENCH

#### FREN 101 and 102 Elementary French I and II (4 each course)

Introduction to French language and culture, aimed at developing basic proficiency in understanding, speaking, reading, and writing French. Three class meetings and two audiovisual and computer laboratory sessions weekly provide students with novice-level proficiency in preparation for the intermediate-level sequence. Prereq for FREN 102: Successful completion of FREN 101, satisfactory score on placement exam, or permission of program director. Offered: Fall (101); Spring (102)

#### FREN 201 and 202 Intermediate French I and II (4 each course)

Systematic review of French with continued emphasis on enhancing proficiency in understanding, speaking, reading, writing, and cultural understanding. Sequence includes two class meetings and two audiovisual and computer laboratory sessions weekly to provide a setting for intermediate-level mastery. Completion of this sequence fulfills the general education language requirement. Prereq for FREN 201: Successful completion of FREN 102 or satisfactory score on placement exam. Prereq for FREN 202: Successful completion of FREN 201. Offered: Fall (201), Spring (202), Summer 1 (both, locally), and Summer 2 (both, abroad).

#### FREN 203 Accelerated Intermediate French (4)

Accelerated intermediate course that compresses essential elements of FREN 201 and FREN 202 into one semester. Designed to develop cross-cultural understanding and proficiency in speaking, reading, writing, and understanding, it includes three class meetings and two laboratory sessions each week. Successful completion of this sequence fulfills the general education language requirement. Prereq: Grade of A in FREN 102 or the required score on the placement exam. Offered: Fall.

#### FREN 301 Conversation/Composition/Grammar (4)

Intensive practice of oral and written language skills and comprehensive review of advanced-level grammatical structures. Includes free and multi-draft composition and stresses effective self-expression. Prereq: Successful completion of FREN 202, 203, or the equivalent. Offered: Fall.

#### FREN 302 Conversation/Composition/Reading (4)

Intensive practice of oral and written language skills and development of advanced-level reading proficiency. Includes free and multi-draft composition and stresses French cultural and literary traditions. Prereq: Successful completion of FREN 202, 203, or the equivalent. Offered: Spring.

#### FREN 310 Advanced Proficiency Enhancement (1)

Mentored review and reinforcement of listening, speaking, reading, and/or writing skills, grammar structures, or career-oriented language context, as determined by individual student needs in French at the advanced level. Prereqs: Successful completion of FREN 301 or 302, and permission of program director. Offered: Upon request.

#### FREN 311, 321, and 331 Directed-Teaching Experience I, II, and III (1 each course)

Guided practicum in language teaching to develop the individual's linguistic, instructional, and leadership skills. Prereqs: FREN 202, 203, or the equivalent; and permission of program director.

#### FREN 315 and 316 French Culture I and II (4 each course)

Overview of French-speaking societies from an historical and contemporary perspective with emphasis on their customs, values, geography, artistic achievements, and scientific discoveries. Prereq: FREN 202, 203, or the equivalent. Offered: On rotation.

#### FREN 340 Advanced Career Studies (1-4)

Mentored course in career-specific language acquisition at the advanced level. Course may be repeated if topics are different. Variable credit. Prereqs: Successful completion of at least one 4-credit upper-level course, or the equivalent, and permission of program director. Offered: Upon request.

**FREN 345 Language-Across-the-Curriculum (1)**

Mentored experience in the reading of content-specific texts. Course may be repeated for credit with different host classes. Prereqs: Successful completion of at least one 4-credit upper-level French course or the equivalent, concurrent enrollment in an approved host class in another discipline, and permission of program director. Offered: Upon request.

**FREN 351 and 352 Language Study Abroad: Advanced French I and II (4 each course)**

Intensive practice of audio-lingual skills and advanced grammatical structures in a French-speaking setting abroad. Stresses practical communication and effective self-expression in French.

**FREN 353 and 354 Language Study Abroad: Cultural Studies I and II (4 each course)**

Study of French culture and overview of contemporary society in a French-speaking setting abroad.

**FREN 360 French-for-Missions Internship (1-4 each term of service)**

Missions fieldwork in a French-speaking country under the direction of a Samford mentor and on-site mission personnel. Open to all students with intermediate-mid language proficiency or higher. May also count as an upper-level major elective. Prereqs: Permission of French program director and WLAC language missions coordinator. Offered: Upon request.

**FREN 370 French for Business (4)**

Study of intercultural communication and advanced French language proficiency as needed for business contexts. Stresses commercial vocabulary, correspondence, and documentation appropriate to a variety of professional settings. Open to any student with advanced proficiency, this very practical course may count as an upper-level elective. Required for language and world trade concentration. Prereq: At least one 4-credit 300-level class. Offered: Fall or Spring, as needed.

**FREN 375 Advanced Grammar and Syntax (4)**

In-depth study of grammar and syntactical structures aimed at improving student language skills. Utilizes a variety of methodologies including, but not limited to, composition, translation, and stylistic analysis. Prereq: Successful completion of one four-credit, 300-level course or permission of the program director. Offered: On rotation.

**FREN 401 and 402 French Literature I and II (4 each course)**

Survey of the principal figures and literary movements of France from its beginnings to the present day. Stresses reading of primary works, critical analysis, library research, multi-draft composition, and continued development of advanced oral and written language proficiency within a literary context. Interactive class conducted in French. Prereqs: Successful completion of at least two 4-credit, 300-level courses, preferably FREN 302; and FREN 315, 316, or the equivalent. Offered: On rotation.

**FREN 405 and 406 Special Topics in Literature I and II (4 each course)**

Study of selected French authors, literary movements, themes, or genres. Stresses reading of primary works, critical analysis, library research, multi-draft composition, and continued development of advanced oral and written language proficiency within a literary context. Interactive class conducted in French. Course(s) may be repeated for credit if topics are different. Prereqs: Successful completion of at least two 4-credit, 300-level courses, preferably FREN 302; and FREN 315, 316, or the equivalent. Offered: On rotation.

**FREN 424 Senior Capstone: Second Language Teaching Methodology (4)**

Study of fundamental strategies that form the infrastructure of the teaching process for certification at all levels of second-language acquisition methodology, P-12 or 7-12. Emphasis on materials and methods appropriate to the designated levels of learning while promoting awareness of the multiple facets of language learning. Capstone course for seniors seeking teacher certification that also includes preparation for exit oral and writing proficiency exams. Offered: Fall or Spring, as needed.

**FREN 442 Senior Capstone: Research and Writing (4)**

Research and writing course designed to synthesize skills acquired and knowledge gained in previous coursework. Under a mentor's guidance, students develop a thesis, propose a solution to a problem, or produce and perform a creative work. Capstone course for language and literature majors that also includes literary readings and preparation for exit oral and writing proficiency exams. Required of all first majors. Prereqs: Senior standing, successful completion of at least one 400-level literature course, and permission of program director. Offered: Fall or Spring, as needed.

**FREN 450 Special Studies (1-4)**

Mentored, independent study in language, culture, or literature. Variable credit. May be repeated for credit if topics are different. Prereqs: At least one 4-credit upper-level course or the equivalent, and permission of program director and instructor. Offered: As needed.

**FREN 470 Senior Capstone: International Trade Internship (4)**

Directed student internship in an international business setting in the U.S. or abroad, mentored by Samford faculty and supervised by on-site agency personnel. Language and world trade seniors complete 160 hours of on-site work, maintain journals in the target language, and prepare for exit oral and writing proficiency exams. Prereqs: Senior standing, successful completion of course FREN 370, and permission of program director. Offered: As needed.

**GERMAN**

**GER 101 and 102 Elementary German I and II (4 each course)**

Introduction to German language and culture, aimed at developing basic proficiency in understanding, speaking, reading, and writing German. Three class meetings and two audiovisual and computer laboratory sessions weekly provide students with novice-level proficiency in preparation for the intermediate-level sequence. Prereq for GER 102: Successful completion of German 101, satisfactory score on placement exam, or permission of program director. Offered: Fall (101); Spring (102).

**GER 201 and 202 Intermediate German I and II (4 each course)**

Systematic review of German with continued emphasis on enhancing proficiency in understanding, speaking, reading, writing, and cultural understanding. Sequence includes two class meetings and two audiovisual and computer laboratory sessions weekly to provide a setting for intermediate-level mastery. Completion of this sequence fulfills the general education language requirement. Prereq for GER 201: Successful completion of GER 102 or satisfactory score on placement exam. Prereq for GER 202: Successful completion of GER 201. Offered: Fall (201), Spring (202), Summer (both, abroad).

**GER 301 Conversation/Composition/Grammar (4)**

Intensive practice of oral and written language skills and comprehensive review of advanced-level grammatical structures. Includes free and multi-draft composition and stresses effective self-expression. Prereq: Successful completion of GER 202 or the equivalent. Offered: Fall, on rotation.

**GER 302 Conversation/Composition/Reading (4)**

Intensive practice of oral and written language skills and development of advanced-level reading proficiency. Includes free and multi-draft composition and stresses German cultural and literary traditions. Prereq: Successful completion of GER 202 or the equivalent. Offered: Fall, on rotation.

**GER 310 Advanced Proficiency Enhancement (1)**

Mentored review and reinforcement of listening, speaking, reading, and/or writing skills, grammar structures, or career-oriented language context, as determined by individual student needs. Prereqs: Successful completion of GER 301, 302, or equivalent prior experience; and permission of program director. Offered: Upon request.

**GER 311, 321, and 331 Directed-Teaching Experience I, II, and III (1 each course)**

Guided practicum in language teaching to develop the individual's linguistic, instructional, and leadership skills. Prereqs: GER 202 or the equivalent, and permission of program director.

**GER 315 German Culture (4)**

Overview of German-speaking societies from an historical and contemporary perspective with emphasis on the customs, values, geography, and scientific discoveries of German-speaking countries. Prereq: GER 202 or the equivalent. Offered: Spring, on rotation.

**GER 340 Advanced Career Studies (1- 4)**

Mentored course in career-specific language acquisition at the advanced level. Course may be repeated if topics are different. Variable credit. Prereqs: Successful completion of at least one 4-credit upper-level course, or the equivalent, and permission of program director. Offered: Upon request.

**GER 345 Language-Across-the-Curriculum (1)**

Mentored experience in the reading of content-specific texts. Course may be repeated for credit with different host classes. Prereqs: Successful completion of at least one 4-credit upper-level German course or the equivalent, concurrent enrollment in an approved host class in another discipline, and permission of program director. Offered: Upon request.

**GER 351 and 352 Language Study Abroad: Advanced German I and II (4 each course)**

Intensive practice of audio-lingual skills and advanced grammatical structures in a German-speaking setting abroad. Stresses practical communication and effective self-expression in German.

**GER 353 and 354 Language Study Abroad: Cultural Studies I and II (4 each course)**

Study of German culture and overview of contemporary society in a German-speaking setting abroad.

**GER 360 German-for-Missions Internship (1-4 each term of service)**

Missions fieldwork in a German-speaking country under the direction of a Samford faculty and on-site mission personnel. Open to all students with intermediate-mid language proficiency or higher. May also count as an upper-level major elective. Prereqs: Permission of German program director and WLAC language missions coordinator. Offered: Upon request.

**GER 370 German for Business (4)**

Study of intercultural communication and advanced German language proficiency as needed for business contexts. Stresses commercial vocabulary, correspondence, and documentation appropriate to a variety of professional settings. Open to any student with advanced proficiency, this very practical course may count as an upper-level elective. Required for language and world trade concentration. Prereq: At least one 4-credit 300-level class. Offered: Spring, on rotation.

**GER 375 Advanced Grammar and Syntax (4)**

In-depth study of grammar and syntactical structures aimed at improving student language skills. Utilizes a variety of methodologies including, but not limited to, composition, translation, and stylistic analysis. Prereq: Successful completion of one four-credit, 300-level course or permission of the program director. Offered: On rotation.

**GER 401 and 402 German Literature I and II (4 each course)**

Survey of the principal figures and literary movements of Germany from its beginnings to the present day. Stresses reading of primary works, critical analysis, library research, multi-draft composition, and continued development of advanced oral and written language proficiency within a literary context. Interactive class conducted in German. Prereq: Successful completion of one 300-level course, or the equivalent, or permission of program director. Offered: On rotation.

**GER 405 and 406 Special Topics in Literature I and II (4 each course)**

Study of selected German authors, literary movements, themes, or genres. Stresses reading of primary works, critical analysis, library research, multi-draft composition, and continued development of advanced oral and written language proficiency within a literary context. Interactive class conducted in German. Course(s) may be repeated for credit if topics are different. Prereq: Successful completion of at least two 4-credit, 300-level courses, preferably GER 302 and GER 315, or the equivalent, or permission of program director. Offered: On rotation.

**GER 424 Senior Capstone: Second Language Teaching Methodology (4)**

Study of fundamental strategies that form the infrastructure of the teaching process for certification at all levels of second-language acquisition methodology, P-12 or 7-12. Emphasis on materials and methods appropriate to the designated levels of learning while promoting awareness of the multiple facets of language learning. Capstone course for seniors seeking teacher certification that also includes preparation for exit oral and writing proficiency exams. Offered: Fall or Spring, as needed.

**GER 442 Senior Capstone: Research and Writing (4)**

Research and writing course designed to synthesize skills acquired and knowledge gained in previous coursework. Under a mentor's guidance, students develop a thesis, propose a solution to a problem, or produce and perform a creative work. Capstone course for language and literature majors that also includes literary readings and preparation for exit oral and writing proficiency exams. Course required of all first majors. Prereqs: Senior standing, successful completion of at least one 400-level literature course, and permission of program director. Offered: Fall or Spring, as needed.

**GER 450 Special Studies (1-4)**

Mentored, independent study in language, culture, or literature. Variable credit. May be repeated for credit if topics are different. Prereq: At least one 4-credit upper-level course or the equivalent, and permission of program director and the instructor. Offered: As needed.

**GER 470 Senior Capstone: International Trade Internship (4)**

Directed student internship in an international business setting in the U.S. or abroad, mentored by Samford faculty and supervised by on-site agency personnel. Language and world trade seniors complete 160 hours of on-site work, maintain journals in the target language, and prepare for exit oral and writing proficiency exams. Prereqs: Senior standing, successful completion of GER 370, and permission of program director. Offered: As needed.

**GREEK and HEBREW**

See Department of Classics and the Biblical Languages course listing in the Department of Religion, respectively.

**LATIN**

See course listing in the Department of Classics.

**LATIN AMERICAN STUDIES****LAST 201 Introduction to Latin American Studies (4)**

Interdisciplinary introduction to the literature, drama, religion, philosophy, and fine arts of Latin America. Taught in English. Successful completion fulfills the general education humanities requirement.

**LAST 380 Latin American Studies Seminar (4)**

Exploration of special topics on Latin American culture and civilization, using an interdisciplinary approach. This course may also be taken as PORT 380 or SPAN 380 and may be cross-listed as a special topics course in disciplines related to Latin American studies. Taught in English. Prereq: SPAN or PORT 202; SPAN 203 or the equivalent; and permission of program director. Offered: On rotation.

#### **LAST 480 Perspectives on Latin America (4)**

Senior capstone course for the Latin American studies interdisciplinary concentration. Provides an analytical examination of the wide diversity present in Latin America, its place in the history of our planet, its contributions to our ever-changing world, and the profound implications of a growing immigration from this region to our nation. Prereq: LAST 201. Offered: Fall.

### **SPANISH**

#### **SPAN 101 and 102 Elementary Spanish I and II (4 each course)**

Introduction to Spanish language and culture, aimed at developing basic proficiency in understanding, speaking, reading, and writing Spanish. Three class meetings and two audiovisual and computer laboratory sessions weekly provide students with novice-level proficiency in preparation for the intermediate-level sequence. Prereq for SPAN 102: Successful completion of SPAN 101, satisfactory score on placement exam, or permission of program director. Offered: Fall and Jan Term (101), Spring (102), and Summer (both, locally and abroad).

#### **SPAN 201 and 202 Intermediate Spanish I and II (4 each course)**

Continued emphasis on enhancing proficiency in understanding, speaking, reading, writing, and cultural understanding. Sequence includes two class meetings and two audio/visual and computer laboratory sessions weekly to provide a setting for intermediate-level mastery. Completion of this sequence fulfills the general education language requirement. Prereq for SPAN 201: Successful completion of SPAN 102 or satisfactory score on placement exam. Prereq for SPAN 202: Satisfactory completion of SPAN 201. Offered: Fall (201), Spring (202), Summer (both, locally and abroad).

#### **SPAN 203 Accelerated Intermediate Spanish (4)**

Accelerated, intermediate course that compresses essential elements of SPAN 201 and SPAN 202 into one semester. Designed to develop cross-cultural understanding and proficiency in speaking, reading, writing, and understanding, it includes three class meetings and two laboratory sessions each week. Successful completion of this sequence fulfills the general education language requirement. Prereq: Grade of A in SPAN 102, with recommendation from SPAN 102 instructor, or the required score on the placement exam. Offered: Fall and Spring.

#### **SPAN 301 Conversation/Composition/Grammar (4)**

Intensive practice of oral and written language skills and comprehensive review of advanced-level grammatical structures. Includes free and multi-draft composition and stresses effective self-expression. Prereq: Successful completion of SPAN 202, 203, or the equivalent.

#### **SPAN 302 Conversation/Composition/Reading (4)**

Intensive practice of oral and written language skills and development of advanced-level reading proficiency. Includes free and multi-draft composition and stresses Spanish cultural and literary traditions. Prereq: Successful completion of SPAN 202, 203, or the equivalent.

#### **SPAN 310 Advanced Proficiency Enhancement (1)**

Mentored review and reinforcement of listening, speaking, reading, and/or writing skills, grammar structures, or career-oriented language context, as determined by individual student needs. Prereqs: Successful completion of SPAN 301, 302, or equivalent prior experience, and permission of program director. Offered: Jan Term.

#### **SPAN 311, 321, and 331 Directed-Teaching Experience I, II, and III (1 each course)**

Guided practicum in language teaching to develop the individual's linguistic, instructional, and leadership skills. Prereqs: SPAN 202, 203, or the equivalent, and permission of program director.

#### **SPAN 315 Spanish Culture (4)**

Overview of the major historical, social, political, and cultural aspects of Spain's culture from its beginning to the present day. Spanish is actively used in presentations, interactive class discussion, and writing assignments. One civilization course is required of all majors. Prereq: SPAN 202, 203, or the equivalent. Offered: Spring.

#### **SPAN 316 Latin American Culture I (4)**

Overview of the major historical, social, political, and cultural aspects of Latin America's culture from its beginning to the twentieth century. Spanish is actively used in presentations, interactive class discussion, and writing assignments. One civilization course is required of all majors. Prereq: SPAN 202, 203, or the equivalent. Offered: Fall.

#### **SPAN 317 Latin American Culture II (4)**

Overview in Spanish of the major current cultural issues in Latin American society in the 20th and 21st centuries, as well as an in-depth study of Latinos living in the U.S. Spanish is used in presentations and interactive class discussion, as well as reading and writing assignments. Prereq: Successful completion of one four-credit 300-level Spanish course. Offered: Spring.

#### **SPAN 322 Spanish for Missions (2)**

Practical study of biblical terminology, methodology of missions, bible study, and discipleship materials for those interested in career missions or those who would like to share their faith in Christ with Spanish-speaking peoples. Prereq: Completion of at least one upper-level course or equivalent.

#### **SPAN 332 Medical Spanish (2)**

Practice of medical terminology and role-play situations in the classroom combined with supervised fieldwork at local health care facilities providing services for Hispanic patients. Prereqs: Completion of at least one upper-level course and permission of program director.

#### **SPAN 340 Advanced Career Studies (1-4)**

Mentored course in career-specific language acquisition at the advanced level. Course may be repeated if topics are different. Variable credit. Prereqs: Successful completion of at least one 4-credit upper-level course, or the equivalent, and permission of program director. Offered: Upon request.

#### **SPAN 345 Language-Across-the-Curriculum (1)**

Mentored course in the reading of content-specific texts. Course may be repeated for credit with different host classes. Prereqs: Successful completion of at least 4-credit one upper-level Spanish course, or the equivalent; concurrent enrollment in an approved host class in another discipline; and permission of program director. Offered: Upon request.

#### **SPAN 351 and 352 Language Study Abroad: Advanced Spanish I and II (4 each course)**

Intensive practice of audio-lingual skills and advanced grammatical structures in a Spanish-speaking setting abroad. Stresses practical communication and effective self-expression in Spanish.

#### **SPAN 353 and 354 Language Study Abroad: Cultural Studies I and II (4 each course)**

Study of Hispanic culture and overview of contemporary society in a Spanish-speaking setting abroad. One civilization course is required of all majors.

#### **SPAN 360 Spanish-for-Missions Internship (1-4 each term of service)**

Missions fieldwork in a Spanish-speaking country under the direction of a Samford mentor and on-site mission personnel. Open to all students with intermediate-mid language proficiency or higher. May also count as an upper-level major elective. Prereq: Permission of Spanish program director and the WLAC language missions coordinator. Offered: Upon request.

#### **SPAN 370 Spanish for Business (4)**

Study of intercultural communication and advanced Spanish language proficiency as needed for business contexts. Stresses commercial vocabulary, correspondence, and documentation appropriate to a variety of professional settings. Open to any student with advanced proficiency, this very practical course may count as an upper-level elective. Required for language and world trade concentration. Prereq: At least one 4-credit 300-level class. Offered: Spring.

**SPAN 375 Advanced Grammar and Syntax (4)**

In-depth study of grammar and syntactical structures aimed at improving student language skills. Utilizes a variety of methodologies including, but not limited to, composition, translation, and stylistic analysis. Required for all majors. Prereq: Successful completion of SPAN 302. Offered: Fall.

**SPAN 401 and 402 Spanish Literature I and II (4 each course)**

Survey of the principal figures and literary movements of Spain from its beginnings to the present day. Stresses reading of primary works, critical analysis, library research, multi-draft composition, and continued development of advanced oral and written language proficiency within a literary context. Interactive class conducted in Spanish. Prereqs: Successful completion of SPAN 302; and SPAN 315, 316, 317, or the equivalent. Offered: On rotation.

**SPAN 403 and 404 Spanish American Literature I and II (4 each course)**

Survey of the principal figures and literary movements of Spanish America from its beginnings to the present day. Stresses reading of primary works, critical analysis, library research, multi-draft composition, and continued development of advanced oral and written language proficiency within a literary context. Interactive class conducted in Spanish. Prereqs: Successful completion of SPAN 302; and SPAN 315, 316, 317, or the equivalent. Offered: Fall (403); Spring (404).

**SPAN 405 and 406 Special Topics in Literature I and II (4 each course)**

Study of selected Hispanic authors, literary movements, themes, or genres. Stresses reading of primary works, critical analysis, library research, multi-draft composition, and continued development of advanced oral and written language proficiency within a literary context. Interactive class conducted in Spanish. Course(s) may be repeated for credit if topics are different. Prereqs: Successful completion of SPAN 302; and SPAN 315, 316, 317, or the equivalent. Offered: On rotation.

**SPAN 424 Senior Capstone: Second Language Teaching Methodology (4)**

Study of fundamental strategies that form the infrastructure of the teaching process for certification at all levels of second-language acquisition methodology, P-12 or 7-12. Emphasis on materials and methods appropriate to the designated levels of learning while promoting an awareness of the multiple facets of language learning. Capstone course for seniors seeking teaching certification that also includes preparation for exit oral and writing proficiency exams. Offered: Fall or Spring, as needed.

**SPAN 442 Senior Capstone: Research and Writing (4)**

Research and writing course designed to synthesize skills acquired and knowledge gained in previous coursework. Students develop a thesis, propose a solution to a problem, or produce and perform a creative work. Capstone course for language and literature majors that also includes literary readings and preparation for exit oral and writing proficiency exams. Required of all first majors. Prereqs: Senior standing, successful completion of SPAN 375 and at least one 400-level literature course, and permission of program director. Offered: Spring.

**SPAN 450 Special Studies (1-4)**

Mentored independent study in language, culture, or literature. Variable credit. May be repeated for credit if topics are different. Prereqs: At least one 4-credit upper-level course, or the equivalent, and permission of program director and instructor. Offered: As needed.

**SPAN 470 Senior Capstone: International Trade Internship (4)**

Directed student internship in an international business setting in the U.S. or abroad, mentored by Samford faculty and supervised by on-site agency personnel. Language and world trade seniors complete 160 hours of on-site work, maintain journals in the target language, and prepare for exit oral and writing proficiency exams. Prereqs: Senior standing, successful completion of SPAN 370, and permission of program director. Offered: As needed.

**CRITICAL LANGUAGES PROGRAM**

The Critical Languages Program (CLP) is a language instructional method that makes possible the offering of less-commonly taught, but highly relevant languages. The curriculum is student-centered and oriented principally toward the initial acquisition of oral skills, proceeding ultimately into the written form of the language.

Students in CLP courses work intensively with specially prepared texts and tapes, and meet in small group drill sessions twice a week with a native-speaking tutor. They continue their language practice in two additional sessions each week in WLAC's audiovisual and computer laboratories. Exams are given on an individual basis with external examiners. These examiners are professors of their respective languages at other institutions who come to campus to examine Samford CLP students at the end of each semester.

CLP courses follow the traditional semester calendar and meet Tuesdays and Thursdays. They are available to both daytime and evening (Metro) students. Courses are sequential, with successful completion of the previous course serving as prerequisite to the next. Courses numbered 101 and 201 are offered during fall semesters only; courses numbered 102 and 202 are offered during spring semesters only. A WLAC minor (see description, p. 115) is offered in any of the CLP languages, but content-based coursework beyond the 200 level can only be completed abroad in courses preapproved by the CLP director.

Critical languages offered at Samford are: Arabic, Chinese, Hindi, Italian, Japanese, Portuguese, Russian, Swahili, and Thai. Course sequences are as follows:

**ARAB/CHIN/HIND/ITAL/JAPN/PORT/RUSS/SWAH/THAI 101 and 102 Elementary I and II (4 each course)**

Introduction to understanding, speaking, reading, and writing the target language. Self-instructional (text and tape), with two intensive tutorial drills and two laboratory sessions per week. Offered: Fall (101); Spring (102).

**ARAB/CHIN/HIND/ITAL/JAPN/PORT/RUSS/SWAH/THAI 201 and 202 Intermediate I and II (4 each course)**

Continued study in understanding, speaking, reading, and writing the target language. Self-instructional (text and tape), with two intensive tutorial drills and two laboratory sessions per week. Offered: Fall (201); Spring (202).

**ARAB/CHIN/HIND/ITAL/JAPN/PORT/RUSS/SWAH/THAI 311, 321, and 331 Directed Teaching Experience I, II, and III (1 each course)**

Guided practicum in language teaching to develop the individual's linguistic, instructional, and leadership skills. Prereqs: Successful completion of 202 level in the target language, or the equivalent, and permission of program director.

**ARAB/CHIN/HIND/ITAL/JAPN/PORT/RUSS/SWAH/THAI 351 and 352 Language Study Abroad: Advanced I and II (4 each course)**

Intensive practice of audio-lingual skills and advanced grammatical structures in a setting abroad where the target language is spoken. Stresses practical communication and effective self expression in the target language.

**ARAB/CHIN/HIND/ITAL/JAPN/PORT/RUSS/SWAH/THAI 353 and 354 Language Study Abroad: Cultural Studies I and II (4 each course)**

Study of civilization and culture and overview of contemporary society in a target-culture setting abroad.

**ARAB/CHIN/HIND/ITAL/JAPN/PORT/RUSS/SWAH/THAI 360 Language for Missions Internship (1-4 each term of service)**

Missions fieldwork in a country where the target language is spoken, under the direction of a Samford mentor and on-site mission personnel. Open to all students with intermediate language proficiency or higher in the target language. Prereq: Permission of the program director and the WLAC language missions coordinator. Offered: As needed.

# School of the Arts







**Administration**

Joseph Hopkins, Dean, Professor  
 Larry Thompson, Chair, Associate Professor, Art  
 Billy J. Strickland, Associate Dean of Music, Professor, Music  
 Moya L. Nordlund, Director of Graduate Studies, Associate Professor, Music  
 Don T. Sandley, Chair, Professor, Theatre and Dance

**History**

Since the earliest years of the University's history, music and the dramatic arts have been a vital part of campus life. The college Glee Club sang at commencement, and seniors and dramatic arts students performed in campus productions during the school year. The Masquers Club, organized in 1933, invited all students to be a part of their dramatic productions. Within five years, the popularity of The Masquers Club increased to such a degree that their productions were limited to drama students only. Throughout the state, Howard College dramatic productions were well recognized, and that recognition continues to the present.

In 1948, the Board of Trustees unanimously approved the establishment of the Department of Music to offer the bachelor of music degree. Prior to that time, music was taught on campus by professional musicians from a local music school through a cooperative agreement, but a bachelor's degree was not offered. By 1952, the music curriculum was so successful that more teaching space was required to accommodate the demand for music courses. In 1970, the department was elevated to School status.

In 2001, dramatic arts, known as the Theatre Department, moved to the School of Music, and the school was renamed the School of Performing Arts with a Division of Music and a Department of Theatre. A new major, musical theatre, was introduced, in both the music division and the theatre department. In 2008, the school was renamed the School of the Arts.

In 2009, the theatre department was renamed the Department of Theatre and Dance, to recognize the expanded focus of the department. That same year, a new bachelor of fine arts in musical theatre was introduced.

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# Art

## Faculty

Larry Thompson, Chair, Associate Professor  
 Richard R. Dendy, Professor  
 Lowell C. Vann, Professor  
 Scott Fisk, Associate Professor  
 Don Rankin, Assistant Professor  
 Robin D. Snyder, Assistant Professor  
 Mary E. White, Assistant Professor

## Undergraduate Programs and Requirements

### Majors

Fine Arts  
 Fine Arts with a Concentration in Graphic Design

### Minor

Art  
 The Arts\*

The Department of Art offers majors in fine arts and in fine arts with a concentration in graphic design leading to either a bachelor of arts (if a world language is taken) or a bachelor of science (no world language requirement). The department also offers a minor in art.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. ART 200 (Art Appreciation) counts towards the general education fine arts appreciation requirement for most programs, but an additional course (usually MUSC 200 or THEA 200) is typically required to satisfy the fine arts appreciation requirement. Art history (ART 381, 382, or 383) can alone satisfy the general education fine arts requirement, if that course better meets a need or interest. An art history course can apply towards both the general education and major requirements in fine arts programs. However, students may need to complete an additional course to meet the 128 total minimum credits required for a bachelor's degree. For students pursuing a bachelor of science, there is no world language requirement.

\*See the Division of Music section for details on the interdisciplinary minor in the arts.

## Courses

### ART 101 Structure I (4)

Study of the elements of design through introduction to art materials and processes with art principles as a basis. Emphasis placed on a series of problem-solving projects and experimental 2-D studio work, primarily in black and white. Should be taken with ART 221. Offered: Fall.

### ART 102 Structure II (4)

Study of the elements of design transitioning from 2-D to 3-D. Emphasis placed on a series of problem-solving projects dealing with both 2-D and 3-D concepts that explore design elements and principles in black and white and color. Prereq: ART 101. Should be taken with ART 231. Offered: Spring.

### ART 200 Art Appreciation (2)

Survey of artistic terms, methods, and philosophy, including recognition of styles in periods of art history, and development of aesthetic experiences that better prepare students for living in society. Satisfies two credits of the general education fine arts requirement for most majors.

### ART 206 School Art (2)

Study of the materials used in elementary school art and the essentials of a qualitative art program.

## Fine Arts Major (Bachelor of Arts)

Fine Arts Major for a Bachelor of Arts Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>28-42</b>
Natural and Computational Sciences		8
Social Sciences		4
Mathematics		4
World Languages		4-16
Fine Arts*		2-4
Humanities		4
Physical Activity		2
<b>Fine Arts Major:</b>		<b>42-45</b>
Fine Arts		8
ART 101 Structure I	4	
ART 102 Structure II	4	
<b>Drawing</b> (select two courses)		<b>6</b>
ART 221 Drawing I	3	
ART 322 Drawing II	3	
ART 323 Drawing III	3	
<b>Painting</b> (select two courses)		<b>6</b>
ART 231 Painting I	3	
ART 232 Painting II	3	
ART 333 Painting III	3	
ART 334 Painting IV	3	
<b>Art History</b> (select two courses)		<b>8</b>
ART 381 Art History I	4	
ART 382 Art History II	4	
ART 383 Art History III	4	
<b>ART 450 Senior Portfolio</b>		<b>3-6</b>
<b>Art Electives</b> (in consultation with advisor)		<b>11</b>
<b>General Electives</b>		<b>19-36</b>
<b>Total Required Credits</b>		<b>128</b>

## Fine Arts Major (Bachelor of Science)

Fine Arts Major for a Bachelor of Science Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>24-26</b>
Natural and Computational Sciences		8
Social Sciences		4
Mathematics		4
Fine Arts*		2-4
Humanities		4
Physical Activity		2
<b>Fine Arts Major:</b>		<b>42-45</b>
(See Fine Arts Major for a Bachelor of Arts table for major requirements)		
<b>General Electives</b>		<b>35-40</b>
<b>Total Required Credits</b>		<b>128</b>

## Art Minor

Art Minor Required Courses	Course Credits	Total Required Credits
<b>Art Core</b>		<b>18</b>
Two structure courses (ART 101 & 102)	8	
One drawing course (ART 221, 322, or 323)	3	
One painting course (ART 231, 232, 333, or 334)	3	
One art history course (ART 381, 382, or 383)	4	
<b>Art Electives</b>		<b>4</b>
<b>Total Required Credits</b>		<b>22</b>

**Fine Arts Major with a Concentration in Graphic Design (B.S.)**

Fine Arts Major with a Concentration in Graphic Design for a Bachelor of Science Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements:</b>			<b>24-26</b>
Natural and Computational Sciences			8
Social Sciences			4
Mathematics			4
Fine Arts*			2-4
Humanities			4
Physical Activity			2
<b>Fine Arts Major-Graphic Design Concentration:</b>			<b>81-82</b>
<b>Fine Arts - Basic Courses</b>			<b>32</b>
ART 101	Structure I	4	
ART 102	Structure II	4	
ART 221	Drawing I	3	
ART 322	Drawing II	3	
ART 323	Drawing III	3	
ART 231	Painting I	3	
ART 381	Art History I	4	
ART 382	Art History II	4	
ART 383	Art History III	4	
<b>Graphic Design and Concepts - Advanced Courses</b>			<b>29-30</b>
ART 250	Graphic Production	3	
ART 251	Introduction to Computer Graphics	3	
ART 258	Typography	3	
ART 351	Web Design	3	
ART 352	History & Application of Graphic Design	3	
ART 353	Advertising: Graphic Design	3	
ART 354	Publication: Graphic Design	3	
ART 455	Externship/Independent Study	2-3	
ART 458	Interactive Computer Multimedia	3	
ART 459	Senior Portfolio - Graphic Design	3	
<b>Art Electives (in consultation with advisor)</b>			<b>20</b>
<b>Total Required Credits</b>			<b>128-130</b>

**Fine Arts Major with a Concentration in Graphic Design (B.A.)**

Fine Arts with a Concentration in Graphic Design for a Bachelor of Arts Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements</b>			<b>28-42</b>
Natural and Computational Sciences			8
Social Sciences			4
Mathematics			4
World Languages			4-16
Fine Arts			2-4
Humanities			4
Physical Activity			2
<b>Fine Arts Major-Graphic Design Concentration:</b>			<b>81-82</b>
(See Fine Arts Major w/a Concentration in Graphic Design Bachelor of Science table for major requirements)			
<b>Total Required Credits</b>			<b>131-146</b>

\*Students can use art history (ART 381, 382, 383) to count towards the general education fine arts requirement as well as for their major. However, they may need to complete an additional course to meet the 128 total credits required for this program.

**ART 210 Basic Photography (3)**

Introduction to a basic knowledge of photography as a medium of expression. Includes the history of photography, working knowledge of 35mm cameras, and basic darkroom printing techniques in black and white. The course approaches photography as an art form and not merely as a technical means to preserve images. Offered: Fall and Spring.

**ART 221 Drawing I (3)**

Exploration of a variety of drawing media - pencil, charcoal, conte crayon, and ink - with emphasis on line, form, value, texture, and space. No previous experience necessary. Art majors and minors should take this course in combination with ART 101. Offered: Fall.

**ART 231 Painting I (3)**

Study of various techniques for the use of acrylic paints, polymer, gesso, etc., combined with the study of the elements of design. Prereqs: ART 101 and ART 221. Offered: Fall.

**ART 232 Painting II (3)**

Study of various techniques for the use of watercolor combined with the study of the elements of design. Prereqs: ART 101, 102, 221, and 231. Offered: Fall.

**ART 240 Ceramics (3)**

Study of various forming methods and cycles of ceramic production for the creation of pottery and other clay applications. Offered: Fall and Spring.

**ART 250 Graphic Production (3)**

Introduction to production theory and application which serve as the basis for all future design skills. Development of skills and creative processes necessary for mass production of print materials, incorporating traditional hand production (for theoretical insight) as well as the use of various imaging and page layout software. Prereq: ART 102. Offered: Fall, in conjunction with ART 251.

**ART 251 Introduction to Computer Graphics (3)**

Application of design principles through computer software and media. Introduction to hardware and system interface as well as to foundation software for page layout, vector-based imaging, and bitmap imaging. Prereq: ART 102. Offered: Fall, in conjunction with ART 250. (Formerly ART 257)

**ART 258 Typography (3)**

Exploration of techniques, tools, methods of typographic expression, and symbols and communicative skills of the printed letter or word, with emphasis on design and type. Offered: Spring. (Formerly ART 255)

**ART 260 Printmaking I (3)**

Introduction to printmaking, including the processes of silk screen and wood cuts. Offered: Spring.

**ART 261 Letterpress Printmaking (3)**

Use of the letterpress printmaking process to create projects with graphic design content. Historic overview of letterpress printmaking from 1450 to the present. Prereqs: ART 250 and ART 251. Offered: Jan Term.

**ART 270 Sculpture I (3)**

Study of the history of sculpture, including experimentation with basic sculpture materials, using clay, wood, and plaster.

**ART 301 Art Appreciation (3)**

Study of artistic terms, methods, and philosophy, including recognition of styles in periods of art history, and development of aesthetic experiences that better prepare students for living in society. Because of additional coursework, class time, and art works, this course, offered only during Jan Term, is much more intensive than a comparable course offered during a regular semester. Satisfies three credits of the general education fine arts requirement for most majors. Offered: Jan Term.

**ART 322 Drawing II (3)**

Analysis and rendering of line, form, value, and tone, with special emphasis on personal style, still life, and nature in single and mixed media. Prereq: ART 221.

**ART 323 Drawing III (3)**

Drawing from human models. Prereq: ART 221.

**ART 333 and 334 Painting III and IV (3 each course)**

Development of individual work in painting through practice and criticism as the student searches for personal style and expression. Prereq for ART 333: ART 231. Prereq for ART 334: ART 231, 232, or 333. Offered: Fall (333); Jan Term (334).

**ART 340 Advanced Ceramics (3)**

Continued study and use of the basics learned in Ceramics, with emphasis placed on wheel throwing, glazing, and firing. Prereq: ART 240. Offered: Fall and Spring.

**ART 351 Web Design (3)**

Application of design principles through advanced computer software and media. Review of vector and bitmap imaging software and introduction to Web-specific imaging and Web-production software. Prereqs: ART 250 and ART 251. Offered: Spring.

**ART 352 History and Application of Graphic Design (3)**

Study and application of design from its origins to contemporary design. Includes portfolio design projects with consideration of specific periods, styles, and subjects. Prereqs: ART 250 and ART 251. Offered: Spring.

**ART 353 Graphic Design: Advertising (3)**

Introduction to marketing and advertising strategy and practice, and application of that strategy through visual design. Includes corporate identity development and collateral materials, print and television advertising, direct mail, and advertising/marketing planning. Prereqs: ART 250 and ART 251. Offered: Spring.

**ART 354 Graphic Design: Publication (3)**

In-depth study of page layout, grid system, and design sequence through development of a publication. Includes corporate identity development and direct mail. Emphasis placed on development of a cohesive design which can embrace diversity of content while presenting continuity of form. Prereqs: ART 250 and ART 251. Offered: Fall.

**ART 356 Illustration (3)**

Introduction to editorial and advertising illustration, primarily through traditional methods and media. Examination of creative process, design principles, and the discipline of illustration as a profession. Prereqs: ART 102 and ART 231. Offered: Fall.

**ART 358 Photodesign (3)**

Study and practice of photography as a vital part of graphic design. Photography-driven projects explore both location and studio techniques through digital imaging. Access to a digital camera capable of manual override is required. Limited access to a camera may be provided by the art department. Prereq: ART 250 and 251. Offered: Spring.

**ART 360 Printmaking II (3)**

Continued exploration of printmaking, including techniques of etching. Builds upon foundational work in Printmaking I (ART 260). Offered: Spring.

**ART 380 History of Fashion and Costume (3)**

Study of historical clothing as dress and stage costuming, from primitive apparel to present fashion. Co-listed as THEA 380. Offered: Fall, on rotation.

**ART 381 History and Theory of Art, Architecture, and Design I (4)**

Study of art, architecture, graphics, and interior design from prehistory to the Gothic Age, including their place in cultural, social, political, economic, and religious settings. Offered: On rotation.

**ART 382 History and Theory of Art, Architecture, and Design II (4)**

Study of art, architecture, graphics, and interior design from late Gothic to Neoclassicism and Romanticism including their place in cultural, social, political, economic, and religious settings. Offered: On rotation.

**ART 383 History and Theory of Art, Architecture, and Design III (4)**

Study of art, architecture, graphics, and interior design from Realism to the present time, including their place in cultural, economic, social, political, and religious settings. Offered: On rotation.

**ART 390 Multimedia (3)**

Exploration of experimental and mixed watercolor techniques, including unusual ways of using watercolor to create texture and form. Offered: Jan Term.

**ART 401 Workshop I (1)**

Independent study in any media for advanced art students. Content to be decided in consultation between student and supervising faculty member.

**ART 402 Workshop II (2)**

Independent study in any media for advanced art students. Content to be decided in consultation between student and supervising faculty member.

**ART 403 Workshop III (3)**

Independent study in any media for advanced art students. Content to be decided in consultation between student and supervising faculty member.

**ART 450 Senior Portfolio (3-6)**

Final portfolio, under supervision of the faculty, for senior art students, with periodic evaluation by professionals. The advanced nature of these assignments is designed to produce portfolio examples for job-hunting or graduate school.

**ART 451 Video Motion Graphics (3)**

Introduction to digital video production. Objectives include how to use a Macintosh computer as a video editing and creation tool, and exploration of lighting, camera technique, and video effects.

**ART 455 Externship and Independent Study (2-3)**

Opportunity for advanced students to gain valuable work experience for credit as they near completion of their collegiate experience. Several internships with local businesses are available. Co-req: ART 494.

**ART 456 Advanced Illustration (3)**

Study of contemporary image making through vector and bitmap applications. Traditional media and processes are reviewed and practiced where appropriate. Examination of creative process, design principles, and the discipline of illustration as a profession. Prereqs: ART 102, 231, and 251. Offered: Spring.

**ART 458 Interactive Computer Multimedia (3)**

Introduction to computer multimedia. Objectives include how to create CD-ROMs, DVDs, and Internet sites using sound, movement, and interactivity cohesively.

**ART 459 Senior Portfolio-Graphic Design (3)**

Directed study of an individually determined subject, intended to be the focus of the undergraduate portfolio. Final design course taken prior to graduation. Prereq: ART 250, 251, 352, 353, 354, 455, and 458. Offered: Fall and Spring.

**ART 480 Art History Independent Study (3)**

Independent study and/or selected research in an area of art history that is of particular interest or has a personal application to the student's field of study.

**ART 494 Internship Summer/Jan Term (1)**

Independent study in which the student gains practical experience while working in an art/graphic design-related business. Grading is pass/fail. Co-requisite: ART 455. Offered: Summer and Jan Term.

# Music Division

## Faculty

Joseph Hopkins, Dean, Professor  
 Billy J. Strickland, Associate Dean of Music, Professor  
 Moya L. Nordlund, Director, Graduate Studies, Associate Professor  
 James J. Smisek, Chair, Instrumental Studies, Assistant Professor  
 Donald C. Sanders, Chair, Keyboard and Academic Studies, Professor  
 Sharon L. Lawhon, Chair, Vocal/Choral Studies, Associate Professor  
 Timothy Paul Banks, Professor  
 G. William Bugg, Professor  
 James A. Jensen, Professor  
 W. Randall Richardson, Professor  
 Ronald R. Shinn, Professor  
 H.E. Tibbs, Professor  
 Cameron Crotts, Associate Professor  
 Kathryn Fouse, Associate Professor  
 Tzu-Ling Sarana Chou, Assistant Professor  
 Grant B. Dalton, Assistant Professor  
 Jeffrey Z. Flaniken, Assistant Professor  
 Margaret E. McGinnis, Assistant Professor  
 Paul A. Richardson, Research Professor  
 S. Milburn Price, Jr., Senior Lecturer  
 Kevin J. Kozak, Lecturer  
 Kathleen Costello, Instructor  
 William J. Dorroh, Instructor  
 Laura Doss, Instructor  
 Brian Doyle, Instructor  
 Angela M. Flaniken, Instructor  
 Robert B. Hatfield, Instructor  
 Judith S. Hicks, Instructor  
 Melodie S. King, Instructor  
 Stephen B. Knight, Instructor, University Carillonneur  
 Jeffrey Koonce, Instructor  
 Daniel E. Lawhon, Instructor  
 Connie Macon, Instructor  
 Tariq Masri, Instructor  
 Patricia Jean Pilon, Instructor  
 R. Scott Robertson, Instructor  
 K. Lee Scott, Instructor  
 Karlo Senasi, Instructor  
 Barbara A. Shinn, Instructor  
 James B. Sullivan, Instructor  
 Jaroslaw P. Szurek, Instructor, Assistant Librarian  
 Sallie White, Instructor  
 Lisa Jane Wienhold, Instructor

## Mission

The mission of the Division of Music at Samford University is to nurture persons by developing musical skills, knowledge, and understanding appropriate to their vocational objectives and personal needs, within the framework of curricula and extra-curricular activities provided at this institution, and to contribute to the fulfillment of the broader mission of the University.

## General Information

Music study at Samford University is essentially a threefold program, including training in basic musicianship, training in specialized professional areas, and studies in the liberal arts. The core of the program is musicianship-continuous study in music performance, including solo and ensemble experiences, along with extensive work in music theory. In specialized areas, such as teacher training, composition, and church music, requirements include training and experiences in the special skills and knowledge appropriate to the respective degree program to equip the graduate to function effectively on the professional level. The liberal arts requirements contribute to the breadth of knowledge appropriate for the professional musician.

The Division of Music of the School of the Arts is an accredited institutional member of the National Association of Schools of Music, and the teacher education program is accredited by the Alabama State Department of Education. In addition to the academic program, a wide variety of ensembles offer opportunities to both music and non-music majors for meaningful experiences in music making. University ensembles include A Cappella Choir, Marching Band, Symphonic Band, Wind Ensemble, OperaWorks, University Chorale, Orchestra, Musical Theatre Ensemble, and numerous chamber ensembles.

## Undergraduate Programs and Requirements

Majors	Minor
Church Music	Music
Music	The Arts
Music (Education) with a Concentration in	
Instrumental Music	
Vocal/Choral Music	
Performance	
Instrumental Music	
Organ	
Piano	
Piano with Emphasis in Piano Pedagogy	
Voice	
Theory/Composition	

The Division of Music offers undergraduate programs that meet requirements for the bachelor of arts, the bachelor of science, the bachelor of music education, and the bachelor of music degrees. Majors include church music, music (stand alone or with concentrations in instrumental music and vocal/choral), performance (instrumental music, organ, piano, piano with emphasis in piano pedagogy, and voice), and theory/composition. Degrees offered through the graduate program include the master of music and the master of music education. (See p. 211 for details.) The music division also offers a minor in music and, in cooperation with the Department of Art and the Department of Theatre and Dance, offers an interdisciplinary minor in the arts.

## Student Objectives

**Bachelor of Arts in Music:** This degree is designed for students desiring to major in music within the framework of a liberal arts degree. The degree is intended to serve the needs of undergraduate students who are interested in a broad program of general studies and who wish also to develop their musical skills and knowledge.

**Bachelor of Music in Church Music:** This degree is designed for students committed to vocational ministry as a church musician. The program includes study as performer, conductor, and minister.

**Bachelor of Music in Performance:** These degrees (instrumental music, organ, piano, and voice) are designed for students highly motivated toward excellence in performance. The student combines studies in basic musicianship and music history with concentrated emphasis in the major performance area.

**Bachelor of Music in Performance: Piano with Emphasis in Piano Pedagogy:** This degree is designed for piano majors who have a strong interest in teaching as well as performance.

**Bachelor of Music in Theory/Composition:** This degree is designed for students pursuing a career in the field of music theory and/or composition. Most students in this field continue their study with graduate-level work in the discipline.

**Bachelor of Music Education in Music:** This degree (with concentration options of instrumental music and vocal/choral music) is designed for students who wish to prepare for a career as a music educator at either the elementary or secondary level. Practical experiences in teaching music are provided in the greater Birmingham area.

**Bachelor of Science in Music:** This degree is designed for students who would like to combine premedical studies with concentrated studies in music.

### Admission Policies

Students desiring to major in music must be admitted to the Division of Music in addition to gaining admission to the University. All prospective music majors must audition in their principal performance area(s) and take placement examinations in music theory and piano.

Appointments for auditions and placement examinations must be made in advance by writing to the Arts Recruiter, School of the Arts, Samford University, Birmingham, AL 35229. Students will be notified by mail of the results of the auditions and will be admitted for registration as music majors only if they have acceptance notices sent by the dean of the School of the Arts.

Transfer students desiring to major in music must audition in the principal performance area(s) and take a placement examination in music theory and piano to determine both acceptance and transfer of credit. Transfer of credit for other music courses is determined by either placement examinations or review of the student's previous work in an equivalent course.

Students desiring to minor in music must audition in the principal performance area and take a music theory placement examination.

Non-music majors desiring instruction in applied music may register for private or group instruction only with the permission of the associate dean.

### Progression Policy for Bachelor of Music Education

Once admitted into the bachelor of music education program with a major in music, a 3.00 GPA requirement must be maintained in all areas: cumulative, major courses, and education courses. These GPA requirements also pertain to graduation and certification.

Degree and Major	Minimum Recital Requirements
Bachelor of Arts in Music	1/2 hour recital
Bachelor of Music in Church Music	1/2 hour recital
Bachelor of Music in Performance	1/2 hour junior recital 1 hour senior recital
Bachelor of Music in Piano Performance/ Pedagogy	1 hour senior recital
Bachelor of Music in Theory/Composition	1/2 hour composition recital 1/2 hour performance recital
Bachelor of Music Education in Music	1/2 hour recital
Bachelor of Science in Music	1/2 hour recital

### Certification/Proficiencies

**Recital Attendance.** All music majors and minors are required to attend student, guest artist, and faculty recitals. Weekly attendance at Music Activity Hour (MUSC 0999) is also required. Music majors must complete seven semesters of MUSC 0999. Music minors must complete four semesters of MUSC 0999. (See the *Division of Music Handbook* for details.)

**Performance.** One of the most important aspects of a music major's educational experience is the area of performance. The requirements for number of credits in performance appear in the curricular tables for the various degrees in music. The minimum recital requirements are listed in the table below.

**Piano Proficiency.** All non-keyboard majors must pass a piano proficiency examination before graduating. Such students must enroll for piano study each semester until the piano proficiency examination has been passed. All degree candidates must complete piano proficiency requirements before auditioning for a senior recital. Music education majors must complete all piano proficiency requirements before enrolling for student teaching.

**Student Accompanying.** All keyboard principals are required to complete a minimum of two semesters of supervised accompanying. One credit will be given in ensemble for each semester of accompanying completed.

**Grade Restrictions.** No grade below C- in music courses required for a bachelor of music or a bachelor of music education degree will count toward fulfillment of degree requirements. For students pursuing a bachelor of arts or bachelor of science degree with a major in music, no grade below C- in MUSC 1510, 1511, 1520, 1521, 2530, 2531, 2540, or 2541 will count toward fulfillment of music major requirements.

### Upper Level Standing

Each music major will be evaluated for approval for upper level status at the end of two years of music study. Upper level standing application forms are available in the music office. Each student should apply no later than April 1 in the spring semester of the sophomore year. Consult the manual for undergraduate studies for more details.

Ensemble Requirements by Major						
Major	Performance Emphasis/ Concentration	Overall Ensemble Credits	Specific Ensemble Credits	Specific Ensemble Detail		
Church Music	Instrumental	8	2	MUSC 1720/3720 MUSC 1721/3721	University Chorale A Cappella Choir	Must take at least two semesters of a choral ensemble from the four course options at left
Church Music	Keyboard	8	2	MUSC 1740	Accompanying	Must take twice
Church Music	Vocal	8				Any major vocal ensemble
Music (B.A. or B.S.)	Keyboard	8	2	MUSC 1740	Accompanying	Optional substitution for two semesters
Music (B.A. or B.S.)	All others	8				Any ensemble
Theory/Composition	Keyboard	8	2	MUSC 1740	Accompanying	Optional substitution for two semesters
Performance: Instrumental Music		10	2	MUSC 1732	Chamber Ensembles	Must take twice
Performance: Organ		8	2-4	MUSC 1740	Accompanying	Must take twice, but can take four times
Performance: Piano		8	2-4	MUSC 1740	Accompanying	Must take twice, but can take four times
Performance: Piano w/Pedagogy Emphasis		8	2-4	MUSC 1740	Accompanying	Must take twice, but can take four times
Performance: Voice		8	2	MUSC 1723/3723	OperaWorks	Must take twice
			4	MUSC 1720/3720 MUSC 1721/3721	University Chorale A Cappella Choir	Must take four times, any combo of the four course options at left
Music: Instr Music Conc (B.M.E.)	Keyboard	7	2	MUSC 1740	Accompanying	Must take twice
Music: Instrumental Concentration (B.M.E.)	All others	7	see note			Any ensemble, especially those in areas the student plans to teach
Music: Vocal/Choral Concentration (B.M.E.)		7	2	MUSC 1722/3722 MUSC 1723/3723	Music Theatre Ensemble OperaWorks	Optional substitution for a major choral ensemble

Ensembles: MUSC 1720-1723, 1730-1733, 1739-1740, 3720-3723, 3730-3731, 3733, 3739 (see p. 210 for descriptions and additional information).

## Ensembles

Students with an undergraduate major in music must register for at least one major ensemble each semester in residence. At Samford University the following groups are defined as major ensembles: A Cappella Choir, Marching Band, Musical Theatre Ensemble, OperaWorks, Orchestra, Symphonic Band, University Chorale, and Wind Ensemble. See the table at left.

The following guidelines apply to participation by music division majors:

1. Music education students should participate in ensembles in the area in which they plan to student-teach.
2. Vocal/choral music education majors may substitute two credits in OperaWorks or Music Theatre Ensemble for two credits in a major choral ensemble. Church music majors with vocal emphasis may complete their required eight ensemble credits in any major vocal ensemble.
3. Vocal performance majors must take a minimum of two semesters of OperaWorks and four semesters of a choral ensemble (either A Cappella Choir or University Chorale). The other two credits may be chosen from any of these ensembles.
4. Organ performance majors, piano performance majors, and music education and church music majors with keyboard emphasis must fulfill two of the eight credits of ensemble requirements by taking MUSC 1740 (Accompanying) for two semesters. Organ performance majors and piano performance majors may fulfill two additional credits of ensemble requirements by taking two additional credits of MUSC 1740.
5. Students with keyboard emphasis pursuing the B.M. degree with a major in theory/composition, the B.A. degree with a major in music, or the B.S. degree with a major in music may fulfill two of the eight credits of ensemble requirements by taking MUSC 1740 (Accompanying) for two semesters.
6. Church music majors with instrumental performance emphasis must take at least two semesters of choral ensemble (either A Cappella Choir or University Chorale).
7. Instrumental music performance majors must complete two credits in Chamber Ensembles.

## University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. General Education Requirements are detailed in the individual degree tables, with some exceptions. In those cases where a requirement is not specified, consult pp. 64 and 154 for a list of applicable courses.

## Music Minor

Students must register for two credits for each semester of study in the principal performance area and must take a jury examination at the end of each semester. The ensemble credits must be in major ensembles.

Music Minor Required Courses	Course Credits	Total Required Credits
MUSC 0999 MAH/Recital Attendance (four semesters)	0	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
MUSC 3400 Introduction to Music Literature*	2	
Principal Performance Area	8	
Ensemble	4	
Music Electives (not additional ensembles)	2	
<b>Total Required Credits</b>		<b>24</b>

MAH=Music Activity Hour

\*MUSC 3400 meets the general education requirement of MUSC 200 for music minors.

## Minor in the Arts

The arts minor is focused on broad experience in music, theatre/dance, and art. The minor includes experience in contextual/historical, performance, foundational, and elective courses across the various areas of the School of the Arts.

Minor in the Arts Required Courses	Course Credits	Total Required Credits
<b>Arts Core</b>		<b>12</b>
(12 credits required in the Arts Core, including the minimum number stated within each subgroup below.)		
<b>History/Literature Course</b> (complete at least 2 credits)		
ART 381 Art History I <i>or</i>	4	
ART 382 Art History II <i>or</i>		
ART 383 Art History III		
MUSC 3400 Introduction to Music Literature	2	
THEA 330 Theatre History & Literature I	3	
THEA 331 History of Theatre, Architecture, Production Practices, and Persons: Origins to the Present*	4	
THEA 332 Theatre History & Literature II	3	
THEA 333 Dramatic Literature: History, Genre, Plays, & Playwrights*	4	
<b>Foundations Courses</b> (complete at least 4 credits)		
ART 101 Structure I	4	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
THEA 242 Fundamentals of Design	3	
THEA 341 Set Design	3	
THEA 343 Lighting Design	3	
THEA 344 Makeup Design	3	
THEA 345 Costume Design	3	
<b>Performance Course</b> (complete at least 2 credits)		
ART 221 Drawing I	3	
ART 231 Painting I	3	
ART 240 Ceramics	3	
DANC 101 Ballet I	1	
DANC 102 Ballet II	1	
THEA 212 Acting I	3	
Applied Music Lessons (juried)**	2-6	
<b>Arts Electives</b>		<b>12</b>
Art Electives	4	
Music Electives	4	
Theatre/Dance Electives	4	
<b>Total Required Credits</b>		<b>24</b>

\* See the 2008-09 catalog for a course description of THEA 331 & 333.

\*\* Permission of the associate dean is required before enrolling in applied music lessons; an audition may be required.

Note: At least six (6) hours required in the minor must be upper-level credits. School of the Arts majors may only include four (4) hours from their major discipline; these credits will be counted as elective credits within the minor.

### Church Music Major

Church Music Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>22</b>
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics or Natural Science</b> (choose one)		<b>4</b>
IDSC 201 Scientific Methods	4	
MATH 110 Contemporary Mathematics	4	
MATH 150 Precalculus	4	
MATH 210 Elementary Statistics	4	
MATH 240 Calculus I	4	
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Other General Ed: Religion</b>		<b>4</b>
<b>Church Music Major:</b>		<b>87-92</b>
<b>Music</b>		<b>65</b>
MUSC 0999 MAH/Recital Attendance (seven times)	0	
MUSC 1200 Basic Conducting	2	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
MUSC 1610 Diction for Singers I	1	
MUSC 1620 Diction for Singers II	1	
MUSC 2500 Introduction to Music Technology	2	
MUSC 2530 Theory III	3	
MUSC 2531 Theory Lab III	1	
MUSC 2540 Theory IV	3	
MUSC 2541 Theory Lab IV	1	
MUSC 3170 Introduction to Music Ministry	2	
MUSC 3220 Choral Conducting	2	
MUSC 3310 Methods and Materials	3	
MUSC 3400 Introduction to Music Literature	2	
MUSC 3401 Music History I	4	
MUSC 3402 Music History II	4	
MUSC 3510 Form and Analysis	3	
MUSC 3530 Orchestration	3	
MUSC 4170 Hymnology	2	
MUSC 4180 Church Music Internship	1	
MUSC 4190 Music and Worship	2	
MUSC 4422 Survey of Choral Literature	2	
MUSC 4499 Senior Seminar in Music	2	
MUSC 4510 Counterpoint	3	
MUSC 4699 Senior Performance Recital	0	
Ensemble* (two credits each year) (see table on pp. 200-201 for more information)	8	
<b>Performance Concentration</b> (choose one):		<b>22-27</b>
<b>Keyboard Concentration (26 hrs)</b>		
Principal (four credits each year)	16	
Secondary	4	
MUSC 2551 Keyboard Harmony I	1	
MUSC 2552 Keyboard Harmony II	1	
MUSC 3151 Service Playing I	1	
MUSC 3152 Service Playing II	1	
MUSC 4640 Piano Pedagogy (3) <i>or</i>	2-3	
MUSC 4650 Organ Pedagogy (2)		
<b>Vocal Concentration (22 hrs)</b>		
Principal (four credits each year)	16	
Secondary**	4	
MUSC 4620 Vocal Pedagogy	2	
<b>Instrumental Concentration (22 hrs)</b>		
Principal (four credits each year)	16	
Secondary**	4	
Music Elective	2	
<b>Total Required Credits</b>		<b>131-136</b>

\*One credit recommended in OperaWorks (MUSC 1723/3723).  
 \*\*Piano proficiency examination required for minimum requirement. Otherwise, additional study will be necessary.

### Music Major (Bachelor of Arts)

Music Major for a Bachelor of Arts Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>30-42</b>
<b>Natural and Computational Sciences</b>		<b>8</b>
IDSC 201 Scientific Methods	4	
Any lab science course	4	
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics</b>		<b>4</b>
<b>World Languages</b>		<b>4-16</b>
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Music Major (Bachelor of Arts):</b>		<b>59</b>
<b>Music</b>		<b>57</b>
MUSC 0999 MAH/Recital Attendance (seven times)	0	
MUSC 1200 Basic Conducting	2	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
MUSC 2500 Introduction to Music Technology	2	
MUSC 2530 Theory III	3	
MUSC 2531 Theory Lab III	1	
MUSC 2540 Theory IV	3	
MUSC 2541 Theory Lab IV	1	
MUSC 3220 Choral Conducting <i>or</i>	2	
MUSC 3230 Instrumental Conducting		
MUSC 3400 Introduction to Music Literature	2	
MUSC 3401 Music History I	4	
MUSC 3402 Music History II	4	
MUSC 3510 Form and Analysis	3	
MUSC 4699 Senior Performance Recital	0	
Performance Area Principal: First Year (4), Second Year (4), and Third Year (4)	12	
Secondary*	2	
Major Ensembles (see table on pp. 200-201 for more information)	8	
<b>Supplementary Performance Requirements:</b>		<b>2</b>
<b>Vocal Concentration</b>		
MUSC 1610 Diction for Singers I	1	
MUSC 1620 Diction for Singers II	1	
<b>Keyboard/Piano Concentration</b>		
MUSC 2551 Keyboard Harmony I	1	
MUSC 2552 Keyboard Harmony II	1	
<b>Keyboard/Organ Concentration</b>		
MUSC 3151 Service Playing I	1	
MUSC 3152 Service Playing II	1	
<b>Instrumental Concentration</b>		
MUSC 4430 Survey of Symphonic Literature	2	
<b>General Electives</b>		<b>5-17</b>
<b>Total Required Credits</b>		<b>128</b>

\* If the principal instrument is not piano, the student will register for class piano until proficiency requirements are successfully completed.



**Music Major (Bachelor of Science)**

<b>Music Major for a Bachelor of Science Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>59</b>
<b>Natural and Computational Sciences</b>		<b>37</b>
BIOL 110 Human Biology	4	
Select two courses from the following: BIOL 301 Mammalian Anatomy (4) BIOL 302 Mammalian Physiology (4) BIOL 325 General Microbiology (4) BIOL 333 Genetics (4) BIOL 405 Cell and Molecular Biology (4)	8	
CHEM 205/206 Foundations of Chemistry w/Lab	5	
CHEM 215/216 Fundamentals of Chemistry w/Lab	4	
CHEM 315/316 Organic Reactions & Mech w/Lab	4	
CHEM 325/326 Quantitative Analysis w/Lab	4	
PHYS 101 General Physics I	4	
PHYS 102 General Physics II	4	
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics</b>		<b>8</b>
MATH 210 Elementary Statistics	4	
MATH 240 Calculus I	4	
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Music Major (Bachelor of Science):</b>		<b>59</b>
(See Bachelor of Arts table for major requirements)		
<b>Total Required Credits</b>		<b>140</b>

NOTE: If the principal instrument is not piano, the student will register for class piano until proficiency requirements are successfully completed.

**Theory/Composition Major**

<b>Theory/Composition Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>18</b>
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics or Natural Science (choose one)</b>		<b>4</b>
IDSC 201 Scientific Methods	4	
MATH 110 Contemporary Mathematics	4	
MATH 150 Precalculus	4	
MATH 210 Elementary Statistics	4	
MATH 240 Calculus I	4	
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Theory/Composition Major:</b>		<b>91</b>
MUSC 0999 MAH/Recital Attendance (seven times)	0	
MUSC 1200 Basic Conducting	2	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
MUSC 2500 Introduction to Music Technology	2	
MUSC 2530 Theory III	3	
MUSC 2531 Theory Lab III	1	
MUSC 2540 Theory IV	3	
MUSC 2541 Theory Lab IV	1	
MUSC 2551 Keyboard Harmony I	1	
MUSC 2552 Keyboard Harmony II	1	
MUSC 2570 Composition I	2	
MUSC 2580 Composition II	2	
MUSC 3220 Choral Conducting <i>or</i> MUSC 3230 Instrumental Conducting	2	
MUSC 3400 Introduction to Music Literature	2	
MUSC 3401 Music History I	4	
MUSC 3402 Music History II	4	
MUSC 3510 Form and Analysis	3	
MUSC 3530 Orchestration	3	
MUSC 3540 Composition III/Electronic Music Comp	3	
MUSC 3550 Composition IV	3	
MUSC 3931* Class Strings	1	
MUSC 3932* Class Woodwinds	1	
MUSC 3933* Class Brass	1	
MUSC 3934* Class Percussion	1	
Music Literature (select one course) MUSC 4421 Survey of Vocal Literature <i>or</i> MUSC 4430 Survey of Symphonic Literature <i>or</i> MUSC 4440 Survey of Piano Literature <i>or</i> MUSC 4450 Survey of Organ Literature	2	
MUSC 4499 Senior Seminar in Music	2	
MUSC 4599 Senior Composition Recital	0	
MUSC 4510 Counterpoint	3	
MUSC 4560 Composition V	3	
MUSC 4570 Composition VI	3	
MUSC 4699 Senior Performance Recital	0	
Performance Area Principal: First Year (4), Second Year (4), Third Year (4), and Fourth Year (2)	14	
Secondary**	2	
Major Ensembles (two credits each year) (see pp. 200-201 for more information)	8	
<b>Total Required Credits</b>		<b>131</b>

\*May be waived for proficiency by faculty committee.

\*\*If the principal instrument is not piano, the student will register for class piano until proficiency requirements are completed.

**Performance: Instrumental Music Major**

Performance: Instrumental Music Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>22</b>
<b>Mathematics or Natural Science</b> (choose one)		<b>4</b>
IDSC 201 Scientific Methods	4	
MATH 110 Contemporary Mathematics	4	
MATH 150 Precalculus	4	
MATH 210 Elementary Statistics	4	
MATH 240 Calculus I	4	
<b>Fine Arts, Humanities, and Social Sciences</b> (Choose two areas below and complete four credits in each.)		<b>8</b>
Fine Arts	4	
Humanities	4	
Social Science	4	
<b>World Languages</b>		<b>8</b>
Two courses in either French or German	8	
<b>Physical Activity</b>		<b>2</b>
<b>Performance-Instrumental Music Major:</b>		<b>84</b>
MUSC 0999 MAH/Recital Attendance (seven times)	0	
MUSC 1200 Basic Conducting	2	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
MUSC 2500 Introduction to Music Technology	2	
MUSC 2530 Theory III	3	
MUSC 2531 Theory Lab III	1	
MUSC 2540 Theory IV	3	
MUSC 2541 Theory Lab IV	1	
MUSC 3230 Instrumental Conducting	2	
MUSC 3400 Introduction to Music Literature	2	
MUSC 3401 Music History I	4	
MUSC 3402 Music History II	4	
MUSC 3510 Form and Analysis	3	
MUSC 3530 Orchestration	3	
MUSC 4430 Symphonic Literature	2	
MUSC 4499 Senior Seminar in Music	2	
MUSC 4510 Counterpoint	3	
MUSC 4630 Instrumental Pedagogy	1	
MUSC 4699 Senior Performance Recital	0	
Performance Area Principal: First Year (4), Second Year (6), Third Year (6), and Fourth Year (6)	22	
Secondary*	4	
Major Ensembles: First Year (2), Second Year (2), Third Year (2), and Fourth Year (2)**	8	
Chamber Ensembles (MUSC 1732)	2	
Music elective	2	
<b>Total Required Credits</b>		<b>128</b>

\*Proficiency examination required for minimum requirement. Otherwise, additional study will be necessary.

\*\*See pp. 200-201 for more information on ensemble requirements.

**Performance: Organ Major**

Performance: Organ Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>22</b>
<b>Mathematics or Natural Science</b> (choose one)		<b>4</b>
IDSC 201 Scientific Methods	4	
MATH 110 Contemporary Mathematics	4	
MATH 150 Precalculus	4	
MATH 210 Elementary Statistics	4	
MATH 240 Calculus I	4	
<b>Fine Arts, Humanities, and Social Sciences</b> (Choose two areas below and complete four credits in each.)		<b>8</b>
Fine Arts	4	
Humanities	4	
Social Science	4	
<b>World Languages</b>		<b>8</b>
Two courses in either French or German	8	
<b>Physical Activity</b>		<b>2</b>
<b>Performance-Organ Major:</b>		<b>93</b>
MUSC 0999 MAH/Recital Attendance (seven times)	0	
MUSC 1200 Basic Conducting	2	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
MUSC 2500 Introduction to Music Technology	2	
MUSC 2530 Theory III	3	
MUSC 2531 Theory Lab III	1	
MUSC 2540 Theory IV	3	
MUSC 2541 Theory Lab IV	1	
MUSC 2551 Keyboard Harmony I	1	
MUSC 2552 Keyboard Harmony II	1	
MUSC 3151 Service Playing I	1	
MUSC 3152 Service Playing II	1	
MUSC 3220 Choral Conducting <i>or</i> MUSC 3230 Instrumental Conducting	2	
MUSC 3400 Introduction to Music Literature	2	
MUSC 3401 Music History I	4	
MUSC 3402 Music History II	4	
MUSC 3510 Form and Analysis	3	
MUSC 3530 Orchestration	3	
MUSC 4170 Hymnology	2	
MUSC 4190 Music and Worship	2	
MUSC 4450 Survey of Organ Literature	2	
MUSC 4499 Senior Seminar in Music	2	
MUSC 4510 Counterpoint	3	
MUSC 4650 Organ Pedagogy	2	
MUSC 4699 Senior Performance Recital	0	
Performance Area Principal: First Year (6), Second Year (6), Third Year (6), and Fourth Year (6)	24	
Secondary	6	
Major Ensembles: First Year (2), Second Year (2), Third Year (2), and Fourth Year (2)*	8	
<b>Total Required Credits</b>		<b>137</b>

\*Two of the eight ensemble credits must be in MUSC 1740. See pp. 200-201 for more information.

## Performance: Piano Major

Performance: Piano Major Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements:</b>			<b>22</b>
<b>Mathematics or Natural Science</b> (choose one)			<b>4</b>
IDSC 201	Scientific Methods	4	
MATH 110	Contemporary Mathematics	4	
MATH 150	Precalculus	4	
MATH 210	Elementary Statistics	4	
MATH 240	Calculus I	4	
<b>Fine Arts, Humanities, and Social Sciences</b> (Choose two areas below and complete four credits in each.)			<b>8</b>
Fine Arts		4	
Humanities		4	
Social Science		4	
<b>World Languages</b>			<b>8</b>
Two courses in either French or German		8	
<b>Physical Activity</b>			<b>2</b>
<b>Performance-Piano Major:</b>			<b>88</b>
MUSC 0999	MAH/Recital Attendance (seven times)	0	
MUSC 1200	Basic Conducting	2	
MUSC 1510	Theory I	3	
MUSC 1511	Theory Lab I	1	
MUSC 1520	Theory II	3	
MUSC 1521	Theory Lab II	1	
MUSC 2500	Introduction to Music Technology	2	
MUSC 2530	Theory III	3	
MUSC 2531	Theory Lab III	1	
MUSC 2540	Theory IV	3	
MUSC 2541	Theory Lab IV	1	
MUSC 2551	Keyboard Harmony I	1	
MUSC 2552	Keyboard Harmony II	1	
MUSC 3220	Choral Conducting <i>or</i>	2	
MUSC 3230	Instrumental Conducting		
MUSC 3400	Introduction to Music Literature	2	
MUSC 3401	Music History I	4	
MUSC 3402	Music History II	4	
MUSC 3510	Form and Analysis	3	
MUSC 3530	Orchestration	3	
MUSC 4440	Survey of Piano Literature	2	
MUSC 4499	Senior Seminar in Music	2	
MUSC 4510	Counterpoint	3	
MUSC 4640	Piano Pedagogy I	3	
MUSC 4699	Senior Performance Recital	0	
Performance Area Principal*: First Year (6), Second Year (6), Third Year (6), and Fourth Year (6)		24	
Secondary*: First Year (4), Second Year (2)		6	
Major Ensembles: First Year (2), Second Year (2), Third Year (2), and Fourth Year (2)**		8	
<b>Total Required Credits</b>			<b>132</b>

\*All piano majors must select two semesters of organ, two credits each.

\*\*Two of the eight ensemble credits must be in MUSC 1740. See pp. 200-201 for more information.

## Performance: Piano Major with Pedagogy Emphasis

Performance: Piano Major with Pedagogy Emphasis Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements:</b>			<b>22</b>
<b>Mathematics or Natural Science</b> (choose one)			<b>4</b>
IDSC 201	Scientific Methods	4	
MATH 110	Contemporary Mathematics	4	
MATH 150	Precalculus	4	
MATH 210	Elementary Statistics	4	
MATH 240	Calculus I	4	
<b>Fine Arts, Humanities, and Social Sciences</b> (Choose two areas below and complete four credits in each.)			<b>8</b>
Fine Arts		4	
Humanities		4	
Social Science		4	
<b>World Languages</b>			<b>8</b>
Two courses in either French <i>or</i> German		8	
<b>Physical Activity</b>			<b>2</b>
<b>Performance-Piano Major with Pedagogy Emphasis:</b>			<b>92</b>
MUSC 0999	MAH/Recital Attendance (seven times)	0	
MUSC 1200	Basic Conducting	2	
MUSC 1510	Theory I	3	
MUSC 1511	Theory Lab I	1	
MUSC 1520	Theory II	3	
MUSC 1521	Theory Lab II	1	
MUSC 2500	Introduction to Music Technology	2	
MUSC 2530	Theory III	3	
MUSC 2531	Theory Lab III	1	
MUSC 2540	Theory IV	3	
MUSC 2541	Theory Lab IV	1	
MUSC 2551	Keyboard Harmony I	1	
MUSC 2552	Keyboard Harmony II	1	
MUSC 3220	Choral Conducting <i>or</i>	2	
MUSC 3230	Instrumental Conducting		
MUSC 3400	Introduction to Music Literature	2	
MUSC 3401	Music History I	4	
MUSC 3402	Music History II	4	
MUSC 3510	Form and Analysis	3	
MUSC 4440	Survey of Piano Literature	2	
MUSC 4499	Senior Seminar in Music	2	
MUSC 4510	Counterpoint	3	
MUSC 4640	Piano Pedagogy I	3	
MUSC 4641	Piano Pedagogy Practicum I	3	
MUSC 4643	Piano Pedagogy II	3	
MUSC 4644	Piano Pedagogy Practicum II	3	
MUSC 4699	Senior Performance Recital	0	
Performance Area Principal: First Year (6), Second Year (6), Third Year (6), and Fourth Year (6)		24	
Secondary: Organ (2 semesters, 2 credits each)		4	
Major Ensembles: First Year (2), Second Year (2), Third Year (2), and Fourth Year (2)*		8	
<b>Total Required Credits</b>			<b>136</b>

\*Two of the eight ensemble credits must be in MUSC 1740. See pp. 200-201 for more information.

**Performance: Voice Major**

Performance: Voice Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>26</b>
<b>Natural and Computational Sciences</b>		<b>4</b>
IDSC 201 Scientific Methods	4	
<b>Fine Arts, Humanities, and Social Sciences</b> (Choose two areas below and complete four credits in each.)		<b>8</b>
Fine Arts	4	
Humanities	4	
Social Science	4	
<b>World Languages</b>		<b>12</b>
Two courses in either French or German	8	
One course in either French, German, or Italian	4	
<b>Physical Activity</b>		<b>2</b>
<b>Performance-Voice Major:</b>		<b>83</b>
MUSC 0999 MAH/Recital Attendance (seven times)	0	
MUSC 1200 Basic Conducting	2	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
MUSC 1610 Diction for Singers I	1	
MUSC 1620 Diction for Singers II	1	
MUSC 2500 Introduction to Music Technology	2	
MUSC 2530 Theory III	3	
MUSC 2531 Theory Lab III	1	
MUSC 2540 Theory IV	3	
MUSC 2541 Theory Lab IV	1	
MUSC 3220 Choral Conducting	2	
MUSC 3400 Introduction to Music Literature	2	
MUSC 3401 Music History I	4	
MUSC 3402 Music History II	4	
MUSC 3510 Form and Analysis	3	
MUSC 3530 Orchestration	3	
MUSC 4421 Survey of Vocal Literature	2	
MUSC 4499 Senior Seminar in Music	2	
MUSC 4510 Counterpoint	3	
MUSC 4620 Vocal Pedagogy	2	
MUSC 4699 Senior Performance Recital	0	
Performance Area Principal: First Year (4), Second Year (6), Third Year (6), and Fourth Year (6)	22	
Secondary*	4	
Major Ensembles: (two credits each year) (see pp. 200-201 for more information)	8	
<b>Total Required Credits</b>		<b>131</b>

\*Proficiency examination required for minimum requirement. Otherwise, additional study will be necessary.

**Music Major: Instrumental Music (Bachelor of Music Educ)**

Music Major: Instrumental Music Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>17</b>
<b>Natural and Computational Sciences</b>		<b>8</b>
IDSC 201 Scientific Methods	4	
Any Lab Science Course	4	
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics</b>		<b>4</b>
MATH 110 Contemporary Mathematics	4	
<b>Physical Activity</b>		<b>1</b>
<b>Music Major (Instrumental Music):</b>		<b>102</b>
<b>Education</b>		<b>14</b>
EDUC 213 Adolescent Dev. within Ed Culture	2	
EDUC 221 Issues within the Educational Culture	4	
EDUC 222 Clinical Experiences in the Educ Culture	4	
EDUC 311 Development of the Young Child	2	
EDUC 323 Overview of Child Development	2	
<b>Music</b>		<b>88</b>
MUSC 0999 MAH/Recital Attendance (seven times)	0	
MUSC 1200 Basic Conducting	2	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
MUSC 2500 Introduction to Music Technology	2	
MUSC 2530 Theory III	3	
MUSC 2531 Theory Lab III	1	
MUSC 2540 Theory IV	3	
MUSC 2541 Theory Lab IV	1	
MUSC 3230 Instrumental Conducting	2	
MUSC 3310 Elementary Methods and Materials	3	
MUSC 3311 Vocal Techniques	1	
MUSC 3330 Material and Methods of Instrumental Music in the Secondary Grades	3	
MUSC 3390 Music Education Practicum	1	
MUSC 3400 Introduction to Music Literature	2	
MUSC 3401 Music History I	4	
MUSC 3402 Music History II	4	
MUSC 3510 Form and Analysis	3	
MUSC 3931** Class Strings	1	
MUSC 3932** Class Woodwinds	1	
MUSC 3933** Class Brass	1	
MUSC 3934** Class Percussion	1	
MUSC 4380 Assessment-Music/Reading Across Curr	2	
MUSC 4399 Student Teaching	12	
MUSC 4530 Instrumental Arranging	2	
MUSC 4699 Senior Performance Recital	0	
Performance Area Principal: First Year (4), Second Year (4), Third Year (4), and Fourth Year (2)	14	
Secondary*	4	
Major Ensembles (Seven semesters participation required.): First Year (2), Second Year (2), Third Year (2), and Fourth Year (1)***	7	
<b>Total Required Credits</b>		<b>141</b>

\*Proficiency examination required for minimum requirement. Otherwise, additional study will be necessary.

\*\* May be waived for proficiency by faculty committee.

\*\*\* See pp. 200-201 for more information on ensemble requirements.

**Music Major: Vocal/Choral Music (Bachelor of Music Educ)**

<b>Music Major: Vocal/Choral Music Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements</b>			<b>17</b>
<b>Natural and Computational Sciences</b>			<b>8</b>
IDSC 201	Scientific Methods	4	
Any Lab Science Course		4	
<b>Social Sciences</b>			<b>4</b>
<b>Mathematics</b>			<b>4</b>
MATH 110	Contemporary Mathematics	4	
<b>Physical Activity</b>			<b>1</b>
<b>Music Major (Vocal/Choral Music):</b>			<b>103</b>
<b>Education</b>			<b>14</b>
EDUC 213	Adolescent Dev. within Ed Culture	2	
EDUC 221	Issues within the Educational Culture	4	
EDUC 222	Clinical Experiences in the Educ Culture	4	
EDUC 311	Development of the Young Child	2	
EDUC 323	Overview of Child Development	2	
<b>Music</b>			<b>89</b>
MUSC 0999	MAH/Recital Attendance (seven times)	0	
MUSC 1200	Basic Conducting	2	
MUSC 1510	Theory I	3	
MUSC 1511	Theory Lab I	1	
MUSC 1520	Theory II	3	
MUSC 1521	Theory Lab II	1	
MUSC 1610 & 1620	Diction for Singers I & II <i>or</i>	2	
MUSC 2551 & 2552	Keyboard Harmony I & II		
MUSC 2500	Introduction to Music Technology	2	
MUSC 2530	Theory III	3	
MUSC 2531	Theory Lab III	1	
MUSC 2540	Theory IV	3	
MUSC 2541	Theory Lab IV	1	
MUSC 3220	Choral Conducting	2	
MUSC 3310	Elementary Methods and Materials	3	
MUSC 3320	Materials and Methods of Choral Music in Secondary Grades	3	
MUSC 3331	Instrumental Techniques I	1	
MUSC 3332	Instrumental Techniques II	1	
MUSC 3390	Music Education Practicum	1	
MUSC 3400	Introduction to Music Literature	2	
MUSC 3401	Music History I	4	
MUSC 3402	Music History II	4	
MUSC 3510	Form and Analysis	3	
MUSC 4380	Assessment-Music/Reading Across Curr	2	
MUSC 4399	Student Teaching	12	
MUSC 4520	Choral Arranging	2	
MUSC 4620	Vocal Pedagogy	2	
MUSC 4699	Senior Performance Recital	0	
Performance Area Principal: First Year (4), Second Year (4), Third Year (4), and Fourth Year (2)		14	
Secondary*		4	
Major Ensembles (Seven semesters participation required.): First Year (2), Second Year (2), Third Year (2), and Fourth Year (1)**		7	
<b>Total Required Credits</b>			<b>142</b>

\*Proficiency examination required for minimum requirement. Otherwise, additional study will be necessary.

\*\* See pp. 200-201 for more information on ensemble requirements.

**Undergraduate Courses**

NOTE: Beginning 2007-2008, all MUSC courses, with the exception of MUSC 200 (Music Appreciation), changed from a 3-digit number to a 4-digit number. Old course numbers are noted in parentheses at the end of each course description.

**CHURCH MUSIC****MUSC 3151 and 3152 Service Playing I and II (1 each course)**

Study of organ structure, registration, and repertoire; hymn playing; ornamentation; anthem accompaniment; conducting from the console. This course is required of all church music keyboard majors. Offered: Fall (3151); Spring (3152). (Formerly MUSC 375-376)

**MUSC 3170 Introduction to Music Ministry (2)**

Introduction to basic aspects of church music ministry for students preparing for vocational service in that field. Offered: Spring, on rotation. (Formerly MUSC 370)

**MUSC 4170 Hymnology (2)**

Survey of the historical development of congregational song in the Western church, with primary attention to texts. Emphasis is placed on the use of this literature in worship. Co-listed as RELG 417. Offered: Spring, on rotation. (Formerly MUSC 470)

**MUSC 4180 Church Music Internship (1)**

Combination of supervised practical field work with class readings and discussion of ministry experiences. Offered: Fall. (Formerly MUSC 472)

**MUSC 4190 Music and Worship (2)**

Study of the development of liturgical and free church forms of Christian worship, correlated with sacred music. Includes field trips for observation. Offered: Fall, on rotation. (Formerly MUSC 475)

**CONDUCTING****MUSC 1200 Basic Conducting (2)**

Study of the rudimentary mechanical and expressive aspects of conducting gesture, with emphasis upon development of students' individual skills. Prereq: Music major. Offered: Fall. (Formerly MUSC 107)

**MUSC 3220 Choral Conducting (2)**

Builds upon concepts covered in MUSC 1200, with particular emphasis upon conducting choral groups. Prereq: MUSC 1200. Offered: Spring. (Formerly MUSC 307)

**MUSC 3230 Instrumental Conducting (2)**

Builds upon concepts covered in MUSC 1200, with particular emphasis upon conducting instrumental groups. Prereq: MUSC 1200. Offered: Fall. (Formerly MUSC 308)

**MUSIC EDUCATION****MUSC 3300 School Music (2)**

Study of basic concepts in teaching music, designed for education majors who are not music majors. (MUSC 200 and MUSC 3300 meet the four-hour certification requirement for teachers.) Offered: Fall and Spring. (Formerly MUSC 309)

**MUSC 3310 Materials and Methods of Teaching Music in the Elementary Grades (3)**

Introduction to Orff, Kodaly, and other teaching methodologies appropriate for teaching music in the elementary grades. Course content includes observation in actual classroom settings. Offered: Fall. (Formerly MUSC 310)

### **MUSC 3311 Vocal Techniques (1)**

Overview of the structure, function, and care of the human voice as it is used in singing. Offered: Fall. (Formerly MUSC 369)

### **MUSC 3320 Materials and Methods of Choral Music in the Secondary Grades (3)**

Survey of methodologies, materials, and processes used in teaching choral music in the secondary grades. Emphasis is placed upon vocal development and choral techniques. Offered: Spring. (Formerly MUSC 359)

### **MUSC 3330 Materials and Methods of Teaching Instrumental Music in the Secondary Grades (3)**

Survey of methodologies, materials, and processes used in teaching instrumental music in the secondary grades. Emphasis is placed upon instrumental techniques and the development of instrumental programs. Offered: Fall. (Formerly MUSC 391)

### **MUSC 3331 Instrumental Techniques I (1)**

Overview of techniques used to perform and teach the playing of woodwind and string instruments at the elementary, middle school, and high school levels, with emphasis on beginning-level pedagogy. Offered: Fall. (Formerly MUSC 313)

### **MUSC 3332 Instrumental Techniques II (1)**

Overview of techniques used to perform and teach the playing of brass and percussion instruments at the elementary, middle school, and high school levels, with emphasis on beginning-level pedagogy. Offered: Spring. (Formerly MUSC 314)

### **MUSC 3390 Music Education Practicum (1)**

Observation and assistance in school settings, for the purpose of broadening students' understanding of the classroom environment. Designed for music education majors, students in this practicum spend three weeks in an elementary or secondary music classroom, observing and helping a teacher. Students observe the learning environment, teaching strategies, students' interactions, classroom management techniques, and ways in which instruction is differentiated for diverse learners, especially for children with special needs. Offered: Jan Term. (Formerly MUSC 315)

### **MUSC 4380 Assessment of Music and Reading Across the Curriculum (2)**

Study of the purpose and process of evaluation in music education. Trains pre-service music teachers to quantify and interpret assessment results to make informed judgments in the reflective teaching process. Offered: Spring, on rotation. (Formerly MUSC 404)

### **MUSC 4391-4396 Special Studies in Music Education (1-6, respectively)**

Directed, independent studies in music education. (Formerly MUSC 466)

### **MUSC 4399 Student Teaching Grades P-12 (12)**

Supervised-teaching experiences. Offered: Fall and Spring. (Formerly MUSC 402)

## **MUSIC HISTORY AND LITERATURE**

### **MUSC 200 Music Appreciation (2)**

Introduction to historical and stylistic developments in music for non-music majors. Emphasis is placed upon listening, through recordings and live concerts.

### **MUSC 3400 Introduction to Music Literature (2)**

Introduction to historical and stylistic developments in music for entering music majors. While focus is on the Western cultivated tradition, aspects of the music of non-Western cultures and of vernacular genres are also included. Emphasis is placed upon listening, through both recordings and live concerts. Offered: Fall. (Formerly MUSC 366)

### **MUSC 3401 Music History I (4)**

Survey of music from the early Christian era until the mid-eighteenth century that examines the role of music in relation to political, religious, and other artistic developments. Compositions themselves are analyzed, both visually and aurally, to provide an understanding of the evolution of musical style. Prereq: MUSC 3400. Offered: Fall. (Formerly MUSC 367)

### **MUSC 3402 Music History II (4)**

Survey of music from the second half of the eighteenth century until the present that examines the role of music in relation to political, religious, and other artistic developments. Emphasis is upon the Western cultivated tradition, but some general aspects of non-Western cultures and of vernacular genres (especially jazz) are considered. Prereq: MUSC 3400. Offered: Spring. (Formerly MUSC 368)

### **MUSC 3404 World Music (2)**

Survey of music outside the European-American classical tradition, with special attention to how culture shapes music and how music shapes culture. Offered: On rotation. (Formerly MUSC 304)

### **MUSC 4421 Survey of Vocal Literature (2)**

Study of major contributors to solo vocal literature and their compositions. Offered: Spring, on rotation. (Formerly MUSC 484)

### **MUSC 4422 Survey of Choral Literature (2)**

Study of choral forms and literature from c. 1450 to the present. Offered: Spring, on rotation. (Formerly MUSC 471)

### **MUSC 4430 Survey of Symphonic Literature (2)**

Study of major developments in symphonic literature, with emphasis upon major contributors and their compositions. Offered: Fall, on rotation. (Formerly MUSC 487)

### **MUSC 4440 Survey of Piano Literature (2)**

Study of major contributors to piano literature and their compositions. Offered: Spring, on rotation. (Formerly MUSC 486)

### **MUSC 4450 Survey of Organ Literature (2)**

Study of major contributors to organ literature and their compositions. Offered: Spring, on rotation. (Formerly MUSC 482)

### **MUSC 4491-4496 Special Studies in Music History (1-6, respectively)**

Directed, independent studies in music history. (Formerly MUSC 463)

### **MUSC 4499 Senior Seminar in Music (2)**

Integrative study of connections between historical and theoretical aspects of music at an advanced level. Offered: Spring. (Formerly MUSC 478)

## **MUSIC THEORY AND COMPOSITION**

### **MUSC 1500 Music Fundamentals (2)**

Study of the fundamentals of music theory: major and minor scales, key signatures, intervals, and triads. This course is required of entering freshmen with a deficiency in music fundamentals. Prereq: Music Theory placement test administered by the Division of Music. Offered: Fall. (Formerly MUSC 100)

### **MUSC 1501 Music Fundamentals Lab (1)**

Study of the fundamentals of sight singing and ear training: major and minor scales, intervals, and simple and compound meters. This course is required of entering freshman music majors and minors with a deficiency in music fundamentals. Prereq: Music Theory placement test administered by the Division of Music. Offered: Fall. (Formerly MUSC 100L)

**MUSC 1510 and 1520 Theory I and II (3 each course)**

Study of scale construction, intervals, notation practices, major and minor key signatures, and rhythm and meter. The second part of this course focuses on the fundamentals of diatonic part-writing and voice leading, culminating with the introduction of secondary dominants. Prereq for 1510: Music Theory placement test. Prereq for 1520: MUSC 1510. Offered: Fall and Jan Term (1510); Spring (1520). (Formerly MUSC 101-102)

**MUSC 1511 and 1521 Theory Lab I and II (1 each course)**

Courses that emphasize development of basic sight-singing and ear-training skills. Prereq for 1511: Music Theory placement test. Prereq for 1521: MUSC 1511. Offered: Fall and Jan Term (1511); Spring (1521). (Formerly MUSC 101L-102L)

**MUSC 2500 Introduction to Music Technology (2)**

Introduction to basic aspects of the use of computers in music. This course includes a brief history of computer music, introductory hands-on experience with computer notation, electronic sound production, and sequencing. Offered: Fall. (Formerly MUSC 174)

**MUSC 2530 and 2540 Theory III and IV (3 each course)**

Study of chromatic harmony and binary/ternary part forms to include: secondary functions, modulation and tonicization, borrowed chords, the Neapolitan chord, and augmented sixth chords. The course concludes with the study of the expanded tonal language of the late nineteenth century and an introduction to practices of twentieth-century music. Prereqs for 2530: MUSC 1510 and MUSC 1520. Prereqs for 2540: MUSC 1510, 1520, and 2530. Offered: Fall (2530); Spring (2540). (Formerly MUSC 201-202)

**MUSC 2531 and 2541 Theory Lab III and IV (1 each course)**

Continuing development of sight-singing and ear-training skills begun in MUSC 1511 and MUSC 1521, with added emphasis upon improvisation. Prereqs for 2531: MUSC 1511 and MUSC 1521. Prereqs for 2541: MUSC 1511, 1521, and 2531. Offered: Fall (2531); Spring (2541). (Formerly MUSC 201L-202L)

**MUSC 2551 and 2552 Keyboard Harmony I and II (1 each course)**

Offered: Fall (2551); Spring (2552). (Formerly MUSC 203-204)

**MUSC 2570 and 2580 Composition I and II (2 each course)**

Study of the fundamentals of modal composition using the traditional modal scales; also covers contemporary approaches to rhythm and meter. MUSC 2580 introduces chord structures in twentieth-century music: superimposed thirds, added note chords, tertian polychords, nontertian sonorities, and mirror chords. Offered: Fall (2570); Spring (2580). (Formerly MUSC 273-274)

**MUSC 3510 Form and Analysis (3)**

Study of the common microstructural phenomena in music. Emphasis is given to the growth process culminating in the macrostructure exhibited in compound forms and the common single movement forms: the binary and ternary principle, imitative procedures, variation procedures, sonata-allegro form, and the rondo principle. Prereqs: MUSC 2540 and MUSC 2541. Offered: Fall. (Formerly MUSC 301)

**MUSC 3530 Orchestration (3)**

Study of the fundamentals of instrumentation and orchestration: history and development of the symphonic orchestra, ranges and transposition of orchestral instruments, practical exercises in idiomatic writing for strings, woodwinds, brass, percussion, and scoring for full orchestra. Prereqs: MUSC 2540 and MUSC 2541. Offered: Spring. (Formerly MUSC 302)

**MUSC 3540 Composition III: Electronic Music Composition (3)**

Study of the use of computers in the compositional process, including an overview of electronic sound and acoustics; discussion of synthesis methods, digital sampling and hybrid techniques; the use of MIDI; audio basics; and the computer as a compositional tool. Prereq: MUSC 2500. Offered: Spring. (Formerly MUSC 373)

**MUSC 3550 Composition IV (3)**

Study of advanced twentieth-century compositional techniques, including thematic metamorphosis, imitative procedures, atonality, composition with serialized pitch, indeterminate procedures, aleatory music, sound mass, and proportional notation. Offered: Fall. (Formerly MUSC 374)

**MUSC 4510 Counterpoint (3)**

Study of contrapuntal technique in eighteenth century style, including practical exercises in species counterpoint in two parts, canon, invertible counterpoint, two-part invention, three voice counterpoint, three-part invention, and the fugue. Prereqs: MUSC 2540 and MUSC 2541. Offered: Fall. (Formerly MUSC 401)

**MUSC 4520 Choral Arranging (2)**

Introduction to basic principles of arranging for choral ensembles, both unaccompanied and with instrumental accompaniment. Students develop choral arranging skills through practical exercises exploring a variety of voicings and accompaniments. Prereqs: MUSC 2540 and MUSC 2541. Offered: Fall. (Formerly MUSC 411)

**MUSC 4530 Instrumental Arranging (2)**

Practical experience in the craft of arranging for instruments. Prereqs: MUSC 2540 and MUSC 2541. Offered: Spring, on rotation. (Formerly MUSC 405)

**MUSC 4560 and 4570 Composition V and VI (3 each course)**

Advanced compositional approaches to multimovement structures. Preparation of the composition portfolio, final editing of scores and parts culminating in the Senior Composition Recital. Offered: Fall (4560); Spring (4570). (Formerly MUSC 473-474)

**MUSC 4599 Senior Composition Recital (0)**

Certification of satisfactory completion of senior composition recital for music theory/composition majors. Registration for this requirement should be done the same semester the recital will be given. (Formerly MUSC 499)

**PERFORMANCE-RELATED COURSES****MUSC 0999 Music Activity Hour/Recital Attendance (0)**

Seven semesters required for all music division majors; four required for the music minor.

**MUSC 1610 and 1620 Diction for Singers I and II (1 each course)**

Introduction to IPA and its application to Italian, English, German, and French diction for singers. Offered: Fall (1610); Spring (1620). (Formerly MUSC 181-182)

**MUSC 2550 Elementary Keyboard Harmony (1)**

Specifically designed for the non-keyboard major, this course focuses on the realization of lead sheets and chord charts with a variety of accompaniment styles. Attention is given to recognizing and reproducing various musical styles. Prereqs: MUSC 1941 and MUSC 1942. Offered: Spring.

**MUSC 2649 Piano Proficiency (0)**

Certification of completion of piano proficiency requirements for non-keyboard music majors. Such students must enroll for piano study each semester until the piano proficiency examination has been passed. Registration for this requirement should be done in the same semester as registration for MUSC 2942 or in the semester immediately after the examination has been completed. (Formerly MUSC 298)

**MUSC 4620 Vocal Pedagogy (2)**

Overview of the physiology and acoustics of singing and the application of this information to the teaching of singers. Offered: Fall. (Formerly MUSC 483)

**MUSC 4630 Instrumental Pedagogy (1)**

Study of pedagogical techniques for instrumental performance majors in the student's major instrument. This course is taught in directed study format. (Formerly MUSC 480)

**MUSC 4640 Piano Pedagogy I (3)**

Examination of the various aspects involved in teaching piano in individual lessons, from elementary to advanced levels of study. Offered: On rotation. (Formerly MUSC 485)

**MUSC 4641 Piano Pedagogy Practicum I (3)**

Observation and assistance with qualified piano instructors in studio settings. This course is designed for students majoring in piano performance with an emphasis in piano pedagogy in order to broaden their experience in individual piano instruction. Offered: On rotation. (Formerly MUSC 488)

**MUSC 4643 Piano Pedagogy II (3)**

Examination of the various aspects involved in teaching piano in a class setting—from teaching groups within an independent studio experience to the teaching of class piano courses at the college level. Offered: On rotation. (Formerly MUSC 495)

**MUSC 4644 Piano Pedagogy Practicum II (3)**

Observation and assistance with qualified instructors in class piano settings. This course is designed for students majoring in piano performance with an emphasis in piano pedagogy in order to broaden their experience in group piano instruction. Offered: On rotation. (Formerly MUSC 490)

**MUSC 4650 Organ Pedagogy (2)**

Introduction to pedagogical techniques that enable students to teach organ to persons who already have basic keyboard skills. Offered: Fall, on rotation. (Formerly MUSC 481)

**MUSC 4699 Senior Performance Recital (0)**

Certification of completion of senior performance recital for all music majors. Registration for this requirement should be done the same semester the recital will be given. (Formerly MUSC 497)

**ENSEMBLES**

The following courses are designated for freshman and sophomore music majors and all non-music majors:

**MUSC 1720 University Chorale (0-1)** (Formerly MUSC 197)

**MUSC 1721 A Cappella Choir (0-1)** (Formerly MUSC 195)

**MUSC 1722 Music Theatre Ensemble (0-1)** (Formerly MUSC 198)

**MUSC 1723 OperaWorks (0-1)** (Formerly MUSC 199)

**MUSC 1730 Wind Ensemble (0-1)**

Performance of appropriate wind ensemble works from all areas. Auditions are held at the beginning of each semester. May be repeated for credit. For advanced students. Offered: Fall and Spring. (Formerly MUSC 188)

**MUSC 1731 Orchestra (0-1)** (Formerly MUSC 189)

**MUSC 1732 Chamber Ensembles (0-1)**

Secondary Ensembles include Jazz Ensemble, Bells of Buchanan, Brass Quintet, Brass Choir, Percussion Ensemble, and other instrumental groups. Grading is pass/fail. (Formerly MUSC 185)

**MUSC 1733 Symphonic Band (0-1)**

Performance of literature from all eras, including contemporary works for this medium. Auditions are held at the beginning of each semester. May be repeated for credit. Offered: Spring.

**MUSC 1739 Marching Band (0-1)**

*Note: One semester of Marching Band may be credited for one general education physical activity course.* (Formerly MUSC 187)

**MUSC 1740 Accompanying (0-1)** (Formerly MUSC 167)

The following courses are designated for junior and senior music majors only:

**MUSC 3720 University Chorale (0-1)** (Formerly MUSC 397)

**MUSC 3721 A Cappella Choir (0-1)** (Formerly MUSC 395)

**MUSC 3722 Music Theatre Ensemble (0-1)** (Formerly MUSC 398)

**MUSC 3723 OperaWorks (0-1)** (Formerly MUSC 399)

**MUSC 3730 Wind Ensemble (0-1)**

Performance of appropriate wind ensemble works from all areas. Auditions are held at the beginning of each semester. May be repeated for credit. For advanced students. Offered: Fall and Spring. (Formerly MUSC 388)

**MUSC 3731 Orchestra (0-1)** (Formerly MUSC 389)

**MUSC 3733 Symphonic Band (0-1)**

Performance of literature from all eras, including contemporary works for this medium. Auditions are held at the beginning of each semester. May be repeated for credit. Offered: Spring.

**MUSC 3739 Marching Band (0-1)**

*Note: One semester of Marching Band may be credited for one general education physical activity course.* (Formerly MUSC 387)

**PERFORMANCE INSTRUCTION**

Credit for performance study is consistent with the National Association of Schools of Music minimum standard of three hours of practice per week for each credit. For undergraduate performance study, the first number of the course indicates classification level (1000-Freshman, 2000-Sophomore, 3000-Junior, 4000-Senior) while the second number indicates the amount of course credits: i.e., MUSA 1151 Piano (1); MUSA 2251 Piano (2); 3251 Piano (2); 4351 Piano (3). For graduate performance study, see p. 214.

**MUSA 1111 Violin** (Formerly MUSA 111)

**MUSA 1113 Viola** (Formerly MUSA 113)

**MUSA 1115 Cello** (Formerly MUSA 115)

**MUSA 1117 String Bass** (Formerly MUSA 117)

**MUSA 1119 Harp** (Formerly MUSA 119)

**MUSA 1120 Percussion** (Formerly MUSA 120)

**MUSA 1121 Trumpet** (Formerly MUSA 121)

**MUSA 1123 Trombone** (Formerly MUSA 123)

**MUSA 1125 French Horn** (Formerly MUSA 125)

**MUSA 1127 Tuba** (Formerly MUSA 127)

**MUSA 1129 Euphonium** (Formerly MUSA 129)

**MUSA 1131 Saxophone** (Formerly MUSA 131)

**MUSA 1133 Flute** (Formerly MUSA 133)

**MUSA 1135 Oboe** (Formerly MUSA 135)

**MUSA 1137 Bassoon** (Formerly MUSA 137)

**MUSA 1139 Clarinet** (Formerly MUSA 139)

**MUSA 1148 Harpsichord** (Formerly MUSA 148)

**MUSA 1151 Piano** (Formerly MUSA 151)

**MUSA 1153 Organ** (Formerly MUSA 153)

**MUSA 1157 Voice** (Formerly MUSA 157)

**MUSA 1179 Classical Guitar** (Formerly MUSA 179)

**CLASS INSTRUCTION**

All class instruction courses earn 1 credit.

**MUSC 1920 Class Voice** (Formerly MUSC 159)

**MUSC 1941 Class Piano I** (Formerly MUSC 141)

**MUSC 1942 Class Piano II** (Formerly MUSC 142)

**MUSC 2941 Class Piano III** (Formerly MUSC 241)

**MUSC 2942 Class Piano IV** (Formerly MUSC 242)

**MUSC 3931 Class Strings** (Formerly MUSC 343)

**MUSC 3932 Class Woodwinds** (Formerly MUSC 345)

**MUSC 3933 Class Brass** (Formerly MUSC 347)

**MUSC 3934 Class Percussion** (Formerly MUSC 349)



## Graduate Programs and Requirements

### Degrees/Majors

Master of Music (M.M.)

Church Music

Piano Performance/Pedagogy

Master of Music Education (M.M.E.)

Music (Pattern 1: Traditional)

Music (Pattern 2: Fifth Year Non-Traditional)

### Joint-Degree

Master of Music/Master of Divinity (M.M./M.Div.)

The master of music in church music (M.M.) is designed to prepare persons for ministry through music in a church setting. The degree program includes studies in performance and research, in addition to academic and professional coursework in church music and supervised experience in ministry. The degree concludes with a recital and an oral comprehensive examination.

The master of music in piano performance and pedagogy (M.M.) prepares students to be proficient performers and scholarly musicians who are ready to pursue professional careers as teachers of piano. Emphasis is placed on musical artistry and pedagogical professionalism, together with developing students' research skills.

The master of music education in music (M.M.E.) is designed to prepare students for increasing responsibilities in the field of music teaching. Completion of this degree qualifies the individual for an Alabama Class A teaching certificate. Two distinct programs are offered. The traditional program (Pattern 1) is for persons who hold an Alabama Class B teaching certificate or its equivalent. The fifth year non-traditional program (Pattern 2) is for persons whose previous education does not make them eligible for an Alabama Class B teaching certificate. Both programs conclude with an oral comprehensive examination.

The master of divinity with emphasis in church music (M.M./M.Div.), a joint degree offered through collaboration with the Beeson School of Divinity, is designed for persons who desire a stronger foundation in biblical, historical, theological, and ministry studies as preparation for ministry through music. This program includes all of the music components of the master of music in church music degree, combined with core requirements from the master of divinity degree. The degree concludes with a recital and an oral comprehensive examination.

### Admission

For admission to a graduate degree program in the Division of Music of the School of the Arts, a bachelor of music (B.M.), a bachelor of music education (B.M.E.), or an equivalent degree from a regionally accredited institution, is required. Unconditional admission requires an undergraduate grade point average of 3.00 in music courses and 2.50 in the program as a whole.

A complete application includes:

1. The application form and fee (\$35).
2. An official transcript from each institution attended since high school.
3. An acceptable score, not more than five years old, on either the Graduate Record Examination (GRE) or the Miller Analogies Test (MAT). Applicants whose native language is not English may substitute the Test of English as a Foreign Language (TOEFL), on which a minimum score of 550 is required.
4. Acceptable scores on examinations in music theory and music history administered by the School of the Arts.
5. A copy of an Alabama Class B teaching certificate in music education or an acceptable score on the Alabama Basic Skills Test (for programs in music education only).
6. An audition in the solo performance area (for programs in church music only).
7. An interview with either the dean of the School of the Arts or the associate dean of the Division of Music.

## Master of Divinity with Emphasis in Church Music

<b>Master of Divinity with Emphasis in Church Music Required Courses</b>	<b>Total Required Credits</b>
<b>Master of Divinity Core Requirements*</b>	<b>80</b>
<b>Music, Church Music, Performance**</b>	<b>25</b>
<b>Total Required Credits</b>	<b>105</b>

\* This program requires the completion of all core courses listed in this catalog for the master of divinity degree. Courses in Worship Leadership and Supervised Ministry (Ministry Leadership Development) are counted in the cluster below.

\*\* The requirements in these areas are the same as the required courses listed below (omit the music electives) for the master of music in church music degree.

## Master of Music in Church Music

<b>Master of Music in Church Music Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Music</b>		<b>14-15</b>
MUSC 5130 Handbell Techniques	1	
MUSC 5221 Seminar in Choral Conducting	2	
MUSC 5300 Research in Music Education	3	
MUSC 5500 Analytical Techniques	2	
MUSC 5620 Vocal Pedagogy <i>or</i> MUSC 5640 Piano Pedagogy I <i>or</i> MUSC 5650 Organ Pedagogy	2-3	
Music Electives	4	
<b>Music Ministry</b>		<b>11</b>
MUSC 5100 Colloquium in Church Music (1 hr each semester - must take three times)	3	
MUSC 5110 Music Ministry with Children	2	
MUSC 5140 Philosophy of Music Ministry	2	
MUSC 5150 Church Music Administration	2	
MUSC 5161 Supervised Ministry I	1	
MUSC 5162 Supervised Ministry II	1	
<b>Divinity</b>		<b>9</b>
DVHD 501 Patristic & Medieval History & Doctrine	2	
DVHD 502 Reformation History & Doctrine	3	
DVHD 606 Ecclesiology and Worship	2	
<b>Performance</b>		<b>6</b>
Ensemble (1 hr each semester)	2	
Solo Performance Instruction (2 hrs each semester)*	4	
MUSC 5699 Graduate Recital	0	
<b>Total Required Credits</b>		<b>40-41</b>

\* Study in this area requires a minimum of four credits at the 5000 level and culminates in a 30-minute recital.

**Master of Music Education  
Pattern 1: Traditional Program**

<b>Master of Music Education Pattern 1: Traditional Program Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Education:</b>		<b>10-12</b>
<b>Education Core</b>		<b>6</b>
EDUC 515 Standards-Driven Teacher Leadership	3	
EDUC 597 Curriculum Integration of Technology	3	
<b>Education Electives</b>		<b>4-6</b>
(choose two 500-level EDUC courses)		
<b>Music:</b>		<b>10-12</b>
<b>Music Core</b>		<b>4</b>
MUSC 5221 Seminar in Choral Conducting <i>or</i>	2	
MUSC 5230 Seminar in Instrumental Conducting		
MUSC 5500 Analytical Techniques	2	
<b>Music Electives (choose 6-8 credits from the following)</b>		<b>6-8</b>
MUSC 5110 Music Ministry with Children	2	
MUSC 5460 American Musical Theatre	2	
MUSC 5520 Choral Arranging	2	
MUSC 5530 Instrumental Arranging	2	
MUSC 5620 Vocal Pedagogy*	2	
MUSC 5630 Instrumental Pedagogy	1	
MUSC 5640 Piano Pedagogy I	3	
MUSC 5642 Piano Pedagogy II	3	
MUSC 5650 Organ Pedagogy	2	
Solo Performance Instruction** (5000-level)	1-2	
Graduate Ensembles (5000-level)***	1	
<b>Music Education:</b>		<b>10-12</b>
<b>Music Education Core</b>		<b>6</b>
MUSC 5300 Research in Music Education	3	
MUSC 5340 Foundations and Curricular Trends in American Music Education	3	
<b>Music Education Electives (choose 4-6 credits)</b>		<b>4-6</b>
MUSC 5130 Handbell Techniques	1	
MUSC 5321 Vocal Techniques ††	1	
MUSC 5360 Orff-Schulwerk, Level I	3	
MUSC 5380 Assessment-Music/Reading Across Curr †	2	
MUSC 5662-5664 Special Studies in Music Education	2-6	
<b>Total Required Credits</b>		<b>30-36</b>

\* Students pursuing vocal/choral certification who have not previously completed a course in vocal pedagogy must take MUSC 5620.  
 \*\* Two semesters must be completed for credit to be applied toward the degree. No more than four credits of solo performance can be counted toward the degree.  
 \*\*\* No more than two credits of ensembles can be counted toward the degree.  
 † Students who have not previously completed a course in assessment must take MUSC 5380.  
 †† Students pursuing instrumental certification who have not previously completed a course in vocal techniques must take MUSC 5321.

NOTE: Program subject to change if state and/or federal requirements are revised.

**Master of Music Education  
Pattern 2: Fifth Year Non-Traditional Program**

<b>Master of Music Education Pattern 2: Fifth Year Non-Traditional Program Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Education:</b>		<b>10-12</b>
<b>Education Core</b>		<b>6</b>
EDUC 515 Standards-Driven Teacher Leadership	3	
EDUC 597 Curriculum Integration of Technology	3	
<b>Education Electives</b>		<b>4-6</b>
(choose two 500-level EDUC courses)		
<b>Music Education:</b>		<b>26-31</b>
<b>Music Education Core</b>		<b>19-24</b>
MUSC 5300 Research in Music Education	3	
MUSC 5310 Curriculum/Teaching in the Elem School	3	
MUSC 5321 Vocal Techniques ††	1	
MUSC 5340 Foundations and Curricular Trends in American Music Education	3	
MUSC 5380 Assessment-Music/Reading Across Curr †	2	
MUSC 5399 Student Teaching	6	
MUSC 5500 Analytical Techniques	2	
MUSC 5931 Class Strings*	1	
MUSC 5932 Class Woodwinds*	1	
MUSC 5933 Class Brass*	1	
MUSC 5934 Class Percussion*	1	
<b>Vocal/Choral or Instrumental Emphasis:</b>		<b>7</b>
<b>Vocal/Choral Emphasis</b>		
MUSC 5320 Curric/Teaching in the Secd School: Choral (Choose 4 credits from the following)	3	
MUSC 5221 Seminar in Choral Conducting (2)	4	
MUSC 5360 or 5361 Orff-Schulwerk, Level I or II (3)		
MUSC 5422 Survey of Choral Literature (2)		
MUSC 5460 American Musical Theatre (2)		
MUSC 5520 Choral Arranging (2)		
MUSC 5620 Vocal Pedagogy (2) †††		
MUSC 5662-5664 Special Studies–Music Ed (2-3)**		
MUSC 5723 OperaWorks (1)***		
MUSC 5732 Graduate Ensemble (1-2)***		
Solo Performance Instruction (2-4)‡		
<b>Instrumental Emphasis</b>		
MUSC 5330 Curric/Teaching in the Secd School: Instru (Choose 4 credits from the following)	3	
MUSC 5230 Seminar in Instrumental Conducting (2)	4	
MUSC 5360 Orff-Schulwerk, Level I (3)		
MUSC 5530 Instrumental Arranging (2)		
MUSC 5630 Instrumental Pedagogy (1)		
MUSC 5662-5664 Special Studies–Music Ed (2-3)**		
MUSC 5732 Graduate Ensemble (1-2)***		
Solo Performance Instruction (2-4)‡		
<b>Total Required Credits</b>		<b>36-43</b>

\* May be waived by proficiency examination.  
 \*\* No more than three credits of Special Studies can be counted toward the degree.  
 \*\*\* No more than two credits of OperaWorks and/or Ensemble can be counted toward the degree.  
 † Students who have not previously completed a course in assessment must take MUSC 5380.  
 †† Students pursuing instrumental certification who have not previously completed a course in vocal techniques must take MUSC 5321.  
 ††† Required for candidates who have not completed a course in vocal pedagogy.  
 ‡ No more than four credits of performance can be counted in this cluster.  
 NOTE: Program subject to change if state and/or federal requirements are revised.

**Master of Music in Piano Performance and Pedagogy**

<b>Master of Music in Piano Performance &amp; Pedagogy Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Music</b>		<b>6</b>
MUSC 5401 History/Appl of Performance Practices I	2	
MUSC 5402 History/Appl of Performance Practices II	2	
MUSC 5500 Analytical Techniques	2	
<b>Pedagogy</b>		<b>12</b>
MUSC 5300 Research in Music Education	3	
MUSC 5640 Piano Pedagogy I	3	
MUSC 5642 Piano Pedagogy II	3	
EDUC 510 Instr Adaptation for Student Diversity <i>or</i> EDUC 513 Instr Design for Opt Student Learning <i>or</i> EDUC 514 Social Dynamics & Student Learning	3	
<b>Performance</b>		<b>14</b>
MUSA 5351 Applied Piano Instruction	12	
MUSC 5699 Graduate Recital (2 required)	0	
MUSC 5732 Graduate Ensemble (take twice)	2	
<b>Total Required Credits</b>		<b>32</b>

**Graduate Courses**

NOTE: Beginning 2007-2008, all MUSC courses changed from a 3-digit number to a 4-digit number. Old course numbers are noted in parentheses at the end of each course description.

**CHURCH MUSIC****MUSC 5100 Colloquium in Church Music (1)**

Development of critical thinking, clear writing, and effective speaking about church music, based on disciplined study of a particular topic each semester. Offered: Fall and Spring. (Formerly MUSC 510)

**MUSC 5110 Music Ministry with Children (2)**

Study of the philosophy and practice of the church's ministry through music with preschool and elementary children. Offered: Spring, on rotation. (Formerly MUSC 589)

**MUSC 5130 Handbell Techniques (1)**

Practicum that teaches potential handbell directors to organize, communicate, and practice the art of handbell ringing. Offered: Spring, on rotation. (Formerly MUSC 590)

**MUSC 5140 Philosophy of Music Ministry (2)**

Exploration of philosophies which support the role of music in the life of the church and philosophical foundations for the varied components of music ministry. Offered: Fall, on rotation. (Formerly MUSC 592)

**MUSC 5150 Church Music Administration (2)**

Survey of administrative aspects of church music ministry, to include organizational structure, budgeting, promotion, and planning. Offered: Spring, on rotation. (Formerly MUSC 593)

**MUSC 5161 and 5162 Supervised Ministry I and II (1 each course)**

Supervised experience in a music ministry leadership role. Offered: Fall (5161); Spring (5162). (Formerly MUSC 594-595)

**MUSC 5170 Hymnology (2)**

Survey of the historical development of congregational song in the Western church, with primary attention to texts. Emphasis is placed on the use of this literature in worship. Offered: Spring, on rotation.

**CONDUCTING****MUSC 5221 Seminar in Choral Conducting (2)**

Integrated study of score analysis, choral styles, rehearsal techniques, and conducting gesture. Permission of the instructor is required. Offered: Spring, on rotation. (Formerly MUSC 513)

**MUSC 5230 Seminar in Instrumental Conducting (2)**

Advanced studies in instrumental conducting. (Formerly MUSC 512)

**MUSIC EDUCATION AND PEDAGOGY****MUSC 5300 Research in Music Education (3)**

Study of bibliographical material and research techniques directed specifically toward music education objectives. Offered: Fall. (Formerly MUSC 507)

**MUSC 5310 Curriculum and Teaching in the Elementary School (3)**

Survey of methodologies and techniques for teaching elementary age children. This course is designed for graduate music education students pursuing the master of music education degree (fifth year non-traditional program). Offered: Fall. (Formerly MUSC 541)

**MUSC 5320 Curriculum and Teaching in the Secondary School: Choral (3)**

Survey of methodologies and techniques for teaching secondary vocal/choral students, with emphasis upon vocal development and choral techniques. This course is designed for graduate music education students pursuing the master of music education degree (fifth year non-traditional program). Offered: Spring. (Formerly MUSC 542)

**MUSC 5321 Vocal Techniques (1)**

Overview of the structure, function, and care of the human voice as it is used in singing. Offered: Fall. (Formerly MUSC 569)

**MUSC 5330 Curriculum and Teaching in the Secondary School: Instrumental (3)**

Survey of methodologies and techniques for teaching secondary instrumental students, with emphasis upon building curricular models for instrumental students, developing administrative skills, and creating a healthy environment for music learning. This course is designed for graduate music education students pursuing the master of music education degree (fifth year non-traditional program). Offered: Fall. (Formerly MUSC 591)

**MUSC 5340 Foundations and Curricular Trends in American Music Education (3)**

Comprehensive review of the internal components (what, when, how, why) and external impact of music curricula, with special demands of writing and implementing curricula for the future. (Formerly MUSC 514)

**MUSC 5360 Orff Schulwerk, Level I (3)**

Orff Schulwerk is a child-centered approach to music education based on the principles of German educator and composer, Carl Orff (1895-1982). It combines speaking, singing, playing instruments, and movement in a creative atmosphere that encourages participation, creates enjoyment, and enables learning. Level I Orff Schulwerk is limited to pentatonic scale only. Offered: Summer. (Formerly MUSC 551)

**MUSC 5361 Orff Schulwerk, Level II (3)**

Continuation of Level I as it reviews and reinforces Level I concepts using more advanced materials, including the diatonic scale. In addition, Level II refines the teaching process through searching for materials from all cultures, assessing musical growth and development, and practicing with advanced orchestration. Prereq: MUSC 5360, or instructor permission. Offered: Summer, on rotation.

**MUSC 5380 Assessment of Music and Reading Across the Curriculum (2)**

Study of the purpose and process of evaluation in music education. Trains pre-service music teachers to quantify and interpret assessment results to make informed judgments in the reflective teaching process. Offered: Spring, on rotation. (Formerly MUSC 404G)

**MUSC 5399 Student Teaching Grades P-12 (6)**

Supervised teaching experiences. Offered: Fall and Spring. (Formerly MUSC 555)

**MUSC 5620 Vocal Pedagogy (2)**

Overview of the physiology and acoustics of singing and the application of this information to the teaching of singers. Offered: Fall. (Formerly MUSC 483G)

**MUSC 5630 Instrumental Pedagogy (1)**

Study of pedagogical techniques for instrumental performance majors in the student's major instrument. This course is taught in directed study format. (Formerly MUSC 480G)

**MUSC 5640 & 5642 Piano Pedagogy I and II (3 each course)**

In-depth study of methods, materials, and curriculum for teaching piano. Additional topics include the history of piano pedagogy, current trends, professionalism, and the philosophical and psychological bases for piano study. (Formerly MUSC 485G and MUSC 495G)

**MUSC 5650 Organ Pedagogy (2)**

Introduction to pedagogical techniques that enable students to teach organ to persons who already have basic keyboard skills. (Formerly MUSC 481G)

**MUSC 5662-5664 Special Studies in Music Education (2-4, respectively)**

Directed, independent studies in music education. (Formerly MUSC 466G)

## MUSIC THEORY AND HISTORY

**MUSC 5401 History and Application of Performance Practices I (2)**

Study of vocal and instrumental performance practice in historical context. Students explore primary sources and apply the principles to problems of musical performance and pedagogy. (Formerly MUSC 501)

**MUSC 5402 History and Application of Performance Practices II (2)**

Seminar in performance practice in students' individual musical disciplines. Participants engage in research using primary sources and present their findings in a public forum. (Formerly MUSC 502)

**MUSC 5421 Survey of Vocal Literature (2)**

Study of major contributors to solo vocal literature and their compositions. Offered: Spring, on rotation.

**MUSC 5422 Survey of Choral Literature (2)**

Study of choral forms and literature from c. 1450 to the present. Offered: Spring, on rotation. (Formerly MUSC 471G)

**MUSC 5430 Survey of Symphonic Literature (2)**

Study of major developments in symphonic literature, with emphasis upon major contributors and their compositions. Offered: Fall, on rotation. (Formerly MUSC 487G)

**MUSC 5440 Survey of Piano Literature (2)**

Study of major contributors to piano literature and their compositions.

**MUSC 5450 Survey of Organ Literature (2)**

Study of major contributors to organ literature and their compositions. Offered: Spring, on rotation. (Formerly MUSC 482G)

**MUSC 5460 American Musical Theatre (2)**

Overview of the art and craft of American musical theatre as seen in the evolution of landmark productions. Offered: Spring, on rotation. (Formerly MUSC 489G)

**MUSC 5500 Analytical Techniques (2)**

Graduate-level studies in analyzing music from major periods of music history, beginning with the medieval period. Offered: Fall, on rotation. (Formerly MUSC 505)

**MUSC 5520 Choral Arranging (2)**

Introduction to basic principles of arranging for choral ensembles, both unaccompanied and with instrumental accompaniment. Students develop choral arranging skills through practical exercises exploring a variety of voicings and accompaniments. Offered: Fall. (Formerly MUSC 411G)

**MUSC 5530 Instrumental Arranging (2)**

Practical experience in the craft of arranging for instruments. Offered: Spring, on rotation. (Formerly MUSC 405G)

## PERFORMANCE-RELATED COURSES

**MUSC 5699 Graduate Recital (0)**

Certification of completion of graduate performance recital. Registration for this requirement should be done the same semester the recital will be given. Grading is pass/fail. (Formerly MUSC 599)

## ENSEMBLES

**MUSC 5720 University Chorale (0-1)**

**MUSC 5721 A Cappella Choir (0-1)** (Formerly MUSC 596)

**MUSC 5723 OperaWorks (0-1)** (Formerly MUSC 503)

**MUSC 5730 Wind Ensemble (0-1)**

**MUSC 5731 Orchestra (0-1)**

**MUSC 5732 Graduate Ensemble (1)** (Formerly MUSC 585)

**MUSC 5739 Marching Band (0-1)**

## PERFORMANCE INSTRUCTION

For performance courses offered for graduate credit, the 5000 level will be used, with the amount of credit varying according to study requirements.

**MUSA 5111 Violin** (Formerly MUSA 511)

**MUSA 5113 Viola** (Formerly MUSA 513)

**MUSA 5115 Cello** (Formerly MUSA 515)

**MUSA 5117 String Bass** (Formerly MUSA 517)

**MUSA 5119 Harp** (Formerly MUSA 519)

**MUSA 5120 Percussion** (Formerly MUSA 520)

**MUSA 5121 Trumpet** (Formerly MUSA 521)

**MUSA 5123 Trombone** (Formerly MUSA 523)

**MUSA 5125 French Horn** (Formerly MUSA 525)

**MUSA 5127 Tuba** (Formerly MUSA 527)

**MUSA 5129 Euphonium** (Formerly MUSA 529)

**MUSA 5131 Saxophone** (Formerly MUSA 531)

**MUSA 5133 Flute** (Formerly MUSA 533)

**MUSA 5135 Oboe** (Formerly MUSA 535)

**MUSA 5137 Bassoon** (Formerly MUSA 537)

**MUSA 5139 Clarinet** (Formerly MUSA 539)

**MUSA 5151 Piano** (Formerly MUSA 551)

**MUSA 5153 Organ** (Formerly MUSA 553)

**MUSA 5157 Voice** (Formerly MUSA 557)

**MUSA 5179 Classical Guitar** (Formerly MUSA 579)

## CLASS INSTRUCTION

All class instruction courses earn 1 credit.

**MUSC 5931 Class Strings** (Formerly MUSC 543)

**MUSC 5932 Class Woodwinds** (Formerly MUSC 545)

**MUSC 5933 Class Brass** (Formerly MUSC 547)

**MUSC 5934 Class Percussion** (Formerly MUSC 549)

# Theatre and Dance

## Faculty

Don T. Sandley, Chair, Professor  
 Eric E. Olson, Professor  
 Renee E. Butcher, Assistant Professor  
 Mark J. Castle, Assistant Professor  
 Lisa E. Gibbs, Instructor  
 Brandon E. Ragland, Instructor  
 Laura L. Hargrave, Lecturer  
 Alison Page, Lecturer

## Undergraduate Programs and Requirements

### Majors

Musical Theatre (B.F.A.)  
 Theatre

### Minors

Dance  
 Film Production  
 The Arts  
 Theatre

The Department of Theatre and Dance in the School of the Arts offers a major in theatre leading to a bachelor of arts degree and a major in musical theatre leading to a bachelor of fine arts degree. Much of the training is accomplished by practical experience that also provides cultural and intellectual stimuli to campus and community life. These activities include main-stage theatre productions, experimental plays, workshops, visiting artists, and sponsorship of many theatre productions. Students seeking admission to either the B.A. in theatre or the B.F.A. in musical theatre degree programs should contact the theatre and dance department to arrange for an audition and interview.

Theatre students are required to complete oral examinations each spring semester covering the prescribed reading list. Students will also display a current portfolio at the end of the spring semester and upon approval will be advanced to the next level courses.

The department also offers minors in dance and theatre and, in cooperation with the Department of Art and the Division of Music, offers an interdisciplinary minor in the arts. In cooperation with the Department of Journalism and Mass Communication, the department also offers a minor in film production.

### University Core Curriculum and General Education Requirements

General education requirements are detailed in the individual degree tables, with some exceptions. In those cases where a requirement is not specified, consult the General Education Requirements table on p. 64 for a list of applicable courses. For a list of required courses that comprise the University Core Curriculum, see also p. 64. Students may count one semester of DANC 100, 101, 102, 201, 202, 211, 212, 301, or 302 for one general education physical activity course, but only if the course is not also required for the student's major or minor.

## Theatre Major

Theatre Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>28-32</b>
<b>Natural &amp; Computational Sciences</b>		<b>8</b>
<b>Social Sciences</b>		<b>4</b>
<b>Mathematics</b>		<b>4</b>
<b>World Languages</b>		<b>4-8</b>
(complete up through 102 in any foreign language)	4-8	
<b>Fine Arts (select one course)</b>		<b>2</b>
ART 200 Art Appreciation	2	
MUSC 200 Music Appreciation	2	
<b>Humanities</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
DANC 100 Ballet Fundamentals <i>or</i>	1	
DANC 101 Ballet I		
PHED 117-118 Beginning Social Dance <i>or</i>	1	
PHED 121 Jazz/Tap for Fitness		
<b>Theatre Major:</b>		<b>48</b>
<b>Theatre Core</b>		<b>36</b>
THEA 101-102 Introduction to Theatre I-II	2	
THEA 201 Theatre Production (must take seven times)	7	
THEA 212 Acting I	3	
THEA 242 Fundamentals of Design	3	
THEA 243 Stagecraft	3	
THEA 322 Beginning Directing	3	
THEA 330 Theatre History & Literature I	3	
THEA 332 Theatre History & Literature II	3	
THEA 341 Set Design <i>or</i>	3	
THEA 343 Lighting Design <i>or</i>		
THEA 344 Makeup Design <i>or</i>		
THEA 345 Costume Design <i>or</i>		
THEA 346 Sound Design		
THEA 347 Stage Management	3	
THEA 450 Capstone Course	3	
<b>Theatre Electives: (see note)*</b>		<b>12</b>
<b>Theatre Design Track</b>		
THEA 341 Set Design	3	
THEA 342 Scenic Art for the Theatre	3	
THEA 343 Lighting Design	3	
THEA 344 Makeup Design	3	
THEA 345 Costume Design	3	
THEA 346 Sound Design	3	
THEA 380 History of Fashion and Costume	3	
THEA 424 Theatre Internship	3	
THEA 443 Computer Aided Design	3	
THEA 455 Directed Studies in Theatre	3	
<b>Acting/Directing Track</b>		
FLMT 310 Screenwriting	3	
FLMT 371 Acting for the Camera	3	
THEA 312 Acting II	3	
THEA 313 Acting III	3	
THEA 323 Advanced Directing	3	
THEA 375 Acting Workshop	1	
THEA 414 Playwriting	3	
THEA 415 Creative Drama	3	
THEA 424 Theatre Internship	3	
THEA 455 Directed Studies in Theatre	3	
<b>General Electives</b>		<b>26-30</b>
<b>Total Required Credits</b>		<b>128</b>

\*Select a minimum of 12 hours in upper-level theatre courses. Design/tech specialists should concentrate on the design curriculum. Acting/directing specialists should concentrate on the acting/directing curriculum. Generalists can choose from either category.

## Musical Theatre Major (Bachelor of Fine Arts)

The bachelor of fine arts (B.F.A.) degree in musical theatre is designed for students who wish to pursue a career in musical theatre. The program will provide interrelated educational experiences in music, theatre, and dance that prepare students for the production of musical theatre in the professional, academic, and community theatre environment. Students must have a minimum GPA of 2.5 for admission to the program.

Musical Theatre Major for a Bachelor of Fine Arts Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>16</b>
<b>Mathematics or Natural Science</b> (choose one)		<b>4</b>
IDSC 201 Scientific Methods	4	
MATH 110 Contemporary Mathematics	4	
MATH 150 Precalculus	4	
MATH 210 Elementary Statistics	4	
MATH 240 Calculus I	4	
<b>Humanities or Social Sciences</b> (choose one area below and complete four credits)		<b>4</b>
Humanities	4	
Social Science	4	
<b>World Languages</b>		<b>8</b>
Two courses in either French, German, or Italian	8	
<b>Musical Theatre Major (B.F.A.):</b>		<b>90</b>
<b>Theatre</b>		<b>33</b>
THEA 101-102 Introduction to Theatre I-II	2	
THEA 175 Freshman Acting Workshop (2 semesters)	2	
THEA 201 Theatre Production (8 semesters)	4	
THEA 212 Acting I	3	
THEA 243 Stagecraft	3	
THEA 312 Acting II	3	
THEA 313 Acting III	3	
THEA 316 Auditioning & Professional Development	2	
THEA 322 Beginning Directing	3	
THEA 330 Theatre History & Literature I	3	
THEA 332 Theatre History & Literature II	3	
THEA 434 American Musical Theatre History	3	
<b>Music</b>		<b>37</b>
MUSA 1257 Voice (must take twice)	4	
MUSA 2157-4357 Voice	6	
MUSC 1200 Basic Conducting	2	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
MUSC 1610, 1620 Diction for Singers I-II	2	
MUSC 1720-1721 Univ Chorale/A Cappella Choir (must be taken freshman year)	2	
MUSC 1941-1942 Class Piano I-II	2	
MUSC 2500 Introduction to Music Technology	2	
MUSC 2550 Elementary Keyboard Harmony	1	
MUSC 3400 Introduction to Music Literature Ensembles*	6	
<b>Dance</b>		<b>10</b>
DANC 101-102 Ballet I-II	2	
DANC 201-202 Jazz I-II	2	
DANC 211-212 Tap Dance I-II	2	
DANC 301-302 Modern Dance I-II	2	
DANC 401 Choreography	2	
<b>Music Theatre Electives</b>		<b>10</b>
Ten (10) upper-level credits in theatre, music, or dance		
<b>Total Required Credits</b>		<b>128</b>

\*Ensembles include Music Theatre Ensemble (MUSC 1722/3722), OperaWorks (MUSC 1723/3723), University Chorale (MUSC 1720/3720), and A Cappella Choir (MUSC 1721/3721).

## Dance Minor

Dance Minor Required Courses	Course Credits	Total Required Credits
<b>Dance Core</b>		<b>18</b>
DANC 100 Ballet Fundamentals <i>or</i> DANC 101 Ballet I	1	
DANC 102 Ballet II	1	
DANC 201 Jazz I	1	
DANC 202 Jazz II	1	
DANC 210 Dance Production (take twice)	2	
DANC 301 Modern Dance I	1	
DANC 302 Modern Dance II	1	
DANC 401 Choreography	2	
DANC 410 Dance History	3	
THEA 101-102 Introduction to Theatre I-II	2	
THEA 242 Fundamentals of Design	3	
<b>Theatre Electives</b>		<b>7</b>
Four (4) credits must be in upper-level courses		
<b>Total Required Credits</b>		<b>25</b>

## Film Production Interdisciplinary Minor

The interdisciplinary film production minor, offered in cooperation with the Department of Journalism and Mass Communication, allows students to become conversant with the conceptual and practical aspects of visual storytelling. Students will write and edit their own scripts, use digital video cameras to capture scenes, and edit their own projects using high-end software.

Film Production Interdisciplinary Minor Required Courses	Course Credits	Total Required Credits
<b>Film Production Core</b>		<b>15</b>
FLMJ 200 Introduction to Film Production	4	
FLMJ 300 Film Production	4	
FLMJ 400 Documentary Film Production <i>or</i> FLMJ 410 Short Film Production	4	
FLMT 310 Screenwriting	3	
<b>Film Production Electives</b> (Choose from the following)		<b>7-8</b>
ENGL 350 Film History	4	
FLME 352 Foreign Film	4	
FLME 354 The War Film	4	
FLMJ 341 Film Production, Technology, & Culture	4	
FLMT 371 Acting for the Camera	3	
JMC 362 The Film Genre	2	
JMC 364 Film Criticism	2	
POLS 355 Politics in Film	4	
<b>Total Required Credits</b>		<b>22-23</b>

## Theatre Minor

Theatre Minor Required Courses	Course Credits	Total Required Credits
<b>Theatre Core</b>		<b>9</b>
THEA 201 Theatre Production (take three times)	0-1	
THEA 212 Acting I	3	
THEA 242 Fundamentals of Design	3	
THEA 330 Theatre History & Literature I <i>or</i> THEA 332 Theatre History & Literature II	3	
<b>Theatre Electives *</b>		<b>14</b>
<b>Total Required Credits</b>		<b>23</b>

\*Twelve (12) credits must be in upper-level courses.

## Minor in the Arts

The arts minor is focused on broad experience in music, theatre/dance, and art. The minor includes experience in contextual/historical, performance, foundational, and elective courses across the various areas of the School of the Arts.

<b>Minor in the Arts Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Arts Core</b>		<b>12</b>
(12 credits required in the Arts Core, including the minimum number stated within each subgroup below.)		
<b>History/Literature Course</b> (complete at least 2 credits)		
ART 381 Art History I <i>or</i>	4	
ART 382 Art History II <i>or</i>		
ART 383 Art History III		
MUSC 3400 Introduction to Music Literature	2	
THEA 330 Theatre History & Literature I	3	
THEA 331 History of Theatre, Architecture, Production Practices, and Persons: Origins to the Present*	4	
THEA 332 Theatre History & Literature II	3	
THEA 333 Dramatic Literature: History, Genre, Plays, & Playwrights*	4	
<b>Foundations Courses</b> (complete at least 4 credits)		
ART 101 Structure I	4	
MUSC 1510 Theory I	3	
MUSC 1511 Theory Lab I	1	
MUSC 1520 Theory II	3	
MUSC 1521 Theory Lab II	1	
THEA 242 Fundamentals of Design	3	
THEA 341 Set Design	3	
THEA 343 Lighting Design	3	
THEA 344 Makeup Design	3	
THEA 345 Costume Design	3	
<b>Performance Course</b> (complete at least 2 credits)		
ART 221 Drawing I	3	
ART 231 Painting I	3	
ART 240 Ceramics	3	
DANC 101 Ballet I	1	
DANC 102 Ballet II	1	
THEA 212 Acting I	3	
Applied Music Lessons (juried)**	2-6	
<b>Arts Electives</b>		<b>12</b>
Art Electives	4	
Music Electives	4	
Theatre/Dance Electives	4	
<b>Total Required Credits</b>		<b>24</b>

\* See the 2008-09 catalog for a course description of THEA 331 & 333.

\*\* Permission of the associate dean is required before enrolling in applied music lessons; an audition may be required.

Note: At least six (6) hours required in the minor must be upper-level credits. School of the Arts majors may only include four (4) hours from their major discipline; these credits will be counted as elective credits within the minor.

## Courses

### DANCE

Note: One semester of DANC 100, 101, 102, 201, 202, 211, 212, 301, or 302 can be credited for one general education physical activity course, but only if the course is not also required for the student's major or minor.

#### DANC 100 Ballet Fundamentals (1)

Fundamentals of ballet dance technique for students new to the discipline and those with little formal training. A movement class which includes barre, floor, and center work; dance vocabulary; and discussions of the origins of ballet. Offered: Fall and Spring.

#### DANC 101 Ballet I (1)

Instruction of ballet dance technique for students with some prior training. Emphasis on proper body alignment of all movements through the sequential training of the muscles, thereby reducing injuring and increasing ability. Students will improve movement memory and musicality, and increase personal fitness while developing self-discipline and self-awareness. Offered: Fall.

#### DANC 102 Ballet II (1)

Continuation of DANC 101. Prereq: DANC 101 or instructor permit. Offered: Spring.

#### DANC 201 Jazz I (1)

Instruction of jazz dance technique. Emphasis on the elements of attitude, focus, energy, music, projection, and the combining of those elements with the dancer's own personal style. Students will develop performance quality, the ability to learn movement quickly and remember combinations, and the ability to move with the rhythm of a musical composition. Offered: Fall, on rotation.

#### DANC 202 Jazz II (1)

Continuation of DANC 201. Prereq: DANC 201 or instructor permit. Offered: Spring, on rotation.

#### DANC 210 Dance Production (0-1)

Dance performance participation course. Students will perform and may also choreograph, design costumes, sets, lights, or sound for dance performances. Dance minors must complete course twice. Prereqs: DANC 101 and either DANC 201 or DANC 301. Offered: Fall and Spring.

#### DANC 211 Tap Dance I (1)

Instruction of tap dance technique. Students will acquire skill and knowledge of basic tap dance steps while improving their physical fitness, body awareness, and problem-solving skills. Historical foundations, social dance aspects, and the application of tap dance to musical theatre dance will be studied. Offered: Fall, on rotation.

#### DANC 212 Tap Dance II (1)

Continuation of DANC 211. Prereq: DANC 211 or permission of instructor. Offered: Spring, on rotation.

#### DANC 301 Modern Dance I (1)

Instruction of modern dance technique. Emphasis on the techniques of modern dance pioneers of the early twentieth century, and how this art form is similar yet very different from classical ballet. Students learn the physical aspects of alignment, succession, opposition, potential and kinetic energy, fall, weight, recovery and rebound, suspension, and isolation. Students will also strengthen muscles, increase flexibility, and increase coordination while developing self-discipline and self-awareness. Offered: Fall, on rotation.

#### DANC 302 Modern Dance II (1)

Continuation of DANC 301. Prereq: DANC 301 or instructor permit. Offered: Spring, on rotation.

### **DANC 401 Choreography (2)**

Basic approach to the choreographic process, from the beginnings of the choreographic impulse to the completion of the dance, and including the costuming, staging and performance of the student-created work. Emphasis on using dance as a way to communicate through movement, with students applying and demonstrating critical and creative-thinking skills through self and peer evaluations. Includes coverage of National Dance Content Standards, which are necessary for the application of teaching dance in grades K-12. Offered: Fall, on rotation.

### **DANC 410 Dance History (3)**

Survey of the history of dance from the 1500s through today, with emphasis on the 20th century. Topics include the progression of ballet from European court dance to its current forms; the development of modern dance in America and Europe; and the emergence of jazz dance. Pioneering choreographers, presenters, and performers, along with social and political influences on the art form, are explored. Prereq: DANC 102. Offered: Fall, on rotation.

## **THEATRE**

### **THEA 101-102 Introduction to Theatre I and II (1 credit each course)**

Team-taught introduction to theatre arts including elements of directing/acting, technical/design, and play reading/analysis. Required of all theatre majors. Offered: Fall (101); Spring (102).

### **THEA 175 Freshman Acting Workshop (1)**

Acting workshop for freshman theatre students, designed to maintain existing skills and prepare students for auditions and performance. Course repeatable for maximum of two credits. Offered: Fall and Spring.

### **THEA 200 Theatre Appreciation (2)**

Study of the historical and literary significance of theatre through the ages. This course follows the development of the theatre, engaging students through practical theatre production exercises and attendance of live performances. Satisfies two credits of the general education fine arts requirement for most majors. Offered: Fall and Spring.

### **THEA 201 Theatre Production (0-1)**

Theatre activity participation course; required of all theatre majors. Students are assigned responsibility on a scenic, lighting, costume, or makeup crews and must demonstrate proficiency in the assigned area of theatrical production by the end of the course. Other students are evaluated for acting roles and/or directing and stage management responsibility. Theatre majors must complete seven semesters of THEA 201; musical theatre (B.F.A.) majors must complete eight, while theatre minors must complete three. Grading is pass/fail; credit is variable. Offered: Fall and Spring.

### **THEA 212 Acting I (3)**

Introduction to the basic principles and techniques of acting, with emphasis on script analysis, play structure, movement techniques, and voice work audition techniques. Offered: Fall.

### **THEA 242 Fundamentals of Design (3)**

Introduction to the design areas of scenery, lighting, sound, and costuming with emphasis on conceptualization, communication, process and implementation. Concentration will be in areas of drafting, visualization, programming, and editing. Prereq: THEA 243. Offered: Spring.

### **THEA 243 Stagecraft (3)**

Introduction for students to the process of realizing stage design from the theatre technician's point of view. Emphasis on the craft and technology used in mounting a theatrical production. Topics include the principles and tools used in the construction, rigging, and handling of scenery for the stage. Offered: Fall.

### **THEA 312 Acting II (3)**

Study of advanced problems in movement, perception of characters, and acting methods including Stanislavski, Meisner, and Adler. Prereq: THEA 212 or permission of the instructor. Offered: Spring, on rotation. (Formerly THEA 412)

### **THEA 313 Acting III (3)**

Practical study in acting styles of the most influential dramatic periods to include Greek, Medieval, Commedia Dell'Arte, Shakespeare, Neo-Classic, Restoration, Naturalism, Epic, and Non-Realistic. Prereq: THEA 212 or permission of the instructor. Offered: Spring, on rotation. (Formerly THEA 413)

### **THEA 316 Auditioning and Professional Development (2)**

Introduction to the literature of musical theatre, and to the techniques, practices, and expectations for professional auditions. Prereqs: THEA 175 or THEA 212. Offered: Fall, on rotation.

### **THEA 322 Beginning Directing (3)**

Study of the principles and methods of play directing. Also includes training in selecting and analyzing scripts, experience in casting and conducting rehearsals from the director's point of view, and participation in the workshop program. Required of all theatre majors. Offered: Fall.

### **THEA 323 Advanced Directing (3)**

Practical application of skills learned in THEA 322 (Beginning Directing), with focus on advanced studies in scene analysis and play structure, continued-blocking techniques, and working with the actor. Additional emphasis placed on designing the rehearsal period, working with designers, and complete preparation for directing a full-length, main-stage production. Prereq: THEA 322. Offered: Spring, on rotation.

### **THEA 330 Theatre History and Literature I (3)**

Survey of the history and literature of the theatre from its origins to the English Restoration. This course examines the predominant influences, staging practice, and accompanying literature of each period. Required of all theatre majors. Prereqs: THEA 101, THEA 102, UCCA 102, UCCP 101, and UCCP 102. Offered: Fall.

### **THEA 332 Theatre History and Literature II (3)**

Survey of the history and literature of the theatre from the American Revolution to present day. This course examines the predominant influences, staging practice, and accompanying literature of each period. Required of all theatre majors. Prereqs: THEA 101, THEA 102, UCCA 102, UCCP 101, and UCCP 102. Offered: Spring.

### **THEA 341 Set Design (3)**

Study of the theory and practice of scenic design for the stage. Problems in set design involving sketching, drafting, and scale model-making comprise this course of study. Particular emphasis is given to the process of design conceptualization and communication. Prereq: THEA 242 or permission of the instructor. Offered: Fall, on rotation.

### **THEA 342 Scenic Art for the Theatre (3)**

Introduction to the skills required to function as a scenic artist in the theatre scenic studio. Reproduction of works of fine art, practical exercises, and work on actual productions comprise the bulk of the student's work. Prereq: Permission of the instructor. Offered: Spring, on rotation.

### **THEA 343 Lighting Design (3)**

Examination of the art of stage lighting from a theoretical and practical point of view. Concentration will be in areas of conceptualization, communication, and equipment application. Prereq: THEA 242. Offered: Spring, on rotation.

### **THEA 344 Makeup Design (3)**

Practical study of the design and application principles of stage makeup with emphasis on student participation and projects. Prereq: THEA 242. Offered: Fall, on rotation. (Formerly THEA 241)



**THEA 345 Costume Design (3)**

Study of the elements of costume design and the graphic interpretation of characters from plays. Includes a practical explanation of the basic construction of stage costumes. Prereq: THEA 242. Offered: Spring, on rotation.

**THEA 346 Sound Design (3)**

Study of the theory and practice of sound design. Concentration on conceptualization, communication, introduction of new media, and practical application of technology. Course of study includes editing, sequencing, reinforcement, and recording. Prereq: THEA 242. Offered: Spring, on rotation.

**THEA 347 Stage Management (3)**

Examination of the craft of stage management from a theoretical and practical point of view. Course objectives includes comprehension and implementation of theatre safety procedures from a practical viewpoint. Concentration will be in areas of organization, rehearsal and performance processes, communication, and safety applications. Prereq: THEA 101, 242 or permission of the instructor. Offered: Fall, on rotation.

**THEA 375 Acting Workshop (1)**

Development of skills learned in acting classes. Support and preparation for auditions, scene work, and performance. Opportunity to develop special skills in dialect, physical theatre, character analysis, or advanced technique work in acting theory. May be repeated seven times. Prereq: Permission of the instructor. Offered: Fall and Spring.

**THEA 380 History of Fashion and Costume (3)**

Study of historical clothing as dress and as stage costuming, from primitive apparel to present fashion. Prereq: THEA 101, 242, or permission of the instructor. Co-listed as ART 380. Offered: Fall, on rotation.

**THEA 397 Acting Ensemble (0-1)**

Participation as an actor in a main stage (fully realized, funded, technically supported, and academically supervised) theatre production. May be repeated seven times. Prereq: Permission of the instructor. Offered: Fall and Spring.

**THEA 398 Technical Theatre Ensemble (0-1)**

Participation as a designer, technical director, or stage manager in a main stage (fully realized, funded, technically supported, and academically supervised) theatre production. Students are assigned to productions based upon their experience and expertise in specific technical areas. May be repeated seven times. Prereq: Permission of the instructor. Offered: Fall and Spring.

**THEA 414 Playwriting (3)**

Seminar and workshop in writing for the stage. Readings emphasize plays from a range of literary eras and playwriting theory texts. Writing assignments include weekly exercises and the execution of a one-act play. Prereqs: UCCA 102; UCCP 101 and 102. Offered: Spring, on rotation.

**THEA 415 Creative Drama (3)**

Study of the history of children's theatre and creative dramatics. In addition to in-class work and lectures, students gain hands-on experience with practical teaching and play production by working with schools and afterschool programs. Prereq: THEA 101. Offered: Fall, on rotation.

**THEA 424 Theatre Internship (3)**

Seminar and workshop in writing for the stage. Readings emphasize plays from a range of literary eras and playwriting theory texts. Writing assignments include weekly exercises and the execution of a one-act play. Prereq: Permission of instructor. Offered: Fall, Spring, and Summer.

**THEA 434 American Musical Theatre History (2)**

Overview of the art and craft of American musical theatre as seen in the evolution of landmark productions. Offered: Spring, on rotation. (Formerly MUSC 4460)

**THEA 443 Computer Aided Design (3)**

Study of advanced theatrical design and communication principles through computer software and digital media. Course objectives include practical application of these technologies in technical direction, lighting, sound, costume and scenic design processes. Prereq: THEA 242. Offered: Fall, on rotation.

**THEA 450 Capstone Course (3)**

Completion of a major project in theatre, in conjunction with a faculty mentor. Reading and study of works listed on the departmental reading list. An oral examination must be passed. Required of all theatre majors. Prereqs: Senior standing, completion of major requirements, and mentor choice on record. Offered: Fall and Spring.

**THEA 455 Directed Studies in Theatre (3)**

Advanced study of a specific area of theatre or a related field. This course involves written, oral, and other forms of communication, including a required paper, oral presentation, and/or other major presentation. Designed to meet a variety of needs, this course can be structured as an individual study or as a group seminar. Can be repeated for up to six credits. Prereq: Permission of the instructor. Offered: Fall and Spring.

**THEATRE - FILM PRODUCTION****FLMT 310 Screenwriting (3)**

Lectures, seminars, and screenings of films illustrating basic aspects of screenwriting, structure, action, conflict, character development, and script format. Students analyze original screenplays and write original works, including a first and second draft of two short screenplays. Prereq: Permission of instructor. Offered: Spring, on rotation.

**FLMT 371 Acting for the Camera (3)**

Introduction to acting techniques for the camera. Students will read screenplays and participate in discussions comparing acting techniques for stage and screen. The student will work on roles and will develop the tools needed for on-camera performance. Offered: Spring, on rotation.

# Brock School of Business



## Administration

Beck A. Taylor, Dean, Professor of Economics  
 James P. Reburn, Associate Dean, Professor of Accounting  
 Barbara H. Cartledge, Director, Undergraduate Programs,  
 Assistant Professor of Business  
 Larron C. Harper, Director, Graduate Programs, Assistant Professor of Business  
 John C. Knapp, Director, Frances Marlin Mann Center for Ethics and Leadership,  
 University Professor, Mann Family Professor of Ethics and Leadership  
 Bruce H. Nichols, Director, Executive Education  
 Carrie Anna Pearce, Director, Academic Internship Program

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## History

The Brock School of Business was named in 2007 for long-time Samford trustee, banking pioneer, and entrepreneur Harry B. Brock, Jr. The School of Business is fully accredited by AACSB International. The business school offers programs of study leading to the bachelor of science in business administration with majors in accounting, economics, entrepreneurship, finance, management, and marketing. Concentrations are also available in international business and social entrepreneurship. Non-business students may pursue minors in economics, general business, and social entrepreneurship. In addition, at the graduate level, students may earn the master of business administration or master of accountancy degrees.

## Mission

The Samford University Brock School of Business delivers life-long business education to its constituents through quality teaching, meaningful scholarship, and servant relationships, imbued by its Christian commitment.

## Vision

The Samford University Brock School of Business is a recognized leader and school of choice among institutions offering undergraduate and graduate business education informed by Christian principles.

## Core Values

- We affirm Samford University's purpose and mission as our own in the development of business leaders.
- We believe that our Christian perspectives and commitments should permeate and integrate all of our organizational goals and activities.
- We consider learning to be an activity that never ceases, and that the life of the mind is a faithful and noble pursuit.
- We believe that service within organizations is a vocation in the sense that it is a calling that should be treated with great importance and utmost respect.
- We believe in the pursuit of excellence in all dimensions and activities.
- We value the creation of timely, relevant, participatory, and experiential learning environments that develop well-trained persons who add value and achieve fulfilling roles within their organizations, communities, and the global environment.
- We value research and scholarship that develops core competencies, serves society, and equips people and organizations to cope with change and meet challenges.
- We are blessed with and compelled by our tremendous resources to serve our community.
- We respect and value unique and diverse experiences and perspectives contributed by individuals learning and working in a collegial environment.
- We demand ethical behavior, integrity, caring concern, and stewardship from ourselves, our constituents, and the organizations we serve.



## Undergraduate Programs and Requirements

### Accreditation

The Brock School of Business is accredited by AACSB International—the Association to Advance Collegiate Schools of Business ([www.aacsb.edu](http://www.aacsb.edu))—and by SACSCS—the Southern Association of Colleges and Schools.

### Majors

Accounting  
Economics  
Entrepreneurship  
Finance  
Management  
Marketing

### Concentrations

International Business  
Social Entrepreneurship

### Minors

Economics  
General Business  
Social Entrepreneurship and Non-Profit Management

### Joint Degree

Professional Accountancy (B.S.B.A. in Accounting/M.Acc.)

### Interdisciplinary Concentrations\*

Language and World Trade  
Public Administration

The Brock School of Business offers majors in accounting, economics, entrepreneurship, finance, management, and marketing, each leading to a bachelor of science in business administration (B.S.B.A.) degree. Any of the above majors may be combined with either or both concentrations in international business or social entrepreneurship.

The business school also offers a special joint degree, leading to a B.S.B.A. in accounting initially, but ultimately to a master of accountancy.

In addition, minors are offered in economics, general business, and social entrepreneurship and non-profit management. However, none of the above minors are available for School of Business majors.

\*See the World Language and Cultures section for details on language and world trade and the Political Science section for details on public administration.

### Student Objectives

**B.S.B.A. in Accounting:** Graduates will be prepared to pursue a professional career as a CPA, CMA, CIA, auditor, tax accountant, or other positions requiring accounting credentials.

**B.S.B.A. in Economics:** Graduates will be prepared to enter a variety of fields and careers in business and public policy. The economics major is easily paired as a double-major with other programs within the School of Business so that students focusing on accounting, management, marketing, finance, or entrepreneurship will be equipped with both specific skills and a broad general knowledge of economic forces that impact industry and government.

**B.S.B.A. in Entrepreneurship:** Graduates will be prepared to start or find employment in new, family, or small ventures. Students will be equipped with both specific skills and broad general knowledge of factors impacting the success of these businesses.

**B.S.B.A. in Finance:** The finance major provides students with the analytic and theoretical tools necessary for mastering practical issues in financial management of private businesses and other financial institutions. Graduates will be prepared to enter a variety of areas in finance-related fields. Such positions include investment banking firms, securities sales, financial planning, commercial banking, securities research, and corporate treasurer functions.

**B.S.B.A. in Management:** Graduates will be prepared in general knowledge of core functional areas of business, equipped for immediate entry-level positions

in functional areas and industries of choice, and trained for the potential long-term goal of higher level management positions.

**B.S.B.A. in Marketing:** Graduates will be prepared to explore opportunities in advertising, sales, market research, retailing, product management, and public relations. The program focuses on marketing for products and services, occurring in for-profit as well as not-for-profit organizations.

**Concentration in International Business:** Coupled with any major, this concentration equips students with the needed knowledge and experience for international career opportunities.

**Concentration in Social Entrepreneurship:** Coupled with any major, this concentration equips students to start or find employment in either not-for-profit organizations or for-profit firms pursuing social missions. Students will focus on broad issues, such as the role of these organizations in a national economy, and develop specific skills needed to successfully run these types of organizations.

**B.S.B.A. in Accounting/Master of Accountancy:** Graduates will be prepared to pursue a professional career as a CPA, CMA, CIA, auditor, tax accountant, or other positions requiring accounting credentials.

### Admission into the Brock School of Business

To be admitted into the Brock School of Business, students must earn a C- or better in each pre-business course, a cumulative 2.25 or higher pre-business GPA in business school courses (prefixes ACCT, BUSA, and ECON), and a cumulative 2.00 Samford University GPA. Pre-business courses consist of ACCT 211, 212; BUSA 100, 130, 160, 231; and ECON 201, 202.

Admission to the School of Business will be automatic for students who meet the above requirements. Provisional admission status will be granted if a student meets the 2.25 pre-business GPA and 2.00 Samford GPA requirements, but does not meet the C- requirement. Such students will be allowed to take 300-level business courses, but will not be allowed to progress to 400-level business courses until the C- requirement is met.

### Progression Policy

Once admitted into the Brock School of Business, a student must maintain a cumulative 2.25 GPA in School of Business courses to graduate. If a student's cumulative business GPA falls below 2.25, the student will be placed on academic probation. **The student will be required to raise his/her cumulative business GPA to a 2.25 within the next two successive terms of undergraduate enrollment. If the student fails to meet this requirement, then the student will be permanently dismissed from the School of Business.**

### Graduation Requirements

- 1) Complete a minimum of 128 credits.
  - 2) Complete at least 50 percent of business courses at Samford. Only 12 transient hours will be allowed for all business courses from the 100-400 level.
- Exception:** See Important Note under the Accounting Major table.
- 3) Earn a 2.00 GPA in each of the following two areas: Samford and overall.
  - 4) Earn a 2.25 GPA in each of the following two areas: business and the 24 credits which constitute a major.
  - 5) Meet other requirements as outlined by the University.

### Exceptions

Approval of course substitutions, prerequisite waivers, or other exceptions to the degree requirements are rare and made only under extreme circumstances. The associate dean or director of undergraduate programs approves such exceptions.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required and applicable courses. All Brock School of Business majors must take ECON 201 (Principles of Macroeconomics) as their general education social science requirement and MATH 150 (Precalculus) as their general education mathematics requirement. Physical education activity courses are not required for business majors; however, the student may apply a maximum of two (2) activity credits as general electives towards the 128 total credits required to earn a degree.

# Accounting and Management Information Systems

## Faculty

Lowell S. Broom, Chair, Professor of Accounting  
 Cynthia F. Lohrke, Professor of Accounting  
 James P. Reburn, Professor of Accounting  
 Douglas L. Smith, Associate Professor of Accounting  
 William H. Belski, Assistant Professor of Accounting  
 Sharon S. Jackson, Assistant Professor of Business  
 Dennis W. Price, Assistant Professor of Accounting

## Undergraduate Programs and Requirements

### Majors

Accounting  
 Accounting with a Concentration in  
     International Business  
     Social Entrepreneurship

### Joint Degree

Professional Accountancy (B.S.B.A. in Accounting/M.Acc.)

The Department of Accounting and Management Information Systems offers a major in accounting that leads to the bachelor of science in business administration (B.S.B.A.) degree. In addition, students can earn concentrations in international business and social entrepreneurship. The department also offers coursework leading to the master of accountancy (M.Acc.) degree.

The department also offers a special joint degree, leading to a B.S.B.A. in accounting initially, but ultimately to a master of accountancy. This program is only available to students enrolled as undergraduates pursuing a B.S.B.A. in accounting at Samford and is designed to allow students to earn both a B.S.B.A. degree in accounting and master of accountancy degree upon completion of 150 credits.

### Student Objectives

**B.S.B.A. in Accounting:** Graduates will be prepared to pursue a professional career as a CPA, CMA, CIA, auditor, tax accountant, or other positions requiring accounting credentials.

**B.S.B.A. in Accounting/Master of Accountancy:** Graduates will be prepared to pursue a professional career as a CPA, CMA, CIA, auditor, tax accountant, or other positions requiring a graduate degree and/or professional certification. Graduates of this program will have met the requirements necessary to sit for the CPA exam in Alabama.

### Professional Accountancy Program

The Professional Accountancy Program offers seamless integration of coursework within our B.S.B.A. and M.Acc. degree programs to prepare students for professional accountancy careers. Students apply to enter the Professional Accountancy Program during the spring term of their junior year. Students are notified of their conditional acceptance along with their financial aid package for the program by November 15 of their senior year. Students must declare their intention to enter the Professional Accountancy Program by February 1 of their junior year. This declaration will be used to alert the Brock School of Business Graduate Programs Office and Student Records that this student will matriculate into the Professional Accountancy Program. Candidates of this degree program will earn both the B.S.B.A. in accounting and the master of accountancy degree assuming continued successful enrollment. Students must have a minimum overall 2.5 GPA for program admission, including a 2.5 GPA in all prior undergraduate ACCT courses.

## Accounting Major

Accounting Major Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements:*</b>			<b>32</b>
<b>Natural and Computational Sciences</b>			<b>8</b>
<b>Social Sciences</b>			<b>4</b>
ECON 201	Principles of Macroeconomics (Pre-Bus)	4	
<b>Mathematics</b>			<b>4</b>
MATH 150	Precalculus	4	
<b>World Languages</b>			<b>8</b>
101 and 102 of any foreign language		8	
<b>Fine Arts</b>			<b>4</b>
<b>Humanities</b>			<b>4</b>
<b>Accounting Major:</b>			<b>68</b>
<b>Pre-Business Curriculum**</b>			<b>19</b>
ACCT 211	Accounting Concepts I	3	
ACCT 212	Accounting Concepts II	3	
BUSA 100	World of Business	3	
BUSA 130	Quantitative Methods I	3	
BUSA 160	Computer Competency Assessment	1	
BUSA 231	Quantitative Methods II	3	
ECON 202	Principles of Microeconomics	3	
<b>Business Core</b>			<b>25</b>
BUSA 252	Legal Environment of Business	3	
BUSA 360	Information Systems and Technology	3	
FINC 321	Financial Management	3	
MNGT 303	Principles of Management	3	
MNGT 342	Operations Management	3	
MNGT 400	Managerial Values	3	
MNGT 481	Business Strategy	3	
MNGT 482	Business Simulation	1	
MARK 311	Marketing Management	3	
<b>Accounting Core</b>			<b>21</b>
ACCT 310	Income Tax I	3	
ACCT 311	Financial Accounting & Reporting I	3	
ACCT 312	Financial Accounting & Reporting II	3	
ACCT 313	Cost Accounting	3	
ACCT 420	Auditing I	3	
ACCT 470	Information Systems	3	
BUSA 454	Business Law	3	
<b>Accounting Elective</b>			<b>3</b>
(select one from the following)			
ACCT 410	Income Tax II	3	
ACCT 415	Governmental & Not-for-Profit Accounting	3	
ACCT 496	Accounting Internship	3	
<b>General Electives</b>			<b>6</b>
<b>Total Required Credits</b>			<b>128</b>

\*Unless a requirement is specified, see General Education Requirements in the Howard College of Arts & Sciences section for a list of required and applicable courses.

\*\*Pre-Business curriculum includes ECON 201 from above.

**Important Note:** To qualify for graduation, accounting majors must earn a cumulative 2.25 GPA or better in all accounting courses and must complete five of the six 300-400 level ACCT core courses at Samford.

## Professional Accountancy Program

Professional Accountancy Degree Program Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:*</b>		<b>32</b>
<b>Natural and Computational Sciences</b>		<b>8</b>
<b>Social Sciences</b>		<b>4</b>
ECON 201 Principles of Macroeconomics (Pre-Bus)	4	
<b>Mathematics</b>		<b>4</b>
MATH 150 Precalculus	4	
<b>World Languages</b>		<b>8</b>
101 and 102 of any foreign language	8	
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Professional Accountancy Major:</b>		<b>96</b>
<b>Pre-Business Curriculum**</b>		<b>19</b>
ACCT 211 Accounting Concepts I	3	
ACCT 212 Accounting Concepts II	3	
BUSA 100 World of Business	3	
BUSA 130 Quantitative Methods I	3	
BUSA 160 Computer Competency Assessment	1	
BUSA 231 Quantitative Methods II	3	
ECON 202 Principles of Microeconomics	3	
<b>Business Core</b>		<b>25</b>
BUSA 252 Legal Environment of Business	3	
BUSA 360 Information Systems and Technology	3	
FINC 321 Financial Management	3	
MNGT 303 Principles of Management	3	
MNGT 342 Operations Management	3	
MNGT 400 Managerial Values	3	
MNGT 481 Business Strategy	3	
MNGT 482 Business Simulation	1	
MARK 311 Marketing Management	3	
<b>Business Elective</b>		<b>3</b>
(any 300/400-level business course not previously taken to meet a stated requirement of this major)	3	
<b>Professional Accountancy Track</b>		<b>40</b>
ACCT 310 Income Tax I	3	
ACCT 311 Financial Accounting & Reporting I	3	
ACCT 312 Financial Accounting & Reporting II	3	
ACCT 313 Cost Accounting	3	
ACCT 420 Auditing I	3	
ACCT 496 Accounting Internship	3	
BUSA 454 Business Law	3	
ACCT 510 Income Tax II	3	
ACCT 515 Governmental/Not-for-Profit Accounting	3	
ACCT 520 Auditing II	3	
ACCT 525 Applied Professional Research	3	
ACCT 540 Financial Accounting & Reporting III	3	
ACCT 599 Contemporary Issues in Accountancy	1	
BUSA 533 MIS and Communications Technology	3	
<b>Accounting Elective (choose one of the following)</b>		<b>3</b>
ACCT 514 Tax Research	3	
ACCT 519 Accounting for Decision Making	3	
ACCT 550 Managerial Accounting Seminar	3	
ACCT 555 Internship	3	
ACCT 560 Accounting Theory	3	
<b>Required Business Electives (Non-Accounting)</b>		<b>6</b>
Business courses (select 2 from the MBA list on p. 137)	6	
<b>Total Required Credits</b>		<b>150</b>

\*Unless a requirement is specified, see General Education Requirements in the Howard College of Arts & Sciences section for a list of required and applicable courses.

\*\*Pre-Business curriculum includes ECON 201 from above.

# Economics, Finance, and Quantitative Analysis

## Faculty

Thomas W. Woolley, Chair, Professor of Business Statistics  
 Steven T. Jones, Professor of Finance  
 Jennings B. Marshall, Professor of Economics  
 Beck A. Taylor, Professor of Economics  
 Sara E. Helms, Assistant Professor of Economics  
 Jeremy P. Thornton, Assistant Professor of Economics  
 John M. Venable, Assistant Professor of Business  
 Melissa K. Woodley, Assistant Professor of Finance

## Undergraduate Programs and Requirements

### Majors

Economics  
 Economics with a Concentration in  
 International Business  
 Social Entrepreneurship  
 Finance  
 Finance with a Concentration in  
 International Business  
 Social Entrepreneurship

### Minor

Economics

The Department of Economics, Finance, and Quantitative Analysis offers majors in economics and finance, each leading to a bachelor of science in business administration (B.S.B.A.) degree. In addition, students can earn concentrations in international business and social entrepreneurship.

A minor in economics is also available. However, the economics minor is not available for School of Business majors.

### Student Objectives

**B.S.B.A. in Economics:** Graduates will be prepared to enter a variety of fields and careers in business and public policy. The economics major is easily paired as a double-major with other programs within the School of Business so that students focusing on accounting, management, marketing, finance, or entrepreneurship will be equipped with both specific skills and a broad general knowledge of economic forces that impact industry and government.

**B.S.B.A. in Finance:** The finance major provides students with the analytic and theoretical tools necessary for mastering practical issues in financial management of private businesses and other financial institutions. Graduates will be prepared to enter a variety of areas in finance-related fields. Such positions include investment banking firms, securities sales, financial planning, commercial banking, securities research, and corporate treasurer functions.

## Economics Major

Economics Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:*</b>		<b>32</b>
<b>Natural and Computational Sciences</b>		<b>8</b>
<b>Social Sciences</b>		<b>4</b>
ECON 201 Principles of Macroeconomics (Pre-Bus)	4	
<b>Mathematics</b>		<b>4</b>
MATH 150 Precalculus	4	
<b>World Languages</b>		<b>8</b>
101 and 102 of any foreign language	8	
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Economics Major:</b>		<b>68-69</b>
<b>Pre-Business Curriculum**</b>		<b>19</b>
ACCT 211 Accounting Concepts I	3	
ACCT 212 Accounting Concepts II	3	
BUSA 100 World of Business	3	
BUSA 130 Quantitative Methods I	3	
BUSA 160 Computer Competency Assessment	1	
BUSA 231 Quantitative Methods II	3	
ECON 202 Principles of Microeconomics	3	
<b>Business Core</b>		<b>25</b>
BUSA 252 Legal Environment of Business	3	
BUSA 360 Information Systems and Technology	3	
FINC 321 Financial Management	3	
MNGT 303 Principles of Management	3	
MNGT 342 Operations Management	3	
MNGT 400 Managerial Values	3	
MNGT 481 Business Strategy	3	
MNGT 482 Business Simulation	1	
MARK 311 Marketing Management	3	
<b>Economics Core</b>		<b>9</b>
BUSA 332 Quantitative Methods III	3	
ECON 301 Intermediate Macroeconomics	3	
ECON 302 Intermediate Microeconomics	3	
<b>Business Electives-Economics Majors</b> (select any three business courses not previously taken to meet a stated requirement of this major)		<b>9</b>
<b>Economics Electives</b> (select two from the following)		<b>6-7</b>
ECON 394 International Studies in Economics	3	
ECON 401 Money and Banking	3	
ECON 410 Game Theory	4	
ECON 415 Industrial Organization	3	
ECON 420 International Economics	3	
ECON 425 Econometrics	3	
ECON 426 Topics in Economics	3	
ECON 430 Law and Economics	3	
<b>General Electives</b>		<b>5-6</b>
<b>Total Required Credits</b>		<b>128</b>

\*Unless a requirement is specified, see General Education Requirements in the Howard College of Arts & Sciences section for a list of required and applicable courses.

\*\*Pre-Business curriculum includes ECON 201 from above.

## Finance Major

Finance Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:*</b>		<b>32</b>
<b>Natural and Computational Sciences</b>		<b>8</b>
<b>Social Sciences</b>		<b>4</b>
ECON 201 Principles of Macroeconomics (Pre-Bus)	4	
<b>Mathematics</b>		<b>4</b>
MATH 150 Precalculus	4	
<b>World Languages</b>		<b>8</b>
101 and 102 of any foreign language	8	
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Finance Major:</b>		<b>68</b>
<b>Pre-Business Curriculum**</b>		<b>19</b>
ACCT 211 Accounting Concepts I	3	
ACCT 212 Accounting Concepts II	3	
BUSA 100 World of Business	3	
BUSA 130 Quantitative Methods I	3	
BUSA 160 Computer Competency Assessment	1	
BUSA 231 Quantitative Methods II	3	
ECON 202 Principles of Microeconomics	3	
<b>Business Core</b>		<b>25</b>
BUSA 252 Legal Environment of Business	3	
BUSA 360 Information Systems and Technology	3	
FINC 321 Financial Management	3	
MNGT 303 Principles of Management	3	
MNGT 342 Operations Management	3	
MNGT 400 Managerial Values	3	
MNGT 481 Business Strategy	3	
MNGT 482 Business Simulation	1	
MARK 311 Marketing Management	3	
<b>Finance Core</b>		<b>15</b>
ACCT 311 Financial Accounting & Reporting I	3	
BUSA 332 Quantitative Methods III	3	
FINC 424 Investments	3	
FINC 428 Financial Institutions	3	
FINC 429 Business Finance II	3	
<b>Business Elective-Finance Majors</b> (select one business course not previously taken to meet a stated requirement of this major)		<b>3</b>
<b>Finance Electives</b> (select two from the following)		<b>6</b>
ACCT 312 Financial Accounting & Reporting II	3	
ECON 401 Money and Banking	3	
ECON 425 Econometrics	3	
FINC 423 International Capitalism	3	
FINC 426 Topics in Finance	3	
FINC 450 Practicum for Investment Management***	3	
FINC 492 Business Internship: Finance	3	
<b>General Electives</b>		<b>6</b>
<b>Total Required Credits</b>		<b>128</b>

\* Unless a requirement is specified, see General Education Requirements in the Howard College of Arts & Sciences section for a list of required and applicable courses.

\*\* Pre-Business curriculum includes ECON 201 from above.

\*\*\* An additional 3 credits may be applied to business electives or general electives.

### Economics Minor

<b>Economics Minor*</b> <b>Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Economics Core</b>			<b>10</b>
BUSA 130	Quantitative Methods I**	3	
ECON 201	Principles of Macroeconomics***	4	
ECON 202	Principles of Microeconomics	3	
<b>Economics Electives</b> (select four from the following)			<b>12-13</b>
ECON 301	Intermediate Macroeconomics	3	
ECON 302	Intermediate Microeconomics	3	
ECON 401	Money and Banking	3	
ECON 410	Game Theory	4	
ECON 415	Industrial Organization	3	
ECON 420	International Economics	3	
ECON 425	Econometrics	3	
ECON 394	International Studies in Economics	3	
ECON 426	Topics in Economics	3	
ECON 430	Law and Economics	3	
<b>Total Required Credits</b>			<b>22-23</b>

\* Maintain 2.00 GPA in the economics minor.

\*\* An equivalent course may be substituted.

\*\*\* This class may also be used to satisfy a general education social science requirement.

NOTE: The economics minor is not available for School of Business majors.

# Entrepreneurship, Management, and Marketing

## Faculty

Franz T. Lohrke, Chair, Associate Professor of Management, Brock Family Chair in Entrepreneurship  
 John C. Knapp, University Professor, Mann Family Professor of Ethics and Leadership  
 Archie Lockamy III, Professor of Operations Management, Margaret Gage Bush Professor of Business  
 David L. Loudon, Professor of Marketing  
 Robert W. Service, Professor of Management  
 Betsy B. Holloway, Associate Professor of Marketing, Dwight Moody Beeson Chair in Business  
 Darin W. White, Associate Professor of Marketing  
 Charles M. Carson IV, Assistant Professor of Management  
 Barbara H. Cartledge, Assistant Professor of Business  
 Larron C. Harper, Assistant Professor of Business

## Undergraduate Programs and Requirements

### Majors

Entrepreneurship  
 Entrepreneurship with a Concentration in  
     International Business  
     Social Entrepreneurship  
 Management  
 Management with a Concentration in  
     International Business  
     Social Entrepreneurship  
 Marketing  
 Marketing with a Concentration in  
     International Business  
     Social Entrepreneurship

### Minors

General Business  
 Social Entrepreneurship and Non-Profit Management

The Department of Entrepreneurship, Management, and Marketing offers majors in entrepreneurship, management, and marketing, each leading to a bachelor of science in business administration (B.S.B.A.) degree. In addition, students can earn concentrations in international business and social entrepreneurship.

Minors in general business and social entrepreneurship and non-profit management are also available. However, neither minor is available for School of Business majors.

### Student Objectives

**B.S.B.A. in Entrepreneurship:** Graduates will be prepared to start or find employment in new, family, or small ventures. Students will be equipped with both specific skills and broad general knowledge of factors impacting the success of these businesses.

**B.S.B.A. in Management:** Graduates will be prepared in general knowledge of core functional areas of business, equipped for immediate entry-level positions in functional areas and industries of choice, and trained for the potential long-term goal of higher level management positions.

**B.S.B.A. in Marketing:** Graduates will be prepared to explore opportunities in advertising, sales, market research, retailing, product management, and public relations. The program focuses on marketing for products and services, occurring in for-profit as well as not-for-profit organizations.



### Entrepreneurship Major

Entrepreneurship Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:*</b>		<b>32</b>
<b>Natural and Computational Sciences</b>		<b>8</b>
<b>Social Sciences</b>		<b>4</b>
ECON 201 Principles of Macroeconomics (Pre-Bus)	4	
<b>Mathematics</b>		<b>4</b>
MATH 150 Precalculus	4	
<b>World Languages</b>		<b>8</b>
101 and 102 of any foreign language	8	
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Entrepreneurship Major:</b>		<b>68-69</b>
<b>Pre-Business Curriculum**</b>		<b>19</b>
ACCT 211 Accounting Concepts I	3	
ACCT 212 Accounting Concepts II	3	
BUSA 100 World of Business	3	
BUSA 130 Quantitative Methods I	3	
BUSA 160 Computer Competency Assessment	1	
BUSA 231 Quantitative Methods II	3	
ECON 202 Principles of Microeconomics	3	
<b>Business Core</b>		<b>25</b>
BUSA 252 Legal Environment of Business	3	
BUSA 360 Information Systems and Technology	3	
FINC 321 Financial Management	3	
MNGT 303 Principles of Management	3	
MNGT 342 Operations Management	3	
MNGT 400 Managerial Values	3	
MNGT 481 Business Strategy	3	
MNGT 482 Business Simulation	1	
MARK 311 Marketing Management	3	
<b>Entrepreneurship Core</b>		<b>18</b>
BUSA 332 Quantitative Methods III	3	
BUSA 454 Business Law <i>or</i>	3	
MNGT 404 Human Resources Management		
ENTR 304 Entrepreneurship/Small Business Concepts	3	
ENTR 485 Entrepreneurship	3	
FINC 429 Business Finance II	3	
MARK 414 Marketing Research <i>or</i>	3	
MARK 419 Services Marketing		
<b>Business Elective-Entrepreneurship Majors***</b> (select one from the following)		<b>3-4</b>
ACCT 313 Cost Accounting	3	
ACCT 384 Financial Mgmt of Non-Profit Entities	3	
BUSA 308 Web Design for Business Use	3	
BUSA 417 Topics in Marketing	3	
BUSA 496 Business Internship I	3	
ECON 203 Personal Financial Decisions	4	
ECON 302 Intermediate Microeconomics	3	
MNGT 405 Leadership	3	
MARK 415 Marketing Communications	3	
MARK 419 Services Marketing	3	
<b>Entrepreneurship Elective</b> (select one from below)		<b>3</b>
ENTR 407 Topics in Entrepreneurship	3	
ENTR 409 Management of Innovation	3	
ENTR 484 Family Business	3	
ENTR 486 Social Entrepreneurship/Not-for-Profit Mgt	3	
ENTR 488 Small Business Consulting	3	
<b>General Electives</b>		<b>5-6</b>
<b>Total Required Credits</b>		<b>128</b>

\* Unless a requirement is specified, see General Education Requirements in the Howard College of Arts & Sciences section for a list of required and applicable courses.

\*\* Pre-Business curriculum includes ECON 201 from above.

\*\*\* Other electives are possible with department chair approval.

### Management Major

Management Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:*</b>		<b>32</b>
<b>Natural and Computational Sciences</b>		<b>8</b>
<b>Social Sciences</b>		<b>4</b>
ECON 201 Principles of Macroeconomics (Pre-Bus)	4	
<b>Mathematics</b>		<b>4</b>
MATH 150 Precalculus	4	
<b>World Languages</b>		<b>8</b>
101 and 102 of any foreign language	8	
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Management Major:</b>		<b>68</b>
<b>Pre-Business Curriculum**</b>		<b>19</b>
ACCT 211 Accounting Concepts I	3	
ACCT 212 Accounting Concepts II	3	
BUSA 100 World of Business	3	
BUSA 130 Quantitative Methods I	3	
BUSA 160 Computer Competency Assessment	1	
BUSA 231 Quantitative Methods II	3	
ECON 202 Principles of Microeconomics	3	
<b>Business Core</b>		<b>25</b>
BUSA 252 Legal Environment of Business	3	
BUSA 360 Information Systems and Technology	3	
FINC 321 Financial Management	3	
MNGT 303 Principles of Management	3	
MNGT 342 Operations Management	3	
MNGT 400 Managerial Values	3	
MNGT 481 Business Strategy	3	
MNGT 482 Business Simulation	1	
MARK 311 Marketing Management	3	
<b>Management Core</b>		<b>12</b>
BUSA 332 Quantitative Methods III	3	
ENTR 304 Entrepreneurship/Small Business Concepts	3	
MNGT 404 Human Resource Management	3	
MNGT 405 Leadership	3	
<b>Business Electives-Management Majors</b> (select any four business courses not previously taken to meet a stated requirement of this major)		<b>12</b>
<b>General Electives</b>		<b>6</b>
<b>Total Required Credits</b>		<b>128</b>

\*Unless a requirement is specified, see General Education Requirements in the Howard College of Arts & Sciences section for a list of required and applicable courses.

\*\*Pre-Business curriculum includes ECON 201 from above.

## Marketing Major

Marketing Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:*</b>		<b>32</b>
<b>Natural and Computational Sciences</b>		<b>8</b>
<b>Social Sciences</b>		<b>4</b>
ECON 201 Principles of Macroeconomics (Pre-Bus)	4	
<b>Mathematics</b>		<b>4</b>
MATH 150 Precalculus	4	
<b>World Languages</b>		<b>8</b>
101 and 102 of any foreign language	8	
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
<b>Marketing Major:</b>		<b>68</b>
<b>Pre-Business Curriculum**</b>		<b>19</b>
ACCT 211 Accounting Concepts I	3	
ACCT 212 Accounting Concepts II	3	
BUSA 100 World of Business	3	
BUSA 130 Quantitative Methods I	3	
BUSA 160 Computer Competency Assessment	1	
BUSA 231 Quantitative Methods II	3	
ECON 202 Principles of Microeconomics	3	
<b>Business Core</b>		<b>25</b>
BUSA 252 Legal Environment of Business	3	
BUSA 360 Information Systems and Technology	3	
FINC 321 Financial Management	3	
MNGT 303 Principles of Management	3	
MNGT 342 Operations Management	3	
MNGT 400 Managerial Values	3	
MNGT 481 Business Strategy	3	
MNGT 482 Business Simulation	1	
MARK 311 Marketing Management	3	
<b>Marketing Core</b>		<b>12</b>
BUSA 332 Quantitative Methods III	3	
MARK 414 Marketing Research	3	
MARK 416 Consumer Behavior	3	
MARK 419 Services Marketing	3	
<b>Business Elective-Marketing Majors</b> (select one business course not previously taken to meet a stated requirement of this major)	3	<b>3</b>
<b>Marketing Electives</b> (select three from the following)		<b>9</b>
ENTR 486 Social Entrepreneurship/Not-for-Profit Mgt	3	
MARK 415 Marketing Communications	3	
MARK 417 Topics in Marketing	3	
MARK 418 Sales Management	3	
MARK 421 International Marketing	3	
MARK 491 Business Internship: Marketing <i>or</i> BUSA 498 Business Research Project	3	
<b>General Electives</b>		<b>6</b>
<b>Total Required Credits</b>		<b>128</b>

\* Unless a requirement is specified, see General Education Requirements in the Howard College of Arts & Sciences section for a list of required and applicable courses.

\*\* Pre-Business curriculum includes ECON 201 from above.

## Social Entrepreneurship Concentration

Students majoring in accounting, economics, entrepreneurship, finance, management, or marketing can add the social entrepreneurship concentration to their program, which will prepare them to start or find employment in either not-for-profit or for-profit firms pursuing social missions. All requirements must be met for both the major and the concentration, although some course overlap may occur.

Social Entrepreneurship Concentration Required Courses	Course Credits	Total Required Credits
<b>Social Entrepreneurship Core</b>		<b>10-12</b>
ACCT 384 Financial Management-Non-Profit Entities	3	
ENTR 485 Entrepreneurship	3	
ENTR 486 Social Entrepreneurship and Not-for-Profit Management	3	
ENTR 487 Applied Social Entrepreneurship and Not-for-Profit Management*	1-3	
<b>Total Required Credits</b>		<b>10-12</b>

\* Course repeatable up to three times.

## International Business Concentration

Students majoring in accounting, economics, entrepreneurship, finance, management, or marketing can add the international business concentration to their program. All requirements must be met for both the major and the concentration, although some course overlap may occur.

International Business Concentration Required Courses	Course Credits	Total Required Credits
<b>International Business Core</b>		<b>11-12</b>
World Languages 201 and 202	8	
One Samford study abroad course*	3-4	
<b>International Business Electives</b> (select three from the following)		<b>8-9</b>
BUSA 391 Financial Implications of Intl Business	3	
BUSA 399 London Study Topics	3	
BUSA 495 London Business Internship	2	
ECON 394 International Study in Economics	3	
ECON 420 International Economics	3	
FINC 423 International Capitalism	3	
MNGT 484 International Management	3	
MARK 421 International Marketing	3	
<b>Total Required Credits</b>		<b>19-21</b>

\* Study abroad course MUST earn academic credit at Samford.

**General Business Minor\***

General Business Minor** Required Courses		Course Credits	Total Required Credits
<b>Group I</b> (must be completed before starting Group II)***			<b>13</b>
ACCT 211	Accounting Concepts I	3	
ACCT 212	Accounting Concepts II	3	
BUSA 100	World of Business	3	
ECON 201	Principles of Macroeconomics	4	
<b>Group II</b> (can be completed in any order)***			<b>9</b>
FINC 321	Financial Management	3	
MNGT 303	Principles of Management	3	
MARK 311	Marketing Management	3	
<b>Total Required Credits</b>			<b>22</b>

\* General business minors must complete 6 of the 9 credits in the 300-level courses at Samford.  
 \*\* Maintain 2.00 GPA in the general business minor.  
 \*\*\* Prerequisites not required.  
 NOTE: The general business minor is not available for School of Business majors.

**Social Entrepreneurship and Non-Profit Management Minor\***

This program will equip students with the foundational business knowledge and skills needed to find employment in non-profit organizations or for-profit firms pursuing social missions. The minor is suitable for students enrolled in non-business degree programs at Samford University who want to include business knowledge in their skill set as they pursue their careers in either non-business or business settings. The minor is not available to School of Business majors.

Social Entrepreneurship and Non-Profit Management Minor* Required Courses		Course Credits	Total Required Credits
<b>Group I</b> (must be completed before starting Group II)			<b>9-10</b>
ACCT 211	Accounting Concepts I	3	
ACCT 212	Accounting Concepts II	3	
ECON 201	Principles of Macroeconomics** <i>or</i>	3-4	
ECON 202	Principles of Microeconomics		
<b>Group II</b> (can be completed in any order)***			<b>9-10</b>
ECON 203	Personal Financial Decisions <i>or</i>	3-4	
FINC 321	Financial Management		
MNGT 303	Principles of Management	3	
MARK 311	Marketing Management	3	
<b>Group III</b> (should be taken after Group II)			<b>3</b>
ENTR 486	Social Entrepreneurship and Not-for-Profit Management	3	
<b>Total Required Credits</b>			<b>21-23</b>

\* Students must maintain a 2.00 GPA in the social entrepreneurship minor.  
 \*\* This class may also be used to satisfy a general education social science requirement.  
 \*\*\* Prerequisites not required for minors.  
 NOTE: The social entrepreneurship minor is not available for School of Business majors. Social entrepreneurship minors must complete 6 of the 9 credits in the 300-level at Samford.

**Business Electives**

Electives are designed to be advanced study in a topic area and should be chosen to reflect the academic interest of the student. Specific prerequisites will appear on the schedule. The following courses are examples of the topics that could be offered during the academic year.

Course Number/Name	Credit Hrs	
ACCT 410	Income Tax II	3
ACCT 415	Government & Not-for-Profit Accounting	3
ACCT 496	Accounting Internship	2-3
BUSA 308	Website Design for Business Use	3
BUSA 391	Financial Implications of International Business	3
BUSA 454	Business Law	3
BUSA 479	Business Independent Study	3
BUSA 495	London Business Internship	2
BUSA 496	Business Internship I	3
BUSA 497	Business Internship II	3
BUSA 498	Business Research Project I	3
BUSA 499	Business Research Project II	3
ECON 203	Personal Financial Decisions	4
ECON 394	International Studies in Economics	3
ECON 401	Money and Banking	3
ECON 410	Game Theory	4
ECON 415	Industrial Organization	3
ECON 420	International Economics	3
ECON 425	Econometrics	3
ECON 426	Topics in Economics	3
ECON 430	Law and Economics	3
ECON 493	Business Internship: Economics	3
ENTR 304	Entrepreneurship and Small Business Concepts	3
ENTR 407	Topics in Entrepreneurship	3
ENTR 409	Management of Innovation	3
ENTR 484	Family Business	3
ENTR 485	Entrepreneurship	3
ENTR 486	Social Entrepreneurship & Not-for-Profit Mgt	3
ENTR 488	Small Business Consulting	3
FINC 422	Financial Statement Analysis	3
FINC 423	International Capitalism	3
FINC 424	Investments	3
FINC 426	Topics in Finance	3
FINC 427	Contemporary Issues/Risk Management	3
FINC 428	Financial Institutions	3
FINC 429	Business Finance II	3
FINC 492	Business Internship: Finance	3
MNGT 305	History of Management Thought	3
MNGT 401	Organizational Behavior Concepts	3
MNGT 404	Human Resource Management	3
MNGT 405	Leadership	3
MNGT 406	Topics in Management	3
MNGT 444	Total Quality Management	3
MNGT 484	International Management	3
MARK 414	Marketing Research	3
MARK 415	Marketing Communication	3
MARK 416	Consumer Behavior	3
MARK 417	Topics in Marketing	3
MARK 418	Sales Management	3
MARK 419	Services Marketing	3
MARK 421	International Marketing	3
MARK 491	Business Internship: Marketing	3

## Undergraduate Courses

NOTE: Beginning 2009-2010, many courses that were formerly BUSA were assigned new course prefixes based on their subject area: ENTR for Entrepreneurship, FINC for Finance, MNGT for Management, and MARK for Marketing. All courses are now displayed in alphanumeric order within their new subject grouping. Old BUSA course numbers are noted in parentheses at the end of each course description where applicable. Prefixes for Accounting (ACCT) and Economics (ECON) courses did not change.

### ACCOUNTING

#### ACCT 211 Accounting Concepts I (3)

Introduction to the preparation and use of financial statements for business entities, focusing on the uses and limitations of accounting information for external reporting, and emphasizing accounting as a provider of financial information. Prereq: BUSA 160 and a college-level math course. (Prereq of BUSA 160 not required for business minors.) Offered: Fall, Spring, and Summer I.

#### ACCT 212 Accounting Concepts II (3)

Examination of accounting as an information provider with emphasis on the use of information for managerial decision-making. Includes an introduction to cost behavior, budgeting, responsibility accounting cost control, and product costing. Prereq: ACCT 211. Offered: Fall, Spring, and Summer 2

#### ACCT 310 Income Tax I (3)

Study of concepts of taxation applied in a client-oriented setting with a planning emphasis. Includes income, exclusions, deductions, credits, tax research, and policy. Prereq: ACCT 212. Offered: Spring.

#### ACCT 311 Financial Accounting and Reporting I (3)

Study of financial accounting and reporting practices. Particular emphasis on theoretical foundations, concepts, and principles underlying financial statements with emphasis on assets and current liabilities. Prereq: ACCT 212. Offered: Fall.

#### ACCT 312 Financial Accounting and Reporting II (3)

Study of concepts and principles underlying financial statements with emphasis on long-term liabilities and stockholders' equity. Prereq: ACCT 311. Offered: Spring.

#### ACCT 313 Cost Accounting (3)

Study of the concepts, analyses, and techniques needed to effectively use accounting data for management planning and control decisions. Topics include product costing, cost-volume-profit analysis, budgeting, cost estimation, responsibility accounting, differential analysis, and cost allocation. Prereq: ACCT 212. Offered: Spring.

#### ACCT 384 Financial Management of Non-Profit Entities (3)

Introduction to the financial statement model for non-profit entities with an emphasis on how the information in non-profit financial statements should be used to manage non-profit enterprises. Topical coverage includes planning and budgeting, analyzing results, techniques for financial decision making, and using financial information in motivating and rewarding performance. Prereq: ACCT 212. Offered: Fall.

#### ACCT 410 Income Tax II (3)

Study of tax aspects of operating a corporation, partnership, estate, trust, or limited-liability entity. Client service-oriented course that includes review of exempt organizations, international organizations, international and multi-state topics, and development of tax planning and communication skills. Prereq: ACCT 310. Offered: Fall.

#### ACCT 415 Governmental and Not-for-Profit Accounting (3)

Introduction to governmental and non-profit accounting and auditing, including accounting methods used at hospitals, universities, and other not-for-profit entities. Prereq: ACCT 212. Offered: Spring.

#### ACCT 420 Auditing I (3)

Introduction to the independent-auditing process. Includes review of accepted and commonly used auditing standards and procedures, with emphasis on the professional, ethical, and legal obligations of auditors. Prereq: ACCT 312 and ACCT 470. Offered: Fall.

#### ACCT 470 Accounting Information Systems (3)

Study of how accounting information is recorded, summarized, and reported in both manual and computerized systems. Emphasis on internal control features necessary to produce accurate and reliable accounting data. Includes description of methods used to develop accounting systems and auditor involvement in the process. Prereq: ACCT 212. Offered: Fall.

#### ACCT 496 Accounting Internship (2-3)

Academic credit may be awarded for students who complete accounting internships with local firms or businesses. Students should see the director of the accounting program for eligibility parameters. Grading is pass/fail. Prereq: Permission from the Office of Internship, School of Business.

### BUSINESS ADMINISTRATION

#### BUSA 100 World of Business (3)

Examination of current issues that businesses face as they operate in a global environment. Includes simulation, readings, business plan development, and teamwork to provide an understanding of major business functions and how they interrelate in actual practice. Designed for first-year students considering a business major. Offered: Fall, Spring, and Summer.

#### BUSA 130 Quantitative Methods I (3)

Study of calculus, including an appreciation of its usefulness in solving managerial, business, economic, and social science problems. Focus is on the use of calculus, not its development as a mathematical discipline; as such, this course provides an introduction to differential and integral calculus with emphasis on managerial and business applications. Prereq: MATH 150 with a C- or above, or equivalent. Offered: Fall and Spring.

#### BUSA 160 Computer Competency Assessment (1)

Self-study course in relevant microcomputer software that provides a foundation in basic computing skills required for business students. This course must be completed by the end of the first academic year at Samford. Grading is pass/fail. Offered: Fall, Spring, Jan Term, and Summer 1.

#### BUSA 231 Quantitative Methods II (3)

Exploration of applications to managerial decision-making, claim validation, and research through scanning the environment, collecting data, designing and conducting analyses, and presenting and generalizing conclusions. Students engage in active learning to convert data into information through the use of probability, descriptive and inferential statistical procedures, simple modeling, and forecasting. Prereqs: BUSA 130 and BUSA 160. Offered: Fall and Spring.

#### BUSA 252 Legal Environment of Business (3)

Study of the fundamental areas of law that impact business and the government's role in the development of those laws. Through cases and lectures, the interrelationship of these two dominant institutions of our society are analyzed. Specific areas addressed include the regulation of employment, the law of contracts, torts, administrative agencies, international law, and Article 2 (sales) of the Uniform Commercial Code. Offered: Fall and Spring.

#### BUSA 308 Web Design for Business Use (3)

Study of activities involved in starting a company that would be based on the World Wide Web. Activities include: 1) assessment of potential business opportunities, 2) development of preliminary business plan, 3) design of technology process, and 4) hands-on implementation of technology procedures. Students design and develop websites utilizing software applications. Class time includes both classroom and computer lab settings. Offered: Jan Term.

**BUSA 332 Quantitative Methods III (3)**

Development of analytical thinking and data deduction skills. Includes analysis of variance and experimental design, nonparametric inference, advanced modeling and forecasting, statistical process control, and decision analysis as problem-solving tools with managerial and research applications. Prereqs: ACCT 212, BUSA 231, and ECON 201. Offered: Fall and Spring.

**BUSA 360 Information Systems and Technology (3)**

Study of the relevance and contribution of information systems to the growth and success of businesses. Focus on technical concepts relating to fundamental hardware, software, and communications concepts associated with the management of computer technologies. Includes ethical considerations encountered in making information system decisions. Prereqs: ACCT 212, BUSA 231, and ECON 201. Offered: Fall and Spring.

**BUSA 391 Financial Implications of International Business (3)**

Purpose of course is two-fold: 1) In the area of subject matter knowledge, course is designed to supplement and broaden students' knowledge of international financial management practices, both through their own readings and research, and through direct contacts with key financial managers in the United Kingdom. 2) In the area of global awareness, students will acquire a greater understanding of the impact of cultural, political, and regulatory similarities and differences that affect the business environment of firms operating in the United States compared to those operating in Europe generally, and in the United Kingdom in particular. Offered: Jan Term, in London.

**BUSA 399 London Study Topics (4)**

Special courses designed for and offered at the Daniel House London Study Centre. Topics vary. Offered: Jan Term.

**BUSA 454 Business Law (3)**

Study of business and law that began in Legal Environment of Business (BUSA 252). Specific areas addressed are agency, partnerships, corporations, real and personal property, bailments, leases, secured transactions, commercial paper, trusts, and descendant's estates. This course is required for the accounting major, the CPA exam, and is a prerequisite for the MAcc program. Prereq: BUSA 252. Offered: Fall and Spring.

**BUSA 479 Business Independent Study (3)**

Individualized academic work for qualified students under faculty direction. Opportunity to study a specialized topic not covered in regularly scheduled courses. Prereqs: Samford GPA of at least 2.25 and permission from the Office of the Dean, School of Business.

**BUSA 494 Internship Jan Term/Summer (1)**

Individualized, experiential learning program structured through a variety of business organizations. Grading is pass/fail. May be repeated for a maximum of 2 credits. Offered: Jan Term or Summer.

**BUSA 495 London Business Internship (2)**

Individualized, experiential learning program structured through a variety of business organizations. Study is oriented toward cultural exploration, as well as application of business principles to the workplace environment. Grading is pass/fail. Prereq: Permission from Office of Internship, School of Business.

**BUSA 496-497 Business Internship I and II (3 each course)**

Individualized, experiential learning program structured through a variety of business organizations. Every attempt is made to match the student's objectives with the internship experience. Study is project-oriented, merging theory learned in the classroom with the workplace environment. Exposes the student to the world of business and the career-planning process. Grading is pass/fail. Prereq: Permission from the Office of Internship, School of Business. Offered: Every term.

**BUSA 498 and 499 Business Research Project I and II (3 each course)**

Experiential study activity for small groups of selected students. Groups, under the supervision of a faculty member, are placed in a professional work environment in a business enterprise for the purpose of accomplishing a specially designed project. Prereq: Permission from Office of the Dean, School of Business.

**ECONOMICS****ECON 201 Principles of Macroeconomics (4)**

Study of macroeconomics, providing a theoretical framework from which aggregate economic events such as inflation, unemployment, and economic growth are explained. The framework is used for analysis of current and potential problems of society. This course provides an organizing structure for understanding how the world economy works, providing the student with some ability to predict future economic events. Prereq: MATH 110, 150, 210, or 240. Offered: Fall, Spring, and Summer.

**ECON 202 Principles of Microeconomics (3)**

Study of microeconomics, providing a theoretical framework from which the operations of and interrelationships between individual markets are explained. The market system allows for effective coordination of economic decisions of consumers and business firms. This course provides the organizing structure for understanding the operations of the business firm and the markets that it serves. Prereqs: MATH 150 and ECON 201. Offered: Fall, Spring, and Summer.

**ECON 203 Personal Finance Decisions (4)**

Managing personal finances has become increasingly complex. Financial institutions are subject to fewer regulations and are offering consumers more options. Homebuyers face an array of alternative mortgages. Car buyers can lease or purchase. Corporations are altering retirement plans. How much and what type of insurance coverage is becoming increasingly complex. Students today are interested in the practical application of concepts and techniques for managing their personal finances. This course addresses the needs of students in making informed decisions that will affect their financial future. Offered: Fall and Spring. (Formerly BUSA 322)

**ECON 301 Intermediate Macroeconomics (3)**

Examination of forces that determine growth, income, and employment in economic systems, with special reference to the United States and other industrialized countries. Understand the causes of unemployment and inflation and the role of government in maintaining stable prices and sustained growth. Prereqs: BUSA 130 and ECON 201. Offered: Spring

**ECON 302 Intermediate Microeconomics (3)**

Focus on the optimizing behavior of individuals and firms as they interact in markets. Topics will include the consumer theory, the theory of the firm, risk and uncertainty, models of perfect and imperfect competition, asymmetric information, as well as advanced modeling of externalities and public goods. Prereqs: BUSA 130 and ECON 202. Offered: Fall.

**ECON 394 International Studies in Economics (3)**

Cross-disciplinary introduction to the scope, causes, and consequences of poverty. Examination of the various measures of poverty as well as basic economic theory, explaining differences in income, wealth, and economic growth among regions. Emphasis on understanding poverty issues from a Biblical perspective. Course relies heavily on site visits to observe a wide variety of anti-poverty projects, including faith-based organizations and international nonprofit agencies. International travel required. Co-listed as POLS 394. Offered: Jan Term.

**ECON 401 Money and Banking (3)**

Examination of determinants of the money supply; overview of the nation's financial system and the activities of non-banking institutions; in-depth discussion of commercial banking; and study of the structure and functions of the Federal Reserve System. Includes monetary theory and the mechanisms connecting the money supply with economic activities, as well as the weaknesses of monetary policy. Discussions cover the relations and effects of the world's banking systems, including the International Monetary Fund. Prereq: ECON 201. Offered: On rotation.

**ECON 410 Game Theory (4)**

Elementary examination of the theory of games and strategic behavior with an emphasis on applications. Topics discussed include strategic-form games, extensive-form games, and games of asymmetric and incomplete information. Various equilibrium concepts also discussed. The course will apply game theoretic concepts to strategic behavior in the social sciences, particularly economics and political science, with applications ranging from cartel behavior to international diplomacy. Co-listed as POLS 410. Prereq: BUSA 130 or POLS 301. Offered: Fall, on rotation.

**ECON 415 Industrial Organization (3)**

Emphasis on firm behavior in imperfectly competitive markets. Specifically examines the accumulation and use of market power by firms, strategic interaction among competitors, and the role of government in competition policy. Prereqs: BUSA 130 and ECON 302. Offered: On rotation.

**ECON 420 International Economics (3)**

Analysis of the theoretical principles underlying international trade, investment, and the international monetary system. Includes effects on domestic and foreign economics of commercial, monetary, and fiscal policies. Prereq: ECON 201. Offered: On rotation.

**ECON 425 Econometrics (3)**

Introduces students to regression methods for analyzing data in economics and related areas. Emphasizes both the theoretical and practical aspects of statistical analysis and focuses on techniques for estimating econometric models of various kinds and interpreting the estimates from such models. The objective is for the student to learn how to conduct—and how to critique—empirical studies in economics and related fields. Prereq: BUSA 332. Offered: On rotation.

**ECON 426 Topics in Economics (3)**

Study of topics in economics of current interest. The course provides the opportunity to obtain additional depth of knowledge in areas such as public economics, political economy, and international monetary economics. Topics subject to change; see class schedule for course title. Offered: Fall and Spring, on rotation.

**ECON 430 Law and Economics (3)**

Introduction to the use of microeconomic concepts as a means to understand law and the American legal system. Emphasis on the economic analysis of the common law—that is, property, contract, tort, and criminal law. Prereq: ECON 202. Offered: Fall, on rotation.

**ECON 493 Business Internship: Economics (3)**

Individualized, experiential learning program structured through a variety of business organizations. This course is project-oriented, merging theory learned in the classroom with the workplace environment. Includes several seminars, presentations, and counseling at Samford in conjunction with on-site learning taking place at the business organization. Exposes students to the world of economics and the career planning process. Grading is pass/fail. Prereq: ECON 201, 202; permission from Office of Internship, School of Business, and economics faculty. Offered: Fall, Spring, and Summer.

**ENTREPRENEURSHIP****ENTR 304 Entrepreneurship and Small Business Concepts (3)**

Study of critical concepts in new ventures and small businesses. Key topics will include management, marketing, and financial issues related to successfully starting a new business or operating a small business. Serves as the foundation course for the entrepreneurship major. Prereqs: Completion of pre-business curriculum. Offered: Spring. (Formerly BUSA 304)

**ENTR 407 Topics in Entrepreneurship (3)**

Study of specific entrepreneurship topics of current interest, providing additional depth of knowledge in such areas as family business, innovation, new venture creation, venture capital, corporate entrepreneurship, and social entrepreneurship. May be repeated for a maximum of 6 credits. Prereq: ENTR 304. Offered: Every semester.

**ENTR 409 Management of Innovation (3)**

Examination of the role of innovativeness in managerial processes, product design, and process design. The shrinking global environment is forcing a shift in emphasis from management of stability and control to leadership directed toward speed of product or service delivery, empowerment, flexibility, and continuous improvement. Any existing organization, whether a business, a church, a labor union, or a hospital is faced with the task of promoting and managing organizational innovation. Prereq: MNGT 303. (Formerly BUSA 409)

**ENTR 484 Family Business (3)**

Study of the unique advantages and challenges of family business management. Examines critical issues such as corporate governance and management succession faced by managers in these firms. Prereq: ENTR 304. Offered: Fall.

**ENTR 485 Entrepreneurship (3)**

Examination of new attitudes, knowledge, and skills about entrepreneurs and their activities. Critical course objective is the development of an entrepreneurial perspective, helping students to understand and evaluate diverse entrepreneurial situations while providing practice responding to those situations. Secondary course objective includes preparation of a first-cut business plan for a new business, such as one the student or a family member or friend hopes to launch. Prereq: ACCT 211. (Formerly BUSA 485)

**ENTR 486 Social Entrepreneurship and Not-for-Profit Management (3)**

Examination of management topics unique to the particular objectives of non-profit firms, including mission setting, governance, assessment, and fundraising. Using case studies and practitioner writings, the course develops an applied framework for analyzing key strategic issues for the nonprofit firm. Students integrate course content by developing a strategic plan for a new or existing nonprofit. Prereqs: BUSA 321, MARK 311, and MNGT 303. Offered: Spring. (Formerly BUSA 486)

**ENTR 487 Applied Social Entrepreneurship and Non-Profit Management (1)**

Students partner with local for-profit and non-profit organizations to develop new or improve existing community outreach initiatives. Alternatively, students may design their own programs that target specific community needs. Grading is pass/fail. May be repeated for a maximum of 3 credits. Offered: Fall and Spring. (Formerly BUSA 487)

**ENTR 488 Small Business Consulting (3)**

Project-based course in which students apply skills and concepts acquired in the core entrepreneurship courses to real-world small business issues. The course employs lectures, guest speakers, and class discussions involving an in-depth consulting project with a small business. Prereq: ENTR 485. Offered: Spring.

**FINANCE****FINC 321 Financial Management (3)**

Examination of the theory and practice of financial management, with an emphasis on corporate applications. Topics include: financial environment, time value of money, risk-return relationships, multinational financial management, features and valuation of corporate securities, cost of capital, and capital budgeting. Prereqs: ACCT 212, BUSA 231, and ECON 201. Offered: Fall and Spring. (Formerly BUSA 321)

**FINC 422 Financial Statement Analysis (3)**

Emphasis on the fundamental techniques of financial statement analysis. Building upon a review of accounting and investment concepts, course covers the analysis and interpretation of financial accounting information including the balance sheet, income statement, and statement of cash flows. Examination of accounting information used in investment and credit decisions, including valuation and debt ratings. Prereqs: ACCT 211, ACCT 212, and FINC 321. Offered: Jan Term. (Formerly BUSA 422)

**FINC 423 International Capitalism (3)**

Examination of the cultural, moral, and political effects of capitalism from Biblical times to present day. Readings from economists, philosophers, and historians, across the ideological spectrum, will be discussed. The second portion details three infrastructure elements of capitalism: an effective capital market, a stable economy and currency, and the ability to manage risk effectively. Prereq: FINC 321. Offered: Spring. (Formerly BUSA 423)

**FINC 424 Investments (3)**

Review of techniques, vehicles, and strategies for implementing investment goals in a portfolio context and in light of risk-return trade-off. Emphasis on gaining a fundamental understanding of the various capital markets as well as investment vehicles, such as stocks, bonds, options, and futures. Designed for students interested in careers in financial advising and investment management. Prereq: FINC 321. (Formerly BUSA 424)

**FINC 426 Topics in Finance (3)**

Study of specific finance topics of current interest, providing additional depth of knowledge in areas such as financial statement analysis and international financial issues. Topics subject to change; see class schedule for course title. Prereq: FINC 321. (Formerly BUSA 426)

**FINC 427 Contemporary Issues/Risk Management (3)**

Study of risk management issues through guest presentations by executives from a variety of firms in the field. Includes review of current industry publications and articles, as well as financial materials for analysis. As the discipline of risk management becomes more complex, students need to appreciate the complexity and understand the importance of this area. Course should be of interest to those wanting a broad exposure to the influence of risk in business decision-making. Prereq: FINC 321. (Formerly BUSA 427)

**FINC 428 Financial Institutions (3)**

Study of the various types of financial institutions—banks, insurance companies, brokerage firms, and mutual funds—and the regulatory and competitive environment in which they exist. Specific areas addressed include: the role of government in financial markets, the changing competitive boundaries of financial services firms, the markets for various financial instruments, and the measurement and management of risk among financial institutions. Prereq: FINC 321. (Formerly BUSA 428)

**FINC 429 Business Finance II (3)**

Case-based course in which students apply skills and concepts acquired in the core finance course (Financial Management) to actual business situations. Prereq: FINC 321. (Formerly BUSA 429)

**FINC 450 Practicum for Investment Management (1-3)**

Vehicle for participating in The Bulldog Fund, a student-managed investment portfolio. Students analyze existing positions, research new investment ideas, present their proposals, and report results to Samford's Investment Committee. Variable credit. May be repeated once for a maximum of 6 credits. Prereqs: FINC 321 and FINC 424. Offered: Fall and Spring. (Formerly BUSA 450)

**FINC 492 Business Internship: Finance (3)**

Individualized, experiential learning program structured through a variety of business organizations. This course is project-oriented, merging theory learned in the classroom with the workplace environment. Includes seminars, presentations, and career counseling in conjunction with on-site learning at the business organization. Exposes students to the world of finance and the career planning process. Grading is pass/fail. Prereq: FINC 321; permission from Office of Internship, School of Business, and finance faculty. Offered: Fall, Spring, and Summer. (Formerly BUSA 492)

**MANAGEMENT****MNGT 303 Principles of Management (3)**

Study of the individual-, group-, and organizational-level phenomena and processes that affect the functioning and outcomes of organizations in which we live and work. Key topics include diversity, perception and attribution, motivation, decision-making, teams and groups, leadership, communication, culture power and negotiation, organizational structure and design, and international dimensions of organizational behavior. Prereqs: Completion of pre-business curriculum. Offered: Fall and Spring. (Formerly BUSA 303)

**MNGT 305 History of Management Thought (3)**

Examination of the historical foundations of management thought, including the individuals who shaped the early development and study of management as a movement, vocation, and field of study. Connects early management thought and thinkers to current day management practices. (Formerly BUSA 305)

**MNGT 310 Business and Local Poverty (3)**

Explores the tenets of poverty against the backdrop of experiential learning in Birmingham venues. The course examines the basic myths, beliefs, and facts regarding poverty in a modernistic worldview. Includes discussion through the lens of Christian perspective and social entrepreneurial understanding. Offered: Jan Term.

**MNGT 342 Operations Management (3)**

Examination of the central core of operations activities in manufacturing, utilities, and consumer service organizations. Focus on topics such as product and process development, capacity planning, inventory control, production scheduling, and quality. Emphasis on integration of strategic long-term and analytical short-term decisions and integration of operation functions within a firm. Includes use of quantitative models, spreadsheet models, and computers to provide framework and support for the development of management decisions. Prereqs: ACCT 212, BUSA 231, and ECON 201. Offered: Fall and Spring. (Formerly BUSA 342)

**MNGT 400 Managerial Values (3)**

Study of ethical perspectives and values in management decision-making. Through cases, readings, and field experiences, students explore the nature of ethical dilemmas faced by managers in making decisions and in exercising their responsibilities to society, their respective stakeholders, and themselves. Emphasis on students becoming aware of their own value systems, taking accountability for their own professional development, and recognizing their personal and professional responsibilities as managers. Prereqs: MNGT 303 and senior status. Offered: Fall and Spring. (Formerly BUSA 400)

**MNGT 401 Organizational Behavior Concepts (3)**

Expansion of MNGT 303 (Principles of Management) by focusing on concepts behind individual, group, and organizational action. Emphasis on analytical writing and issues related to key phenomena such as perception and attribution, motivation, communication, and organizational culture. Prereq: MNGT 303 or PSYC 304. (Formerly BUSA 401)

**MNGT 404 Human Resource Management (3)**

Examination of the contributions made by human resource management (HRM) to organizational effectiveness. Focus on the history, current developments, and future trends in HRM while analyzing how HRM policies and practices can create a competitive advantage. Prereq: MNGT 303. (Formerly BUSA 404)

**MNGT 406 Topics in Management (3)**

Study of specific management topics of current interest, providing additional depth of knowledge in such areas as human resource management, operations management, and strategic management. May be repeated for a maximum of 6 credits. Prereq: MNGT 303. Offered: Every semester.

### **MNGT 405 Leadership (3)**

Examination of leadership and the influencing of others to accomplish something the leader deems important. Leadership theories, applications, and examples are reviewed, but the primary purpose is to experience leadership. As a present or future leader, much of one's effectiveness is measured by the ability to speak and write with clarity and conviction. A true leader learns to communicate well. This course allows the opportunity to practice communicating by leading a portion of a class session and making significant contributions. Prereq: MNGT 303. (Formerly BUSA 405)

### **MNGT 444 Total Quality Management (TQM) (3)**

Study of the pervading philosophy of Total Quality Management (TQM) and its implications for global competition on one scale and for organizational effectiveness on another. Basic tenets of TQM are addressed. General approaches of the quality gurus provide a framework for evaluating the industry-specific designs that are emerging. Includes exploration of the impact on organizational structure and behavior, and the study of specific TQM-related methodologies for continuous improvement and process reengineering. Prereq: MNGT 342. (Formerly BUSA 444)

### **MNGT 481 Business Strategy (3)**

Capstone course for business majors, integrating knowledge acquired from earlier courses and experiential learning. Uses case studies to discuss issues facing top management and to propose action plans. Focus on global, strategic decision-making for large, medium, and small businesses in a variety of industries, with emphasis on the development of analytical, written, and oral communications skills. Should be taken during the last semester before graduation. Prereqs: Senior status and completion of all 300-level business or accounting courses. Offered: Fall and Spring. (Formerly BUSA 481)

### **MNGT 482 Business Simulation (1)**

Laboratory course utilizing an enterprise simulation. Teams play the role of managers and engage in an experience that integrates all of the functional areas of business. Special emphasis given to application of the strategic management process. Prereq: Enrollment in MNGT 481. Offered: Fall and Spring. (Formerly BUSA 482)

### **MNGT 484 International Management (3)**

Study of current issues facing international businesses, incorporating an understanding of the economic, cultural, and legal structural differences among countries and regions. Includes discussion of the economic and political implications of international trade, foreign investment, and ethical issues faced by companies operating globally. Prereq: ECON 201. (Formerly BUSA 484)

## **MARKETING**

### **MARK 311 Marketing Management (3)**

Study of business activities planned and implemented to facilitate the exchange of goods and services in a contemporary marketing environment. Examines the product, price, promotion, and channel decisions faced by domestic and international business firms. Prereqs: ACCT 212, BUSA 231, and ECON 201. Offered: Fall and Spring. (Formerly BUSA 311)

### **MARK 414 Marketing Research (3)**

Practical, hands-on approach to marketing research. Emphasis on gaining a fundamental understanding of both qualitative and quantitative research, including the application of different research techniques and methods of analysis. Students apply knowledge gained through various exercises, cases, and group-based research projects. Prereq: MARK 311. (Formerly BUSA 414)

### **MARK 415 Marketing Communications (3)**

Overview of principles, practices, context, and structure of persuasive marketing communications. Special emphasis on ethics, global, social, environmental, technological, and diversity issues. Extensive written and oral communication is expected of students. Prereq: MARK 311. (Formerly BUSA 415)

### **MARK 416 Consumer Behavior (3)**

Examination of concepts, principles, and theories from social sciences to the study of the factors that influence the acquisition, consumption, and disposition of products, services, and ideas. Knowledge of consumer behavior principles is important for a variety of reasons: 1) to develop products that fulfill the needs and wants of consumers, 2) to make good decisions by understanding how consumers are likely to respond to the actions of the firm, and 3) to understand our own buying patterns as consumers. Prereq: MARK 311. (Formerly BUSA 416)

### **MARK 417 Topics in Marketing (3)**

Study of specific marketing topics of current interest, providing additional depth of knowledge in such areas as consumer behavior, marketing communication, marketing research, services marketing, retail management, sports marketing, and sales force management. Prereq: MARK 311. (Formerly BUSA 417)

### **MARK 418 Sales Management (3)**

Examination of two of the most important aspects of an organization's marketing effort: the sales force and its management. Students learn how a sales force is conceived, designed, motivated, compensated, grown, nurtured, and managed for maximum contribution to the strategic objectives of the organization. Includes readings and cases with class discussion; viewing and role-playing from video tapes of sales management situations; and a paper based on personal experiences from sales calls with a salesperson, shadowing a sales manager, and personal evaluation of sales career opportunities. Prereq: MARK 311. (Formerly BUSA 418)

### **MARK 419 Services Marketing (3)**

In-depth exploration of services marketing. Highlights distinctions and identifies unique problems in marketing intangible products and services, and explores strategies and other measures designed to increase effectiveness. Services marketing poses special challenges for managers due to the differences between goods and services, and service organizations require a distinct approach to marketing strategy. Prereq: MARK 311. (Formerly BUSA 419)

### **MARK 421 International Marketing (3)**

Global approach to the study of current marketing management issues faced by both goods and service-producing industries. Focus on understanding the myriad of economic, social, and cultural differences among countries today. Course addresses the economic and political implications of international trade, foreign investment, and ethical issues faced by companies operating globally. Prereq: MARK 311. (Formerly BUSA 421)

### **MARK 491 Business Internship: Marketing (3)**

Individualized, experiential learning program structured through a variety of business organizations. This course is project-oriented, merging theory learned in the classroom with the workplace environment. Includes seminars, presentations, and career counseling in conjunction with on-site learning at the business organization. Exposes students to the world of marketing and the career planning process. Grading is pass/fail. Prereq: MARK 311; permission from Office of Internship, School of Business, and marketing faculty. Offered: Fall, Spring, and Summer. (Formerly BUSA 491)



## Graduate Programs and Requirements

### Accreditation

The Brock School of Business is accredited by AACSB International—the Association to Advance Collegiate Schools of Business ([www.aacsb.edu](http://www.aacsb.edu))—and by SACSC—The Southern Association of Colleges and Schools.

### Degrees

Master of Accountancy (M.Acc.)

Master of Business Administration (M.B.A.)

### Joint-Degrees

Master of Accountancy/Juris Doctor (M.Acc./J.D.)

Master of Business Administration/Master of Accountancy (M.B.A./M.Acc.)

Master of Business Administration/Master of Divinity (M.B.A./M.Div.)

Master of Business Administration/Juris Doctor (M.B.A./J.D.)

Master of Business Administration/Master of Science in Nursing (M.B.A./M.S.N.)

The master of accountancy (M.Acc.) program prepares graduates to succeed as advisors to organizations in today's dynamic, global business environment. Students will develop technical, interpersonal, critical-thinking, and communication skills to enable them to derive and interpret information used by investors, managers, and governments. The program encourages the creation and dissemination of knowledge that is useful to those in the accounting profession through scholarly and service activities of its faculty. The program works effectively with others to provide a network that brings together Samford students, faculty, and alumni with those in the accounting profession to facilitate career and placement opportunities for students, to assure the continued growth and financial strength of the programs, and to share the skills of Samford accounting faculty with the greater community.

The master of business administration (M.B.A.) is an evening program designed to serve working professionals. The M.B.A. program provides a comprehensive education for expanded managerial roles in a variety of organizations. Students will develop or strengthen quantitative, teamwork, leadership, problem-solving, and communication skills. International and ethical issues are emphasized. The program serves practicing professionals who pursue graduate education while working full-time, have significant work experience, value learning from their peers, and have diverse educational and developmental goals. The program uses varied instructional formats, emphasizing case and active-learning strategies, vigorous class discussion and interaction, while maintaining convenient, flexible program admissions and procedures.

Joint-degree programs allow students to simultaneously pursue degrees in two areas of interest with fewer credit requirements than would be needed to earn the degrees separately. Graduate joint-degree programs currently offered within the Brock School of Business are: M.Acc./J.D., M.B.A./M.Acc., M.B.A./M.Div., M.B.A./J.D., and M.B.A./M.S.N.

### Class Schedules

The Brock School of Business offers students an evening program that consists of two 15-week semesters (fall and spring) and one 10-week summer term per year. Evening classes for each course meet from 5:30 p.m. until 7:30 p.m. or 7:45 p.m. until 9:45 p.m. in the fall and spring semesters and from 5:30 p.m. until 9:30 p.m. in the summer term.

### International Study

Graduate students in the School of Business have an opportunity to study abroad each year. Students participate in a short-stay research sojourn, completing their research after the visit. Study locations are determined annually.

### Graduate Admission Criteria and Enrollment Requirements

Samford University's Office of Graduate Programs in the Brock School of Business welcomes applications from professionals with solid academic abilities, demonstrated managerial potential, and a bachelor's degree.

Managerial potential is evaluated on the basis of the applicant's work experience and work history, recommendations, and professional recognition. Extracurricular, community, church activities, involvement in continuing education, and indications of strong character are also considered in the admissions process.

Academic ability is evaluated on the basis of the undergraduate and graduate academic records, scores on the Graduate Management Admission Test (GMAT), recommendations, and academic recognition. Applicants must have earned a bachelor's degree from a regionally accredited institution prior to being accepted for admission.

### Graduate Student Applicant Procedures

To be considered for admission to the Brock School of Business Graduate Programs, applicants must submit the following materials:

1. A completed Applicant Profile Form, including a Personal Statement. (See Applicant Profile Form.)
2. A nonrefundable application fee of \$25. (Checks should be made payable to Samford University.) Applicants who are currently or have previously been enrolled at Samford University in any capacity are not required to pay the application fee.
3. A certified transcript from each college or university ever attended, regardless of whether a degree was earned, sent directly to the Office of Graduate Programs. (See Transcript Request Forms.)
4. One completed Recommendation Form and attached letter of recommendation, written by a person familiar with the applicant's work and abilities, sent directly to the Office of Graduate Programs. (See Recommendation Form.)
5. A GMAT score. (The GMAT is a standardized, nationally normed exam that evaluates a person's readiness for graduate business study. Potential students should be adequately prepared prior to taking the exam.) Submitted scores must be from a test taken within the last six years.
6. A résumé.
7. For international students only: A Test of English as a Foreign Language (TOEFL) score and an international transcript equivalency statement. Submitted scores must be from a test taken within the last six years.

Once an application is complete (all documents received), an applicant's file is forwarded to the Graduate Admissions Committee on a rolling basis. Applicants are notified of the outcome in writing.

## Master of Accountancy

The MAcc degree requires a minimum of 30 credits of approved graduate coursework, including at least 15, but not more than 21, graduate accounting credits. At least 12 graduate accounting credits must be earned at Samford University. Management Information Systems (MIS) and Communications Technology (BUSA 533) is required of all students. The remaining business elective credits are selected from the MBA Core Courses (see the M.B.A. table). Of the 30 credits, 24 must be taken in courses reserved exclusively for graduate students. Students must have a cumulative Samford graduate GPA of 3.00 or better in order to graduate.

Upon completion of the program, students will meet the State of Alabama's education requirements to sit for the Certified Public Accountant (CPA) exam. The following undergraduate courses, or their equivalents, must be completed prior to graduation and in most cases, prior to beginning graduate work: ACCT 211, 212, 310, 311, 312, 410, 420, 470; BUSA 252, and BUSA 454. See the undergraduate business course listings for more information.

### Careers in Accounting

Success in the accounting profession, be it working for one's own firm, a corporate accounting department, a public accounting firm, or a nonprofit or government agency, typically includes successfully passing the CPA Exam. Accounting programs at Samford prepare students for a career in this dynamic profession and for successful completion of the CPA exam.

In nearly all states, one can take the CPA exam only after completing a 150-hour program of study. A combination of the B.S.B.A. accounting major and the M.Acc. degree fulfills this requirement. Taking the M.Acc. courses upon completion of the undergraduate degree gets students into the workforce in only one more year.

## Master of Accountancy

<b>Master of Accountancy</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Accounting Core</b> (required, if not waived)		<b>6-15</b>
ACCT 510 Income Tax II*	3	
ACCT 515 Governmental/Not-for-Profit Accounting*	3	
ACCT 520 Auditing II	3	
ACCT 525 Applied Professional Research	3	
ACCT 540 Financial Accounting & Reporting III*	3	
<b>Required Business Course</b>		<b>3</b>
BUSA 533 MIS and Communications Technology	3	
<b>Required Business Electives (Non-Accounting)</b>		<b>6</b>
Business Courses (select two from MBA Core Courses)	6	
<b>Accounting or Business Electives**</b> (select two or more)		<b>6-15</b>
ACCT 514 Tax Research	3	
ACCT 521 Fraud Examination	3	
ACCT 550 Managerial Accounting Seminar	3	
ACCT 555 Internship	3	
ACCT 560 Accounting Theory	3	
ACCT 594 Topics in Accounting	3	
Business Courses (select from MBA Core Courses)	3-6	
<b>Total Required Credits</b>		<b>30</b>

\* Course may be waived with appropriate undergraduate credit. Waived courses do not count towards the required 30 credits.

\*\* As needed to earn at least 15 total graduate accounting course credits and to earn 30 graduate credits.

## Master of Business Administration

The curriculum requirement for the M.B.A. ranges from 30-48 credits, depending on previous academic experiences. Identified foundation courses may be omitted based on the exemption policies. A copy of the exemption policies may be obtained from the Office of Graduate Programs. Students will be given a curriculum check sheet at the time of admission identifying individual academic requirements. Students must have a cumulative Samford graduate GPA of 3.00 or better in order to graduate.

<b>Master of Business Administration</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Foundation Courses*</b>		<b>18</b>
ACCT 511 Foundations of Accounting	3	
BUSA 513 Foundations of Business Statistics	3	
ECON 512 Foundations of Economics	3	
FINC 514 Foundations of Finance	3	
MNGT 516 Foundations of Management	3	
MARK 515 Foundations of Marketing	3	
<b>MBA Core Courses</b> (to be completed by all students)		<b>30</b>
ACCT 519 Accounting for Decision Making	3	
BUSA 533 MIS and Communications Technology	3	
BUSA 551 Operations Management	3	
ECON 520 Economics of Competitive Strategy	3	
FINC 521 Managerial Finance	3	
MNGT 535 Human Resources & Organization Mgt	3	
MNGT 561 Strategic Management	3	
MARK 541 Marketing Strategy	3	
MBA Electives (select 2 courses from the list on p. 137)	6	
<b>Total Required Credits</b>		<b>30-48</b>

\* Foundation Courses may be omitted based on exemption policies set out in the graduate Business Student Handbook.

## Graduate Courses

NOTE: Beginning 2009-2010, many courses that were formerly BUSA were assigned new course prefixes based on their subject area: FINC for Finance, MNGT for Management, and MARK for Marketing. All courses are now displayed in alphanumeric order within their new subject grouping. Old BUSA course numbers are noted in parentheses at the end of each course description where applicable. Prefixes for Accounting (ACCT) and Economics (ECON) courses did not change.

### ACCOUNTING

#### ACCT 510 Income Tax II (3)

Study of tax aspects of operating a corporation, partnership, estate, trust, or limited-liability entity. Includes review of exempt organizations, international and multi-state tax topics, client service oriented settings, and development of tax planning and communication skills. Prereq: Admission to the M.Acc. program.

#### ACCT 511 Foundations of Accounting (3)

Review of basic financial and managerial accounting concepts from a user's perspective, including: how financial statements are prepared; the ability to interpret the information provided in financial statements; the ability to conduct a preliminary financial analysis of a firm; and budgeting and cost behavior. Prereq: None.

#### ACCT 514 Tax Research (3)

Review and development of skills needed to conduct professional tax research—fact gathering, issue identification, finding and assessing controlling tax authorities, developing and communicating recommendations in spoken and written form. Students use traditional and electronic materials; approach is case-oriented. Prereq: Admission to the M.Acc. program.

#### ACCT 515 Governmental and Not-for-Profit Accounting (3)

Introduction to governmental and nonprofit accounting and auditing, including accounting methods used at hospitals, universities, and other not-for-profit entities. Prereq: Admission to the M.Acc. program.

#### ACCT 519 Accounting for Decision-Making (3)

Survey of major issues involved in financial reporting and accounting for management decisions. Alternative accounting methods are identified, with emphasis on the managerial implications of choices among these methods. Prereq: ACCT 511.

#### ACCT 520 Auditing II (3)

Advanced look at the professional external auditing process, including an in-depth study of auditing standards and processes completed by each student. Prereq: Admission to the M.Acc. program.

#### ACCT 521 Fraud Examination (3)

Introduction to fraud examination. Course will focus on developing an understanding of how and why occupational fraud is committed; identifying how fraudulent conduct may be deterred; and determining how allegations of fraud should be investigated and resolved. Prereq: Admission to the M.Acc. program.

#### ACCT 525 Applied Professional Research (3)

Instruction in professional research methods, materials, and techniques to provide students with a working knowledge of research methodology utilized by practicing accountants in the fields of audit, financial, and taxation. Aims to develop the student's capacity for solving and defending his/her position with respect to particular accounting issues. Prereq: Admission to the M.Acc. program.

#### ACCT 540 Financial Accounting and Reporting III (3)

Focus on accounting for business combinations and consolidations. Includes standard setting, accounting for partnerships, and annual and interim reporting for public entities. Prereq: Admission to the M.Acc. program.

#### ACCT 550 Managerial Accounting Seminar (3)

In-depth discussion of major issues in providing accounting information for management decisions. The course relies heavily on case analysis, and develops in students the knowledge and analytical skills necessary for designing, implementing, and using planning and control systems. Topics include cost accumulation, budgeting, transfer pricing, activity-based costing, and behavioral considerations in accounting system design. Open to both M.B.A. and M.Acc. students. Prereq: ACCT 519 or admission to the M.Acc. program.

**ACCT 555 Accounting Internship (3)**

Academic credit may be awarded for students who complete accounting internships with local firms or businesses. Students should see the director of the accounting program for eligibility parameters. Prereq: Permission from the accounting area coordinator and admission to the M.Acc. program.

**ACCT 560 Accounting Theory (3)**

Study of advanced accounting theory in seminar format. Includes development of financial accounting principles and standards and extensive use of research and discussion. Prereq: Admission to the M.Acc. program.

**ACCT 599 Contemporary Issues in Accountancy (1)**

Discussion of current issues confronting the accounting profession. Includes presentations by practicing professional accountants and managers. Prereq: Admission to the M.Acc. program. Offered: Spring.

**BUSINESS****BUSA 513 Foundations of Business Statistics (3)**

Broad coverage of quantitative methods for managerial decision-making. Topics include descriptive and inferential statistics, forecasting, and process control. Computer applications are used throughout the course. Prereq: None.

**BUSA 533 Management Information Systems (MIS) and Communications Technology (3)**

Study of the design, development, and implementation of management information systems (IS). Includes issues related to managing the IS function and current developments in information technology that are impacting managerial decisions. Prereqs: Completion of four M.B.A. Foundation Courses.

**BUSA 551 Operations Management (3)**

Examines the planning, design, execution, and coordination of all activities that create goods or provide services. Addresses how upper level management can improve decision-making in both manufacturing and service sectors. Prereq: MNGT 516.

**ECONOMICS****ECON 512 Foundations of Economics (3)**

Survey of the theorems, tools, and techniques of basic economic analysis. Provides an integrated framework of micro and macroeconomics, preparing the student for more advanced study in ECON 520. Prereq: None.

**ECON 520 The Economics of Competitive Strategy (3)**

Study of the methods used in making economic decisions in an uncertain world. Topics such as forecasting economic activity and decision making using game theory, are discussed. In addition, the course examines the effects of the global economic environment on business decisions. Prereq: ECON 512.

**FINANCE****FINC 514 Foundations of Finance (3)**

Study of concepts and skills used in financial decision-making and analysis. Includes valuing assets, determining the cost of capital, calculating the most appropriate leverage and capital structure, understanding the dynamics of international finance, analyzing working capital needs, and forecasting funds flow. Prereqs: ACCT 511, BUSA 513, and ECON 512. (Formerly BUSA 514)

**FINC 521 Managerial Finance (3)**

Study of the strategies and tactics of acquiring and applying financial assets, measuring results, and matching requirements with funding sources. Includes coverage of international financial issues. Prereqs: ACCT 511, BUSA 513, ECON 512, and FINC 514. (Formerly BUSA 521)

**FINC 525 Practicum for Investment Management (3)**

Students are selected to participate in The Bulldog Fund, a student-managed investment portfolio. They analyze existing positions, research new investment ideas, present their proposals, and report results to Samford's Investment Committee. Prereq: Permission of the instructor. Offered: Fall and Spring.

**MANAGEMENT****MNGT 516 Foundations of Management (3)**

Survey of management and operations management designed to meet the needs of students who have never taken a course in these subjects or those who may desire a refresher course to prepare for the management and operations courses in the M.B.A. core curriculum. Prereq: None. (Formerly BUSA 516)

**MNGT 535 Human Resources and Organization Management (3)**

Examines the strategic, planning, and organizational issues associated with managing people in different and complex organizations. Upon completion, students will be able to understand the challenges of managing the staffing process within businesses. Prereq: MNGT 516. (Formerly BUSA 535)

**MNGT 561 Strategic Management (3)**

Study of strategic management and policy-making processes that provide direction, unity, and consistency to overall organizational action. Integrates learning experiences from required courses in the curriculum by concentrating on decisions made at the senior management level. To be taken in final semester prior to graduation. (Formerly BUSA 561)

**MARKETING****MARK 515 Foundations of Marketing (3)**

Survey of general marketing management topics designed to meet the needs of students who have never taken a course in marketing or those who may desire a refresher course to prepare for the marketing courses in the M.B.A. core curriculum. Prereq: None. (Formerly BUSA 515)

**MARK 541 Marketing Strategy (3)**

Review of the planning and execution of marketing strategies designed to facilitate the exchange of goods and services in a global environment in seminar format. Through case study, lecture, and team-based projects, students examine marketing management issues that arise due to cultural, economic, political, legal, financial, and technological differences among nations. Prereq: MARK 515. (Formerly BUSA 541)

**M.B.A. ELECTIVES**

Electives designed for advanced study in a topic area. Specific prerequisites will appear on the schedule.

**ACCT 594 Topics in Accounting (3)****BUSA 590 Topics in International Business/Field Study (3)****BUSA 594 Topics in Finance (3)****BUSA 595 Topics in Information Systems (3)****BUSA 597 Topics in Business Planning and Entrepreneurship (3)****BUSA 599 Topics in Business Law Regulation (3)****ECON 593 Topics in Economics (3)** (Formerly BUSA 593)**FINC 523 Behavioral Finance (3)**

Study of the various behavioral barriers to appropriate financial decisions and actions, how these behavioral patterns often conflict with the underlying assumptions of classical finance theory, and how these contradictions can be dealt with most appropriately. Prereq: BUSA 514, exemption, or permission of the instructor. (Formerly BUSA 523)

**MARK 592 Topics in Marketing (3)** (Formerly BUSA 592)**MNGT 591 Topics in Organizational Behavior (3)** (Formerly BUSA 591)**MNGT 596 Topics in Human Resources (3)** (Formerly BUSA 596)**MNGT 598 Topics in Organizational Leadership (3)** (Formerly BUSA 598)

# Beeson School of Divinity



## Administration

Timothy F. George, Ralph W. Beeson Dean and Professor  
 Paul R. House, Associate Dean and Professor  
 Burch R. Barger, Alumni, Student Recruitment and Admission Officer  
 Thomas L. Fuller, Director, Ministry Leadership Development, Placement, and Assessment  
 J. Michael Garrett, Theological Librarian, Director of Research and Media Services  
 James C. Pounds, Jr., Director of the Extension Division  
 James T. Prince, Director of External Relations  
 Mark A. Searby, Director of Doctor of Ministry Studies  
 Kurt D. Selles, Director of Global Center and Associate Professor  
 TBA, Curator of the Chapel

## Faculty

Charles T. Carter, James H. Chapman Fellow of Pastoral Ministry  
 Lyle W. Dorsett, Billy Graham Professor of Evangelism  
 Allen P. Ross, Beeson Professor  
 Frank S. Thielman, Beeson Professor  
 Kenneth A. Mathews, Professor  
 Douglas D. Webster, Professor  
 D. Mark DeVine, Associate Professor  
 Steven R. Harmon, Associate Professor  
 Patricia A. Outlaw, Associate Professor  
 Robert Smith Jr., Associate Professor  
 Carl L. Beckwith, Assistant Professor  
 Mark S. Gignilliat, Assistant Professor  
 Gisela H. Krelinger, Assistant Professor  
 Osvaldo Padilla, Assistant Professor  
 M. Sydney Park, Assistant Professor  
 Gerald L. Bray, Research Professor  
 Calvin A. Miller, Research Professor and Distinguished Writer-in-Residence

## History

On February 9, 1988, the Board of Trustees of Samford University authorized the establishment of a School of Divinity beginning in the 1988-89 academic year. In one sense this action fulfilled the founding purpose of the University adopted in 1841, which provided for "the establishment of a Theological Institution, connected with the college hereinafter established."

In December 1988, the Samford Board of Trustees voted to name the school the Beeson School of Divinity in honor of Ralph Waldo Beeson and his late father, John Wesley Beeson. Ralph Beeson provided the largest gift from a living individual in Samford history to establish the only divinity school at that time at a Baptist college or university in the nation.

In its first year, Beeson School of Divinity secured the dean, four full-time faculty, and two adjunctive faculty, and enrolled 32 students.

The School of Divinity, like other entities of Samford University, is open to persons from all denominations. The confessional context in which the faculty teaches is defined by the Baptist Faith and Message Statement of 1963. The school offers quality theological education in a Christian university setting from an explicitly evangelical perspective. Non-Baptist faculty teach in accordance with their own convictions on matters of denominational distinctives.

## Graduate Programs and Requirements

Master of Divinity (M.Div.)  
 Master of Divinity with Emphasis in Church Music (M.Div.)  
 Master of Divinity/Juris Doctor (M.Div./J.D.)  
 Master of Divinity/Master of Business Administration (M.Div./M.B.A.)  
 Master of Divinity/Master of Music (M.Div./M.M.)  
 Master of Divinity/Master of Science in Education (M.Div./M.S.E.)  
 Master of Theological Studies (M.T.S.)  
 Master of Theological Studies/Juris Doctor (M.T.S./J.D.)  
 Doctor of Ministry (D.Min.)

At right are brief summaries of the degree requirements for the M.Div., M.T.S., and D.Min. degrees, as well as joint degrees. Students seeking to enter a joint degree program must meet admission requirements for both schools participating in the joint program. Please refer to the Beeson School of Divinity Bulletin for further information on all curricular listings. To obtain a divinity school bulletin, application forms, or additional information, write the Director of Admissions, Beeson School of Divinity, Samford University, Birmingham, Alabama 35229, or call 1-800-888-8266 or (205) 726-2066.

## Master of Divinity

Admission to the master of divinity (M.Div.) program requires a bachelor's degree from a recognized institution. The M.Div. is the flagship degree of the Beeson School of Divinity. This degree requires at least 96 credits, with not less than two-thirds of these credits being completed at Samford. A minimum grade point average of 2.00 is required.

The M.Div. with emphasis in church music, offered through collaboration with the School of Music, is designed for persons who desire a stronger foundation in biblical, historical/theological, and ministry studies as preparation for ministry through music. This program includes all of the music components of the master of music degree, combined with core requirements from the master of divinity degree. The degree concludes with a recital and an oral comprehensive examination. (See School of Music for details.)

<b>Master of Divinity Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Biblical Studies</b>		<b>32</b>
Biblical Interpretation	2	
Old and New Testament Theology	6	
Introduction to Biblical Greek	6	
Greek Exegesis	6	
Introduction to Biblical Hebrew	6	
Hebrew Exegesis	6	
<b>Historical and Doctrinal Studies</b>		<b>21</b>
History and Doctrine	12	
Ecclesiology and Worship	3	
Pastoral Theology	3	
Christian Ethics	3	
<b>Ministry Studies</b>		<b>30</b>
Spiritual Formation	6	
Evangelism and Church Growth	3	
Christian Missions	3	
Christian Preaching	6	
Pastoral Counseling	3	
Ministry Leadership Development	9	
<b>Electives</b>		<b>13</b>
<b>Total Required Credits</b>		<b>96</b>

## Master of Theological Studies

Admission to the master of theological studies (M.T.S.) program requires a bachelor's degree from a recognized institution. The M.T.S. degree is a general academic degree requiring at least 60 credits, with not less than two-thirds of these credits being completed at Samford. A minimum grade point average of 2.00 is required.

<b>Master of Theological Studies Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Biblical Studies</b>		<b>23</b>
Biblical Interpretation	2	
Old and New Testament Theology	6	
Old Testament Exposition/Exegesis	3	
Hebrew and/or Greek	12	
<b>Historical and Theological Studies</b>		<b>15</b>
History and Doctrine	12	
Christian Ethics	3	
<b>Spiritual Formation</b>		<b>4</b>
<b>Christian Missions</b>		<b>2</b>
<b>Electives</b>		<b>16</b>
<b>Total Required Credits</b>		<b>60</b>

## Doctor of Ministry

Admission to the doctor of ministry (D.Min.) program requires a master of divinity degree or its equivalent from an accredited school. As an advanced professional degree, admission requires a GPA of 3.00. Probationary admission is possible in some cases with a slightly lower average. Applicants must be engaged currently in vocational Christian ministry, with a minimum of three years of ministry experience since completing the master of divinity degree. The D.Min. degree requires 42 credits.

Doctor of Ministry Required Courses	Total Required Credits
<b>On-Campus Seminars</b>	
First Year – Two two-week Foundational Seminars	12
Second Year – One two-week Foundational Seminar One two-week Ministry Studies Seminar One semester of Research in Ministry	15
Third Year – One one-week Ministry Studies Seminar Ministry Praxis Proposal Seminar	6
<b>Three Semesters of Approved-Field Supervision Concurrent with Seminars</b>	3
<b>Ministry Praxis Written Ministry Dissertation</b>	6
<b>Total Required Credits</b>	<b>42</b>

## Joint-Degree Programs

### M.Div./M.B.A.

The M.Div./M.B.A. joint-degree program, offered by the Beeson School of Divinity and the School of Business, allows students to pursue the master of divinity degree and the M.B.A. degree concurrently. The program is designed to enrich the educational opportunities available to students in the separate disciplines by encouraging interdisciplinary approaches to ministry preparation and organizational problems that directly impact churches and other religious institutions. Students take 82 credits of coursework in the divinity school and 39 credits in the business school. Students interested in this joint program should apply to the School of Business for admission into the M.B.A. program at the conclusion of the first year of the M.Div. program.

### M.Div./M.S.E.

The M.Div./M.S.E. joint-degree program combines work in the Beeson School of Divinity and the School of Education and Professional Studies. Twelve credits of education-degree coursework are accepted as part of the elective requirement of the M.Div. degree. Crossover credit from the divinity degree to the education degree is determined on a case-by-case basis as may be allowable within government regulations concerning teacher certification. Students normally are required to complete the first year of the M.Div. before beginning work in the School of Education and Professional Studies.

### M.Div./J.D.

The M.Div./J.D. joint-degree program, offered in collaboration between the Beeson School of Divinity and the Cumberland School of Law, allows students to use 15 credits from each degree as crossover electives for the other degree, thus reducing the credits for both professional degrees from 186 to 156. Students must complete their first year of law school before beginning work in the divinity school.

### M.Div./M.M.

The M.Div./M.M. joint-degree program, offered in conjunction with the School of Performing Arts, allows students to use credits from each school as part of the other school's degree, thus reducing credits for both degrees from 134 to 115. Divinity students must qualify for admission to the M.M. program no later than the beginning of the third semester of M.Div. work.

### M.T.S./J.D.

The M.T.S./J.D. joint-degree program allows students to use 12 credits from each degree as crossover electives for the other degree, thus reducing the credits for both professional degrees from 150 to 126.

## Nondegree Divinity Programs

### Extension Division

The Extension Division is a nondegree program of lifelong theological education that prepares and equips Christian leaders for service in God's Kingdom. This program was begun in 1947 and became part of Beeson School of Divinity in 1988. Students who complete extension division courses earn certificate credit and continuing education units (CEUs).

The Extension Division offers instruction that is Biblically based, ecumenical, and administered with the highest integrity. The desired outcome of this program is transformed people who serve God in His Kingdom with excellence, confidence, and kindness.

Beeson School of Divinity and Samford University cooperate with local Christian associations and organizations in providing these courses for adult students from various educational backgrounds. The Extension Division curriculum includes biblical, theological, and practical ministry courses led by qualified and experienced instructors.

Over the last six decades, thousands of ministers and lay persons have received invaluable training through the Extension Division's local centers, prison centers, and on-campus classes and conferences. Approximately 35 of these schools operate across the state of Alabama.

### Entrance Requirements

Classes are offered on a semester-to-semester basis. All students applying for admission to Extension Division classes must be at least 18 years of age and will be considered without regard to race, color, or national or ethnic origin. The Extension Division reserves the right to refuse admission or readmission to any student or prospective student.

### Proficiencies/Certifications

Students can earn certificate credit based on the number of course hours that the individual has completed. Continuing education units (CEUs) are available upon request. Units of credit do not apply to a college degree.

### For further information contact:

Extension Division  
Samford University  
Birmingham, Alabama 35229  
Phone: (205) 726-2731 or (205) 726-2338.

## Global Center

The Global Center in the Beeson School of Divinity exists to help people know their world, help people serve God in the world, and help the world know God through Jesus Christ. It serves as a research and networking center for the dissemination of information on Christian mission worldwide.

The Global Center exhibit area highlights cross-cultural Christian witness, and major issues of concern for the twenty-first century that affect that witness. Exhibit area computers offer a wealth of material on global issues and Christian ministry through carefully selected and regularly updated subscription-based Internet services and CD-ROMs.

Global Center staff is involved in teaching; speaking in church and academic settings; hosting conferences; facilitating short-term missions, mission research, and publishing.

### For additional information please contact:

The Global Center  
Beeson School of Divinity  
Samford University  
Birmingham, Alabama 35229-2268  
Phone: (205)726-2170  
Fax: (205)726-2271  
Web site: [www.beesondivinity.com](http://www.beesondivinity.com)

<b>BEESON SCHOOL OF DIVINITY TUITION AND FEES FOR ACADEMIC YEAR 2009-2010*</b>				
Description of Expense	Student Classification	Payment Regulations	Expense	Payment Due Date (†)
<b>Tuition - Master's Degree</b>				
Less than 9 credits	Master's Degree Divinity Students Part-time	Deposit nonrefundable See Refund Policies	\$460/credit	\$200 deposit upon acceptance and remainder on or before e-bill payment due date
9 to 16 credits	Master's Degree Divinity Students Full-time	Deposit nonrefundable See Refund Policies	\$4,845/semester	\$200 deposit upon acceptance and remainder on or before e-bill payment due date
More than 16 credits	Master's Degree Divinity Students Full-time	Deposit nonrefundable See Refund Policies	\$460/credit	\$200 deposit upon acceptance and remainder on or before e-bill payment due date
All credits - Summer Term and Jan Term	Master's Degree Divinity Students Summer Term or Jan Term	Deposit nonrefundable See Refund Policies	\$185/credit (Sum 2009 & 2010) \$185/credit (Jan Term 2010)	\$200 deposit upon acceptance and remainder on or before e-bill payment due date
<b>Tuition - Doctor of Ministry</b>				
Per-credit	Doctor of Ministry Students	Deposit nonrefundable See Refund Policies	\$310/credit (Fall or Spring) \$300 (Sum 2009) \$310 (Sum 2010)	\$200 deposit upon acceptance and remainder on or before e-bill payment due date
Continuation Fee	Doctor of Ministry Students granted extension beyond fourth year	See Refund Policies	\$1,000	\$200 deposit upon acceptance and remainder on or before e-bill payment due date
<b>Extension Division**</b>				
Institute Program	All Extension Division Students		\$40/course	
Registration Fee	All Extension Division Students		\$10/semester	
<b>Fees</b>				
Application Fee for Divinity School Admission	All Master's Degree Divinity Students	Nonrefundable	\$25/application	At time of application submission
Application Fee for Doctor of Ministry Program	All Doctor of Ministry Students	Nonrefundable	\$50/application	At time of application submission
Technology Fee - Jan Term	All Divinity Students	See Course Drops and Adds	\$20/term	On or before e-bill payment due date
Technology Fee - Summer I, Summer II	All Divinity Students	See Course Drops and Adds	\$30/term	On or before e-bill payment due date
Technology Fee - Fall, Spring	All Divinity Students	See Course Drops and Adds	\$110/semester	On or before e-bill payment due date
Books and Supplies (Divinity)	All Master's Degree Divinity Students		\$1,250 (estimate)	Cash/check/credit card at time of purchase
Books and Supplies (Doctor of Ministry)	All Doctor of Ministry Students		\$825 (estimate)	Cash/check/credit card at time of purchase

\* For complete details and additional information, contact the Director of Admissions and Recruitment, Beeson School of Divinity, Samford University, Birmingham, AL 35229-2252 or phone (205) 726-2991 or (800) 888-8266.  
 \*\* The Extension Division Program is a non-degree seeking program. Courses do not earn college credit. For complete details and additional information, contact the Extension Division, Samford University, Birmingham, AL 35229-2252 or call (205) 726-2731 or (205) 726-2338.

NOTE: See p. 34 for a list of General Miscellaneous Fees that apply to ALL students.

SPECIAL NOTE: Fees are subject to change without notice. See the Bursar's Office Web site for the latest tuition and fee info: [www.samford.edu/admin/bursar/fees.html](http://www.samford.edu/admin/bursar/fees.html)

**(†) Charges incurred after the e-bill has been generated for the semester/term are due on or before the e-bill due date (see Payment Schedule on p. 34 for e-bill generation and payment due dates). Charges incurred during the drop/add period are due when incurred. Classes may be canceled for non-payment.**

# Orlean Bullard Beeson School of Education





# and Professional Studies

## Administration

Jean Ann Box, Ralph W. Beeson Dean, Professor, Teacher Education  
 Charles D. Sands, Associate Dean,  
 Associate Professor, Exercise Science and Sports Medicine  
 James B. Angel, Associate Dean of Budgets,  
 Professor, Exercise Science and Sports Medicine  
 Alan P. Jung, Chair, Assistant Professor, Exercise Science and Sports Medicine  
 Clara E. Gerhardt, Chair, Professor, Family Studies  
 Jeannie C. Krumdieck, Chair, Associate Professor, Interior Design  
 Jo Beth Newton, Interim Chair, Assistant Professor, Teacher Education  
 J. Maurice Persall, Chair, Orlean Bullard Beeson Professor, Graduate Studies  
 Cindy Formanek Kirk, Executive Director, Metro Programs

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## Mission

The mission of the Orlean Bullard Beeson School of Education and Professional Studies is to nurture, develop, and challenge students, faculty, and staff academically, professionally, personally, and spiritually by providing the highest quality Christian learning environment to promote leaders who will positively influence and shape society.

## Vision

The vision of the Orlean Bullard Beeson School of Education and Professional Studies is to be the most prestigious school of education and professional studies in the United States, serving as the premier institution for intellectual and spiritual development through the dissemination of knowledge and ideas that will positively impact local, national, and global communities.

The School of Education and Professional Studies seeks to demonstrate the following values:

### Professionalism:

**Respect** - We will treat all with respect and fairness, contributing toward greater understanding of our interdependence.

**Faith** - We value our Christian heritage and bring it to bear in our daily actions, and we humbly strive to be faithful to and consistent with these principles.

**Honesty** - We will promote honesty and integrity to all associated with this school.

**Collegiality** - We create a supportive, caring, and empathetic atmosphere, cooperating fully to maximize one another's knowledge, skills, and experience in a ceaseless pursuit of excellence.

### Education:

**Scholarship** - We promote intellectual rigor, thoughtful consideration, thorough preparation, depth, effort, and personal responsibility.

**Distinctiveness** - We will maintain Samford's approach to quality education, cognizant of the University's mission to develop the mind, the body, and the spirit.

**Service** - We commit ourselves and our talents to serve God and humankind. We will be examples of generosity—of spirit and caring—and good stewards of our resources.

**Learning** - We will demonstrate that learning never ends, through our commitment to continual renewal and improvement.

# Exercise Science and Sports Medicine

## Faculty

Alan P. Jung, Chair, Assistant Professor  
 James B. Angel, Professor  
 Donna L. Dunaway, Professor  
 Charles D. Sands, IV, Associate Professor  
 Patricia Hart Terry, Professor  
 Christopher A. Gillespie, Assistant Professor  
 Ralph R. Gold Jr., Assistant Professor  
 Robert W. Hensarling, Jr., Assistant Professor  
 John K. Petrella, Assistant Professor  
 Patrice R. Donnelly, Instructor  
 Allison J. Jackson, Instructor

## Mission

The mission of the Department of Exercise Science and Sports Medicine is to nurture and prepare students to positively contribute to the health and well-being of members of society and to instill in all students, faculty, and staff, a commitment to lifetime fitness and positive health. An exemplary education provided in a Christian context, by individuals with a demonstrated commitment to excellence in scholarship, service and teaching provide the mechanism to fulfill this mission.

## Vision

The vision of the Department of Exercise Science and Sports Medicine is to challenge students continually to improve the health and well-being of society by exhibiting the highest standards of quality in teaching, scholarship and service; and to assume the leadership role among undergraduate academic programs in our field in meeting the challenges of preventive medicine and health care.

## Values

Five fundamental values form the foundation of the Department of Exercise Science and Sports Medicine (ESSM) culture.

**Collaboration** - The phrase "to act as a unit" forms the basis of the ESSM department. This value ensures that all students will benefit from the collective wisdom of a team of education professionals.

**Quality** - A commitment to quality has created the ESSM department's legacy of achievement and innovation in curricular and programmatic areas resulting in high achievement for students and faculty. The ESSM department has taken a leadership role in cultivating intellectual curiosity of students and establishing standards of excellence for exercise science related majors

**Integrity** - Adherence to scientific, professional, and personal integrity are the ethical cornerstones that underlie our desire to do the following: mentor students; conduct clinical research investigations; educate students and allied health professionals; guide the fiscal and administrative management of the ESSM department.

**Compassion** - A commitment to compassion includes a respect for our students' and their families' needs for emotional support during their time at Samford. The ESSM department believes in providing the highest level of service to its students and families.

**Commitment** - As an institution, the ESSM department recognizes its responsibilities to the community in which it resides, to the students it services, to Samford University and to the individuals in leadership who oversee the management of its resources.

## Undergraduate Programs and Requirements

### Majors

Athletic Training  
 Exercise Science (Pre-Physical Therapy)  
 Fitness and Health Promotion  
 Nutrition and Dietetics  
 Physical Education  
 Sport Administration  
 Sports Medicine

### Minor

Nutrition and Dietetics

### Dual Major

Physical Education with Athletic Training Option

The Department of Exercise Science and Sports Medicine offers majors in athletic training (ATHT), exercise science (pre-physical therapy) (EXSC), fitness and health promotion (FHPR), nutrition and dietetics (NTDT), sport administration (SPAD), and sports medicine (SPMD) leading to a bachelor of science degree. The department offers a major in physical education (PHED) leading to a bachelor of science in education degree. A dual major in physical education with an athletic training option is also available. See department chair for details. A minimum grade of C- must be achieved in all ESSM prefix courses.

The department also offers a minor in nutrition and dietetics.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required courses. General Education Requirements are detailed in the individual ESSM degree tables, with the exception of the physical activity requirement. Consult p. 154 for a list of applicable activity courses.

### Problem-Based Learning

The long-range goal of the problem-based learning (PBL) methodology is the acquisition and retention of greater amounts of information to be used in solving real world problems utilizing critical-thinking skills necessary for success in today's rapidly changing world. Through the implementation of PBL, it is the hope of the faculty of the Department of Exercise Science and Sports Medicine (ESSM) to develop dynamic group interaction skills, critical-thinking skills, and a desire in the students to be actively involved in their learning throughout the course, the remainder of their undergraduate education, and ultimately throughout their careers. The problems will assist students in making the important connections between classroom concepts, principles, theories, and their application to the real world environment. The ESSM faculty has developed PBL throughout the curriculum of each departmental major.

### Athletic Training Major

Athletic training is designed to prepare students in the "major tasks" comprising the role of the certified athletic trainer. These tasks include the following: 1) prevention of athletic injuries; 2) evaluation, recognition, and immediate care of athletic injuries; 3) rehabilitation and reconditioning of athletic injuries; 4) health care administration; and 5) professional development and responsibility.

The program offers the student a choice of two available tracks. One has the same requirements as the P-12 physical education major plus an additional major in athletic training. The other is a nonteaching major containing, in addition to athletic training studies, courses in nutrition and psychology. These tracks were developed to prepare students to meet the Board of Certification requirements.

The Samford University Athletic Training Education Program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The program has met the nationally-recognized Standards for Entry-Level Athletic Training Education that were established with support of the following sponsoring organizations: the American Academy of Family Physicians, the American Academy of Pediatrics, the American Orthopaedic Society for Sports Medicine, and the National Athletic Trainer's Association, Inc.

## Admission Requirements and Procedures

1. Accepted for admission to Samford University.
2. Make a written request for an Athletic Training Education Program application packet to: Director of Athletic Training Education, Samford University, Birmingham, Alabama 35229.
3. Complete an application and obtain three letters of recommendation, three reference forms, and official transcripts from all high schools and higher education institutions attended. Submit materials to: Director of Athletic Training Education, Samford University, Birmingham, Alabama 35229.
4. Priority consideration will be given to prospective students who meet the following academic standards:
  - a. Achieve a composite score of 21 on the ACT or 900 on the SAT.
  - b. Graduate from high school with a GPA of 3.00 or above.
  - c. Transfer to Samford University from another institution with a GPA of 3.00 or above.
5. Approved by the Athletic Training Admissions Committee (ATAC). The ATAC reviews all application packets and makes a report to the director of athletic training education regarding eligibility for admission to the program.
6. After eligibility status has been approved, the applicant must interview with the ATAC.
7. Must demonstrate technical standards for admission. (See Technical Standards for Admission box on p. 146.)
8. In order to be admitted to the Athletic Training Education Program a student must have completed a course in CPR (Cardiopulmonary Resuscitation) and AED (Automatic Electronic Defibrillator). Documentation of completion of this course must be included with application materials.
9. All students entering the Athletic Training Education Program must have reviewed the OSHA/Blood Borne Pathogens Guidelines included in the application packet. Upon review of the materials, the student must sign the statement indicating that they have reviewed and understand the materials. During athletic training student orientation a quiz regarding this material will be given after a brief review of the materials.
10. All students entering the Athletic Training Education Program must be immunized for Hepatitis B. Proof of this vaccination must be provided in the application materials.
11. Prospective students should sign the confidentiality statement included with the application materials. This statement informs the students that they may see or hear medical information regarding the health and welfare of a student athlete. Athletic training students are not allowed to discuss medical information with anyone other than the athletic training and sports medicine staff.
12. Upon completion of all interviews, recommendations are made by the ATAC concerning admission to the program. In order for the student to be admitted, there must be an available position so that the clinical instructor-to-student ratio guidelines are not violated. Students selected for admission into the program will be notified in writing by the director of athletic training education.
13. Any student who, in the opinion of the ATAC, is judged to have characteristics that are deemed to be undesirable for the profession of athletic training may, with proper review, be denied admission to the athletic training program.
14. Applicants who do not meet the stated criteria may be considered on an individual basis for conditional status admission. The ATAC will stipulate the terms of the conditional status admission in writing to the applicant. Students admitted under conditional status must carefully follow the stipulations set forth by the ATAC. If the student is unable to follow the said stipulation, he/she will be dismissed from the program.

## Transfer Policy Information

1. Transfers are considered to be students who come to Samford University from other schools or who are currently enrolled at Samford but change their major to athletic training.
2. Transfer students must follow the guidelines of the University to be admitted to the program. This information may be found on p. 16 of this catalog.
3. A student who is transferring will be given priority consideration if he/she has a 3.00 GPA from the institution that they formerly attended.
4. Transfer students will follow a similar progression as a sophomore in the program. Attempts will be made to maintain course sequencing as is possible pursuant to the classes offered across the curriculum.

## Retention Requirements

1. Athletic training students must maintain academic requirements set forth by Samford University. In addition, each student must maintain an overall GPA of 2.00. A student enrolled in the "teaching" program must meet the minimum standards of the School of Education and Professional Studies Program.
2. Should a student's GPA fall below the required level, he/she will be placed on probation by the director of athletic training education. Should a student be placed on probation, he/she must make satisfactory progress within two semesters. Should he/she be unable to do so, the student will be dismissed from the program. In the event that the student's GPA rises to the acceptable level after being dismissed from the program, the application process is the same as for any other student.
3. Students making less than a C- in a required athletic training course will be required to repeat the course. These courses are: ESSM 232, 274, 275, 276, 277, 300, 345, 374, 375, 376, 450, 451, 473, 476, 477, 478, 485, 486, 498, and 499.
4. A student may repeat only one required course (see list above) in which a grade of less than C was received. Failure to make at least a C in two required courses or one course twice will result in dismissal from the program.
5. Any student who, in the opinion of the ATAC, is judged to have developed characteristics that are deemed to be undesirable for the profession of athletic training may, with proper review, be dismissed from the program.
6. A student must be able to demonstrate technical standards to continue in the program.
7. Athletic training students are required to submit a current CPR/AED certification card at the beginning of each school year. The certification must be current through the end of that school year.
8. Students will attend a basic review of OSHA guidelines and complete a quiz regarding the information discussed in this review.
9. All athletic training students must abide by the disciplinary rules of Samford. Any student not abiding by the rules will be subject to University discipline.
10. All athletic training students are subject to random drug testing in accordance with Department of Athletics rules. All discipline will be carried out in the appropriate manner as specified and defined in the Department of Athletics drug testing policy and procedures statement.
11. Appeals regarding any of the retention rules and requirements will be heard by the director of athletic training education, the chair of the Department of Exercise Science and Sports Medicine, and the dean of the Orlean Bullard Beeson School of Education and Professional Studies. All appeals must be made in writing and submitted to the director of athletic training education.

## Admission Scoring System

<b>INFORMATION</b> (20 Points Needed for Unconditional Acceptance)	
<b>Application</b> Scoring: <b>3</b> = excellent <b>2</b> = good <b>1</b> = average <b>0</b> = poor	
<b>Three (3) Reference Forms and/or Letters of Recommendation</b> Scoring: <b>3</b> = excellent <b>2</b> = good <b>1</b> = average <b>0</b> = poor (Reference #1) Scoring: <b>3</b> = excellent <b>2</b> = good <b>1</b> = average <b>0</b> = poor (Reference #2) Scoring: <b>3</b> = excellent <b>2</b> = good <b>1</b> = average <b>0</b> = poor (Reference #3)	
<b>Application Essay</b> Scoring: <b>3</b> = excellent <b>2</b> = good <b>1</b> = average <b>0</b> = poor	
<b>Interview</b> Scoring: <b>3</b> = excellent <b>2</b> = good <b>1</b> = average <b>0</b> = poor	
<b>Grade Point Average</b> Scoring: <b>3</b> = 3.50-4.00 <b>2</b> = 3.00-3.49 <b>1</b> = 2.50-2.99 <b>0</b> = less than 2.50	
<b>ACT or SAT Equivalent</b> Scoring: <b>3</b> = 25+ <b>2</b> = 22-24 <b>1</b> = 20-21 <b>0</b> = below 20	
<b>CPR/AED Training</b> Scoring: <b>1</b> = YES <b>0</b> = NO	
<b>Hepatitis B Vaccination</b> Scoring: <b>1</b> = YES <b>0</b> = NO	
<b>Technical Standards Agreement</b> Scoring: <b>1</b> = YES <b>0</b> = NO	
<b>Confidentiality Agreement</b> Scoring: <b>1</b> = YES <b>0</b> = NO	

## Technical Standards for Admission to the Athletic Training Education Program

*NOTE: A formal version of the following is included in the admissions materials for the Athletic Training Education Program. The official form requires the student's signature.*

The Athletic Training Education Program at Samford University is a rigorous and intense program that places specific requirements and demands on the students enrolled in the program. An objective of this program is to prepare graduates to enter a variety of employment settings and to render care to a wide spectrum of individuals engaged in physical activity. The technical standards set forth by the Athletic Training Education Program establish the essential qualities considered necessary for students admitted to this program to achieve the knowledge, skills, and competencies of an entry-level athletic trainer, as well as meet the expectations of the program's accrediting agency. The following abilities and expectations must be met by all students admitted to the Athletic Training Educational Program. In the event a student is unable to fulfill these technical standards, with or without reasonable accommodation, the student will not be admitted to the program.

Compliance with the program's technical standards does not guarantee a student's eligibility for the BOC certification exam.

### Candidates for selection to the Athletic Training Educational Program must demonstrate:

1. The mental capacity to assimilate, analyze, synthesize, integrate concepts, and problem-solve to formulate assessment and therapeutic judgments and to be able to distinguish deviations from the norm.
2. Sufficient postural and neuromuscular control, sensory function, and coordination to perform appropriate physical examinations using accepted techniques; and accurately, safely, and efficiently use equipment and materials during the assessment and treatment of patients.
3. The ability to communicate effectively and sensitively with patients and colleagues, including individuals from different cultural and social backgrounds; this includes, but is not limited to, the ability to establish rapport with patients and communicate judgments and treatment at a level consistent with competent professional practice.
4. The ability to record the physical examination results and a treatment plan clearly and accurately.
5. The capacity to maintain composure and continue to function well during periods of high stress.
6. The perseverance, diligence, and commitment to complete the athletic training education program as outlined and sequenced.
7. Flexibility and the ability to adjust to changing situations and uncertainty in clinical situations.
8. Affective skills and appropriate demeanor and rapport that relate to professional education and quality patient care.

Candidates for selection to the athletic training education program will be required to verify they understand and meet these technical standards or that they believe that, with certain accommodations, they can meet the standards.

The advisor for students with disabilities will evaluate a student who states he/she could meet the program's technical standards with accommodation and confirm that the stated condition qualifies under applicable laws.

If a student states he/she can meet the technical standards with accommodation, then the University will determine whether it agrees that the student can meet the technical standards with reasonable accommodation; this includes a review whether the accommodations requested are reasonable, taking into account whether accommodation would jeopardize clinician/patient safety, or the education process of the student or the institution, including coursework, clinical experiences, and internships deemed essential to graduation.

I certify that I have read and understand the technical standards for selection listed above, and I believe to the best of my knowledge that I meet each of these standards without accommodation. I understand that if I am unable to meet these standards I will not be admitted into the program.

### Alternative statement for students requesting accommodations:

I certify that I have read and understand the technical standards for selection listed above, and I believe to the best of my knowledge that I can meet each of these standards with certain accommodations. I will contact the advisor for students with disabilities to determine what accommodations may be available. I understand that if I am unable to meet these standards with or without accommodations, I will not be admitted into the program.

## Athletic Training Major (Non-Teaching)

Athletic Training Major (Non-Teaching) Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>32</b>
<b>Natural and Computational Sciences</b>		<b>12</b>
BIOL 217 Principles of Human Anatomy	4	
BIOL 218 Principles of Human Physiology	4	
CHEM 108 General, Organic, & Biological Chemistry	3	
CHEM 109 General, Organic, & Biological Chem Lab	1	
<b>Social Sciences</b>		<b>4</b>
PSYC 101 General Psychology	4	
<b>Mathematics</b>		<b>8</b>
MATH 150 Precalculus	4	
MATH 210 Elementary Statistics	4	
<b>Fine Arts (select one course)</b>		<b>2</b>
ART 200 Art Appreciation	2	
MUSC 200 Music Appreciation	2	
THEA 200 Theatre Appreciation	2	
<b>Humanities (select one course)</b>		<b>4</b>
CLAS 200 Rediscovery of the Classical World	4	
ENGL 205 Fiction and Film	4	
HIST 200 The West in Global Perspective	4	
HIST 217 Early America to 1877	4	
HIST 218 Modern America since 1865	4	
LAST 201 Latin American Studies	4	
LOND 360 British Heritage and Culture	4	
PHIL 241 Introduction to Philosophy	4	
RELG 200 Christian Ethics	4	
RELG 201 Introduction to World Religions	4	
RELG 221 Christian Theology	4	
<b>Physical Activity</b>		<b>2</b>
<b>Athletic Training Major:</b>		<b>74</b>
<b>Exercise Science &amp; Sports Medicine</b>		<b>70</b>
ESSM 141 Intro to ESSM and Related Technology	4	
ESSM 216 Personal Nutrition	4	
ESSM 231 Personal and Community Health	4	
ESSM 232 Prevention and Care of Athletic Injuries	2	
ESSM 241 First Aid and CPR	2	
ESSM 274 Practicum in Athletic Training I	1	
ESSM 275 Practicum in Athletic Training II	1	
ESSM 276 Therapeutic Modalities in Sports Medicine	4	
ESSM 277 Practicum in Athletic Training III	1	
ESSM 300 Rehab Techniques in Sports Medicine	4	
ESSM 322 Lifespan Motor Development (Majors)	4	
ESSM 345 Medical Aspects of Exercise and Sport	2	
ESSM 374 Admin. of Athletic Training Prog.	1	
ESSM 375 Practicum in Athletic Training IV	1	
ESSM 376 Practicum in Athletic Training V	1	
ESSM 420 Tests and Measurements in ESSM	4	
ESSM 450 Practicum in Athletic Training VI	1	
ESSM 451 Practicum in Athletic Training VII	1	
ESSM 473 Exercise Physiology	4	
ESSM 476 Anatomy and Kinesiology	4	
ESSM 477 Sports Nutrition	4	
ESSM 478 Sport Psychology	4	
ESSM 485 Recog/Eval of Athletic Injuries: Lower Body	4	
ESSM 486 Recog/Eval of Athletic Injuries: Upper Body	4	
ESSM 498 Research Methods	2	
ESSM 499 Senior Seminar in ESSM	2	
<b>Physics</b>		<b>4</b>
PHYS 101 General Physics I	4	
<b>General Electives (directed by advisor)</b>		<b>4</b>
<b>Total Required Credits</b>		<b>132</b>

## Exercise Science Major

The purpose of the exercise science major is to prepare students for the entry-level master's or doctoral degree program in physical therapy. An interdisciplinary approach is applied to this major, including classes in nutrition, psychology, biology, physics, chemistry, athletic training, and exercise science. The courses contained within the major meet or exceed the prerequisites for the majority of physical therapy schools. Students are encouraged to volunteer service in all aspects of physical therapy prior to and during their undergraduate studies. Academic advisors monitor student progress to maximize acceptance into physical therapy schools.

<b>Exercise Science Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>37</b>
<b>Natural and Computational Sciences</b>		<b>17</b>
BIOL 217 Principles of Human Anatomy	4	
BIOL 218 Principles of Human Physiology	4	
CHEM 205/206 Foundations of Chemistry w/Lab	5	
CHEM 215/216 Fundamentals of Organic Chem w/Lab	4	
<b>Social Sciences</b>		<b>4</b>
PSYC 101 General Psychology	4	
<b>Mathematics</b>		<b>8</b>
MATH 150 Precalculus	4	
MATH 210 Elementary Statistics	4	
<b>Fine Arts (select one course)</b>		<b>2</b>
ART 200 Art Appreciation	2	
MUSC 200 Music Appreciation	2	
THEA 200 Theatre Appreciation	2	
<b>Humanities (select one course; see Athletic Training major table for a complete list of course options)</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Exercise Science Major:</b>		<b>76</b>
<b>Exercise Science &amp; Sports Medicine</b>		<b>52</b>
ESSM 141 Intro to ESSM and Related Technology	4	
ESSM 231 Personal and Community Health	4	
ESSM 232 Prevention and Care of Athletic Injuries <i>or</i>	2	
ESSM 345 Medical Aspects of Exercise and Sport		
ESSM 241 First Aid and CPR	2	
ESSM 276 Therapeutic Modalities in Sports Medicine	4	
ESSM 322 Lifespan Motor Development (Majors)	4	
ESSM 330 Externship in Physical Therapy	4	
ESSM 420 Tests & Measurements in ESSM	4	
ESSM 473 Exercise Physiology	4	
ESSM 476 Anatomy and Kinesiology	4	
ESSM 477 Sports Nutrition	4	
ESSM 485 Recog/Eval of Athletic Injuries: Lower Body	4	
ESSM 486 Recog/Eval of Athletic Injuries: Upper Body	4	
ESSM 498 Research Methods	2	
ESSM 499 Senior Seminar in ESSM	2	
<b>Biology (select two courses)</b>		<b>8</b>
BIOL 225 Microbiology for Allied Health Sciences	4	
BIOL 333 Genetics	4	
BIOL 405 Cell and Molecular Biology	4	
BIOL 425 Basic Pathology	4	
<b>Physics</b>		<b>8</b>
PHYS 101 General Physics I	4	
PHYS 102 General Physics II	4	
<b>Psychology (select two courses)</b>		<b>8</b>
ESSM 478 Sport Psychology	4	
PSYC 203 Psychology of Adjustment	4	
PSYC 205 Life-Span Development	4	
PSYC 210 Child and Adolescent Psychology	4	
PSYC 215 Abnormal Psychology	4	
PSYC 304 Social Psychology	4	
PSYC 308 Physiological Psychology	4	
PSYC 310 Applied Psychology	4	
<b>Total Required Credits</b>		<b>135</b>

## Fitness and Health Promotion Major

This major is designed to prepare students for employment in strength and conditioning, corporate wellness, fitness and wellness (e.g., YMCA), and cardiac rehabilitation. Academic training will be complemented by laboratory work and practicums in fitness-related programs. The coursework and practicums are designed to prepare students for the American College of Sports Medicine certification examination as a Health Fitness Specialist (HFS). The curriculum for this major is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP) and the Committee on the Accreditation of the Exercise Sciences (CoAES). Students must have a minimum GPA of 2.5 for admission to the program.

<b>Fitness and Health Promotion Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>32</b>
<b>Natural and Computational Sciences</b>		<b>12</b>
BIOL 217 Principles of Human Anatomy	4	
BIOL 218 Principles of Human Physiology	4	
CHEM 108 General, Organic & Biological Chemistry	3	
CHEM 109 General, Organic & Biological Chem Lab	1	
<b>Social Sciences</b>		<b>4</b>
PSYC 101 General Psychology	4	
<b>Mathematics</b>		<b>8</b>
MATH 150 Precalculus	4	
MATH 210 Elementary Statistics	4	
<b>Fine Arts (select one course)</b>		<b>2</b>
ART 200 Art Appreciation	2	
MUSC 200 Music Appreciation	2	
THEA 200 Theatre Appreciation	2	
<b>Humanities (select one course; see Athletic Training major table for a complete list of course options)</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Fitness and Health Promotion Major:</b>		<b>60-64</b>
<b>Exercise Science &amp; Sports Medicine</b>		<b>60-64</b>
ESSM 141 Intro to ESSM and Related Technology	4	
ESSM 216 Personal Nutrition	4	
ESSM 232 Prevention and Care of Athletic Injuries	2	
ESSM 241 First Aid and CPR	2	
ESSM 322 Lifespan Motor Development (Majors)	4	
ESSM 337 Strategies for Program Planning/Implement	4	
ESSM 339 Exercise for Special Populations	4	
ESSM 420 Tests & Measurements in ESSM	4	
ESSM 473 Exercise Physiology	4	
ESSM 476 Anatomy and Kinesiology	4	
ESSM 477 Sports Nutrition	4	
ESSM 479 Exercise Testing and Prescription	4	
ESSM 490 Advanced Exercise Physiology	4	
ESSM 495 Fitness & Health Promotion Externship	8 or 12	
ESSM 498 Research Methods	2	
ESSM 499 Senior Seminar in ESSM	2	
<b>General Electives (directed by advisor)</b>		<b>12-16</b>
<b>Total Required Credits</b>		<b>130</b>

### Nutrition and Dietetics Major

Dietetics is a dynamic profession offering many different opportunities for practice. Today's dietetic professionals pursue careers in health care, education, and research. They work in business, industry, public relations, and mass media. Their services are also used in government agencies, restaurant management, corporate and sports wellness programs, food companies, and private practice. Samford's NTD program is approved by the American Dietetic Association. Students seeking a degree in NTD will be reviewed before their junior year (upon completion of 60 credits of college work). A minimum cumulative GPA of 2.75 to 3.00 is recommended to continue since entrance into a dietetic internship or AP4 program following graduation usually requires a 3.00 GPA. Students transferring into the program will be evaluated on their SAT/ACT score, as well as their cumulative GPA.

### Physical Education Major

The physical education major is designed to prepare the student in physical education with the knowledge, appreciation, and skills which the student must have to qualify for job opportunities in public and private schools. A major in physical education is offered for teacher certification in P-12. Emphasis is placed on practical hands-on experience through laboratory and fieldwork, culminating with student teaching and the senior seminar.

<b>Nutrition and Dietetics Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>25</b>
<b>Natural and Computational Sciences</b>		<b>13</b>
BIOL 217 Principles of Human Anatomy	4	
BIOL 218 Principles of Human Physiology	4	
CHEM 205 Foundations of Chemistry	4	
CHEM 206 Foundations of Chemistry Laboratory	1	
<b>Social Sciences</b>		<b>4</b>
PSYC 101 General Psychology	4	
<b>Mathematics (select one course)</b>		<b>4</b>
MATH 110 Contemporary Mathematics	4	
MATH 150 Precalculus	4	
<b>Fine Arts (select one course)</b>		<b>2</b>
ART 200 Art Appreciation	2	
MUSC 200 Music Appreciation	2	
THEA 200 Theatre Appreciation	2	
<b>Physical Activity</b>		<b>2</b>
<b>Nutrition and Dietetics Major:</b>		<b>82-83</b>
<b>Exercise Science &amp; Sports Medicine</b>		<b>64</b>
ESSM 110 Principles of Food Preparation	4	
ESSM 210 Intro to Nutrition and Dietetics	2	
ESSM 216 Personal Nutrition	4	
ESSM 301 Foundations of Nutrition	4	
ESSM 310 Lifecycle Nutrition	4	
ESSM 312 Food, Culture, & Society	4	
ESSM 350 Community Nutrition Education	4	
ESSM 371 Externship	4	
ESSM 410 Medical Nutrition Therapy I	4	
ESSM 411 Medical Nutrition Therapy II	4	
ESSM 412 Quantity Food Production & Management	4	
ESSM 413 Food Service Organization & Management	4	
ESSM 414 Experimental Foods	4	
ESSM 416 Advanced Nutrition and Metabolism	4	
ESSM 477 Sports Nutrition	4	
ESSM 491 Nutrition Seminar	2	
ESSM 498 Research Methods	2	
ESSM 499 Senior Seminar in ESSM	2	
<b>Biology, Chemistry, Economics, and Mathematics</b>		<b>18-19</b>
BIOL 225 Microbiology for Allied Health Sciences	4	
CHEM 215 Fundamentals of Organic Chemistry	3	
CHEM 216 Fundamentals of Organic Chemistry Lab	1	
CHEM 345 Nutritional Biochemistry	3	
ECON 201 Principles of Macroeconomics	4	
MATH 210 Elementary Statistics (4) <i>or</i>	3-4	
NURS 333 Statistics for Health Care Professionals (3)		
<b>General Electives</b>		<b>4</b>
<b>Total Required Credits</b>		<b>133-134</b>

<b>Physical Education Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>27</b>
<b>Natural and Computational Sciences:</b>		<b>12</b>
<b>Biology (complete both courses)</b>	<b>8</b>	
BIOL 217 Principles of Human Anatomy	4	
BIOL 218 Principles of Human Physiology	4	
<b>Chemistry and Physics (select one course)</b>	<b>4</b>	
CHEM 108/109 General, Organic, & Biol Chem w/Lab	4	
PHYS 100 Physics for Society	4	
PHYS 150 Introduction to Astronomy	4	
<b>Mathematics</b>		<b>8</b>
MATH 150 Precalculus	4	
MATH 210 Elementary Statistics	4	
<b>Fine Arts (select one course)</b>		<b>2</b>
ART 200 Art Appreciation	2	
MUSC 200 Music Appreciation	2	
THEA 200 Theatre Appreciation	2	
<b>Humanities and Social Sciences (select one course)</b>		<b>4</b>
HIST 217 Early America to 1877	4	
HIST 218 Modern America since 1865	4	
PSYC 101 General Psychology	4	
SOCI 100 Introduction to Sociology	4	
<b>Physical Activity (select one course)</b>		<b>1</b>
PHED 104 Aqua Aerobics	1	
PHED 111 Scuba	1	
PHED 120 Fitness Swimming	1	
PHED 133-135 Swimming (Beg/Intermed/Synchronized)	1	
PHED 137 Lifeguard Training	1	
PHED 138 Water Safety Instructor Course	2	
<b>Physical Education Major:</b>		<b>86</b>
<b>Exercise Science &amp; Sports Medicine</b>		<b>76</b>
ESSM 141 Intro to ESSM and Related Technology	4	
ESSM 143-145 Core Program for Majors	6	
ESSM 201 Instruct Strategies-Elem Sch Phys Educators	4	
ESSM 231 Personal and Community Health	4	
ESSM 232 Prevention and Care of Athletic Injuries	2	
ESSM 241 First Aid and CPR	2	
ESSM 322 Lifespan Motor Development (Majors)	4	
ESSM 336 Fund Sports Skills: Acquisition/Analysis	4	
ESSM 351 Coaching Principles & Administration	3	
ESSM 360 Curric Design/Instruct Strategies-Phys Ed	4	
ESSM 362-363 Coaching Techniques	4	
ESSM 404 Student Teaching Physical Education P-12	12	
ESSM 420 Tests & Measurements in ESSM	4	
ESSM 433 Org & Admin of Health/Physical Education	3	
ESSM 473 Exercise Physiology	4	
ESSM 476 Anatomy and Kinesiology	4	
ESSM 477 Sports Nutrition	4	
ESSM 498 Research Methods	2	
ESSM 499 Senior Seminar in ESSM	2	
<b>Education</b>		<b>10</b>
EDUC 213 Adolescent Devel within the Educ Culture	2	
EDUC 221 Issues within the Educational Culture	4	
EDUC 311 The Development of the Young Child	2	
EDUC 323 Overview of Child Development	2	
<b>Total Required Credits</b>		<b>135</b>

## Sport Administration Major

The sport administration major is designed to prepare students for employment in corporate and/or educational sport administration settings. Graduates may find employment in such positions as professional/collegiate level sport administration, high school athletic directors, or pursue an advanced degree in the discipline. The coursework and field experiences culminate with a semester long externship. Students must have a minimum GPA of 2.5 for admission to the program.

<b>Sport Administration Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>28</b>
<b>Natural and Computational Sciences:</b>		<b>12</b>
<b>Biology</b> (complete both courses)	<b>8</b>	
BIOL 217 Principles of Human Anatomy	4	
BIOL 218 Principles of Human Physiology	4	
<b>Chemistry and Physics</b> (select one course)	<b>4</b>	
CHEM 108/109 General, Organic, & Biol Chem w/Lab	4	
PHYS 100 Physics for Society	4	
PHYS 150 Introduction to Astronomy	4	
<b>Mathematics</b>		<b>8</b>
MATH 150 Precalculus	4	
MATH 210 Elementary Statistics	4	
<b>Fine Arts</b> (select one course)		<b>2</b>
ART 200 Art Appreciation	2	
MUSC 200 Music Appreciation	2	
THEA 200 Theatre Appreciation	2	
<b>Humanities and Social Sciences</b> (select one course)		<b>4</b>
HIST 217 Early America to 1877	4	
HIST 218 Modern America since 1865	4	
PSYC 101 General Psychology	4	
SOCI 100 Introduction to Sociology	4	
<b>Physical Activity</b>		<b>2</b>
<b>Sport Administration Major:</b>		<b>51</b>
<b>Exercise Science &amp; Sports Medicine</b>		<b>51</b>
ESSM 141 Intro to ESSM and Related Technology	4	
ESSM 231 Personal and Community Health	4	
ESSM 322 Lifespan Motor Development (Majors)	4	
ESSM 351 Coaching Principles & Administration	3	
ESSM 355 Legal Aspects of Sport	3	
ESSM 365 Contemporary Issues in Sport	3	
ESSM 380 Sport Marketing & Finance	3	
ESSM 420 Tests & Measurements in ESSM	4	
ESSM 433 Org & Admin of Health/Physical Education	3	
ESSM 478 Sport Psychology	4	
ESSM 497 Externship in Sport Administration	12	
ESSM 498 Research Methods	2	
ESSM 499 Senior Seminar in ESSM	2	
<b>General Electives</b> (directed by advisor)		<b>28</b>
<b>Total Required Credits</b>		<b>129</b>

## Sports Medicine Major

This major is the department's pre-medicine program and is an alternative to the traditional pre-medical programs. It will provide valuable training for future physicians in areas of prevention such as nutrition, exercise, fitness, weight loss and control, and substance abuse control. This information is generally not offered in medical schools, and a firm foundation can be achieved through this prevention-oriented program. Students will be assigned a departmental academic advisor in addition to the health professions advisor who will guide their progress toward medical school. Students will gain competencies in exercise stress testing, maximal oxygen uptake testing, body composition determination, computerized-diet analysis, and exercise prescription. An interdisciplinary approach including nutrition, biology, mathematics, chemistry, athletic training, and exercise science is included in the major.

## Sports Medicine Major

<b>Sports Medicine Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>33</b>
<b>Natural and Computational Sciences</b>		<b>13</b>
CHEM 205/206 Foundations of Chemistry w/Lab	5	
PHYS 101 General Physics I	4	
PHYS 102 General Physics II	4	
<b>Social Sciences</b>		<b>4</b>
PSYC 101 General Psychology	4	
<b>Mathematics</b>		<b>8</b>
MATH 210 Elementary Statistics	4	
<b>Select one calculus course:</b>	<b>4</b>	
MATH 150 Precalculus <i>or</i>		
MATH 240 Calculus I <i>or</i>		
MATH 260 Calculus II		
<b>Fine Arts</b> (select one course)		<b>2</b>
ART 200 Art Appreciation	2	
MUSC 200 Music Appreciation	2	
THEA 200 Theatre Appreciation	2	
<b>Humanities</b> (select one course; see Athletic Training major table for a complete list of course options)		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Sports Medicine Major:</b>		<b>83</b>
<b>Exercise Science &amp; Sports Medicine</b>		<b>52</b>
ESSM 141 Intro to ESSM and Related Technology	4	
ESSM 216 Personal Nutrition	4	
ESSM 231 Personal and Community Health	4	
ESSM 232 Prevention and Care of Athletic Injuries <i>or</i>	2	
ESSM 345 Medical Aspects of Exercise and Sport		
ESSM 241 First Aid and CPR	2	
ESSM 322 Lifespan Motor Development (Majors)	4	
ESSM 370 Health Professions Internship	4	
ESSM 420 Tests & Measurements in ESSM	4	
ESSM 473 Exercise Physiology	4	
ESSM 476 Anatomy and Kinesiology	4	
ESSM 477 Sports Nutrition	4	
ESSM 485 Recog/Eval of Athletic Injuries: Lower Body	4	
ESSM 486 Recog/Eval of Athletic Injuries: Upper Body	4	
ESSM 498 Research Methods	2	
ESSM 499 Senior Seminar in ESSM	2	
<b>Biology</b>		<b>16</b>
<b>Select two courses:</b>	<b>8</b>	
BIOL 110 Human Biology	4	
BIOL 217 Principles of Human Anatomy	4	
BIOL 218 Principles of Human Physiology	4	
<b>Select two courses:</b>	<b>8</b>	
BIOL 225 Microbiology for Allied Health Sciences	4	
BIOL 311 Histology	4	
BIOL 314 Embryology	4	
BIOL 325 General Microbiology	4	
BIOL 333 Genetics	4	
BIOL 344 Principles of Immunology	4	
BIOL 405 Cell and Molecular Biology	4	
BIOL 425 Basic Pathology	4	
<b>Chemistry</b>		<b>15</b>
CHEM 215/216 Fundamentals of Organic Chem w/Lab	4	
CHEM 315/316 Org Reactions & Mechanisms w/Lab	4	
CHEM 325/326 Quantitative Analysis w/Lab	4	
CHEM 350 Biochemistry	3	
<b>Total Required Credits</b>		<b>138</b>

**Physical Education Major with Athletic Training Option**

<b>Physical Education Major with Athletic Training Option Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>31</b>
<b>Physical Education Major</b>		<b>86</b>
(See Physical Education Major table for major requirements)		
<b>Athletic Training Option:</b>		<b>30</b>
ESSM 274 Practicum in Athletic Training I	1	
ESSM 275 Practicum in Athletic Training II	1	
ESSM 276 Therapeutic Modalities in Sports Medicine	4	
ESSM 277 Practicum in Athletic Training III	1	
ESSM 300 Rehab Techniques in Sports Medicine	4	
ESSM 345 Medical Aspects of Exercise and Sport	2	
ESSM 374 Administration-Athletic Training Program	1	
ESSM 375 Practicum in Athletic Training IV	1	
ESSM 376 Practicum in Athletic Training V	1	
ESSM 450 Practicum in Athletic Training VI	1	
ESSM 451 Practicum in Athletic Training VII	1	
ESSM 478 Sport Psychology	4	
ESSM 485 Recog/Eval of Athletic Injuries: Lower Body	4	
ESSM 486 Recog/Eval of Athletic Injuries: Upper Body	4	
<b>Total Required Credits</b>		<b>169</b>

**Nutrition and Dietetics Minor**

<b>Nutrition and Dietetics Minor Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Nutrition and Dietetics Core</b>		<b>12</b>
ESSM 110 Principles of Food Preparation	4	
ESSM 216 Personal Nutrition	4	
ESSM 301 Foundations of Nutrition	4	
<b>Nutrition and Dietetics Electives</b> (select two courses from the following)		<b>8</b>
ESSM 310 Lifecycle Nutrition	4	
ESSM 312 Food, Culture, and Society	4	
ESSM 412 Quantity Food Production and Mgmt	4	
ESSM 413 Food Service Organization and Management	4	
ESSM 414 Experimental Foods	4	
ESSM 477 Sports Nutrition	4	
<b>Total Required Credits</b>		<b>20</b>

**Courses**

NOTE: Beginning 2007-2008, all courses that were formerly NTDT and all professional PHED courses now have the ESSM prefix. All ESSM courses are now combined into one listing, in numeric order. Old course numbers are noted in parentheses at the end of each course description. PHED activity courses retain the PHED course prefix.

**EXERCISE SCIENCE & SPORTS MEDICINE****ESSM 110 Principles of Food Preparation (4)**

Introduction to food buying, food preparation, food storage, and dietary planning in accordance with scientific principles of nutrition. LEC 2, LAB 2. Offered: Fall, Spring, and Jan Term. (Formerly NTDT 110)

**ESSM 141 Introduction to ESSM and Related Technology (4)**

Introductory course designed to expose all departmental majors to their specific area of study and to provide experiences in selecting and utilizing appropriate technology. Includes survey of each discipline relative to purpose, history and development, career opportunities, and relationship to other disciplines in the department. Offered: Fall and Spring. (Formerly PHED 141)

**ESSM 143-145 Core Program for Majors and Minors (2 each course)**

Introduction to a variety of sports and activities. Emphasis on both skill acquisition and teaching techniques. Required for physical education majors. Prereq: ESSM 141. Offered: On rotation. (Formerly PHED 143-145)

**ESSM 201 Instructional Strategies for Elementary School Physical Educators (4)**

Study of the program of physical education activities for the elementary school. Includes methods and procedures for conducting such a program. For PHED majors only. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 201)

**ESSM 202 Physical Education for Elementary Schools (2)**

See course description for ESSM 201. For non-PHED majors. Offered: Spring and Jan Term. (Formerly PHED 202)

**ESSM 210 Introduction to Nutrition and Dietetics (2)**

Survey of career opportunities in the health field and introduction to computer software pertinent to future career-related opportunities. Offered: Fall. (Formerly NTDT 210)

**ESSM 216 Personal Nutrition (4)**

Introduction to nutrition for personal lifestyle choices. Includes study of digestion, absorption, and metabolism of nutrients. Recent advancements in nutrition, application to meal planning, and strategies for selecting nutritionally balanced foods are also presented. Offered: Fall and Spring. (Formerly NTDT 216)

**ESSM 231 Personal and Community Health (4)**

Study of the basic fundamentals of general health. Emphasis on such topical areas as personal fitness, nutrition, mental and emotional health, and community and environmental health. Prereq: ESSM 141. (Formerly PHED 231)

**ESSM 232 Prevention and Care of Athletic Injuries (2)**

Study of safety and preventive measures and treatment of injuries incurred in athletic contests or practices. Prereq: ESSM 141. (Formerly PHED 232)

**ESSM 241 First Aid and CPR (2)**

Study of the principles of first aid, CPR, and automated external defibrillators (AED). Instruction leads to American Red Cross Certification in first aid, CPR, and AED. Prereq: ESSM 141. (Formerly PHED 241)

**ESSM 274 Practicum in Athletic Training I (1)**

Practical study of taping, protective equipment, sports safety training, and prevention and care techniques. Emphasis on meeting the competencies and proficiencies as set forth by the Commission on Accreditation of Athletic Training Education. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 274)



**ESSM 275 Practicum in Athletic Training II (1)**

Practical study of therapeutic modality skills and techniques commonly used in the athletic training setting. Emphasis on meeting the competencies and proficiencies as set forth by the Commission on Accreditation of Athletic Training Education. Prereq: ESSM 141. Offered: Fall. (Formerly PHED 275)

**ESSM 276 Therapeutic Modalities in Sports Medicine (4)**

Introduction to the proper use of therapeutic modalities. Emphasis on practical experience and hands-on operation. Prereq: ESSM 141. Offered: Fall. (Formerly PHED 276)

**ESSM 277 Practicum in Athletic Training III (1)**

Practical study of rehabilitation skills and techniques commonly used in the athletic training setting. Emphasis on meeting the competencies and proficiencies as set forth by the Commission on Accreditation of Athletic Training Education. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 277)

**ESSM 300 Rehabilitation Techniques in Sports Medicine (4)**

Classroom and practical study in appropriate use of therapeutic rehabilitation and techniques of athletic injuries. Includes scientific/physiological rationales, selection criteria, indications/contradictions, and clinical applications. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 300)

**ESSM 301 Foundations of Nutrition (4)**

Study of fundamental principles of normal nutrition and their relation to the health and physical fitness of individuals. Offered: Fall. (Formerly NTDT 300)

**ESSM 310 Lifecycle Nutrition (4)**

Rapidly moving study of nutrition in the lifecycle from infancy through advancing years. Emphasis on application of the nutritional requirements and guidelines in each age group to dietary planning and intake. Prereq: ESSM 216. Offered: Spring. (Formerly NTDT 310)

**ESSM 312 Food, Culture, and Society (4)**

Examination of how, what, when, where, and why people eat. Cultural differences related to food provision, production, and consumption will be evaluated. Relationships of history, geography, climate, customs, social status, health, economy, religion, and politics to food and society also explored. Offered: Jan Term and summer. (Formerly NTDT 312)

**ESSM 321 Motor Development (Non-Majors) (1-2)**

Study of perceptual motor development and psychomotor development in early childhood. Includes exposure to a broad range of motor/cognitive disabilities. For non-ESSM majors. (Formerly PHED 321)

**ESSM 322 Lifespan Motor Development (Majors) (4)**

Study of motor development across the lifespan, including the impact of physiological, sociological, and psychological developmental trends. Exposure to a broad range of motor/cognitive disabilities is included. Includes laboratory. For ESSM majors only. Prereq: ESSM 141. (Formerly PHED 322)

**ESSM 330 Externship in Physical Therapy (4)**

Observational externship in an outpatient physical therapy setting. Designed to provide the student with an understanding of physical therapy in an ambulatory outpatient facility. Prereq: Thirty (30) volunteer hours in a physical therapy setting. Prereq: ESSM 141. Offered: Fall. (Formerly PHED 330)

**ESSM 335 Health Fitness Management (4)**

Introduction to the application of health fitness/public health management theory and principles in the health fitness arena. Students examine current management opportunities and provide explanations related to application of management theory and principles. Prereq: ESSM 141. Offered: Fall. (Formerly PHED 335)

**ESSM 336 Fundamental Sports Skills: Acquisition and Analysis (4)**

Opportunity to acquire the knowledge and skill necessary for analysis and teaching of sports skills. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 336)

**ESSM 337 Strategies for Program Planning and Implementation (4)**

Examination of the practical knowledge of research techniques and research findings in fitness and positive health. Uses hands-on investigation. Emphasis on following research guidelines, reading and evaluating, published literature, and instructor-guided physiological studies. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 337)

**ESSM 339 Exercise for Special Populations (4)**

Survey of proper physiological assessment, analysis of test data, and exercise programming for disease states (e.g., cardiovascular disease, diabetes, obesity, hypertension) and other special populations, including older adults, adolescents, and athletes. Prereq: ESSM 141. Offered: Fall. (Formerly PHED 339)

**ESSM 340 Practicum in Fitness and Health Promotion (2-4)**

Practical externship experience in various areas of fitness management. Includes exercise leader, fitness programming, and marketing/finance. Prereq: ESSM 141. (Formerly PHED 340)

**ESSM 345 Medical Aspects of Exercise and Sport (2)**

Study of the recognition, evaluation, management, and prevention of the most common medical conditions that affect exercise and sport participation. Emphasis will be placed on differentiating medical conditions. Emphasis will also be placed on the appropriate history, physical exam, indications for referral, and treatment for each condition. Prereqs: ESSM 141 and ESSM 232; BIOL 217 and BIOL 218. Offered: Spring. (Formerly PHED 345)

**ESSM 350 Community Nutrition Education (4)**

Study of community-based programs with nutrition components, including work-site wellness, health promotion, schools, day-care programs, and health clinics. Programs in these areas include nutrition screening and assessment, feeding programs and assistance, plus health promotion and disease prevention. Emphasis on development of counseling skills and use of resources to take into account cultural differences and to develop nutrition education plans, goals, and programs for community groups. Prereq: ESSM 216. Offered: Fall. (Formerly NTDT 350)

**ESSM 351 Coaching Principles and Administration (3)**

Insight into important areas of coaching not associated with the techniques of coaching. Includes sports nutrition, sports psychology, sports administration, weight training, and developmental stages. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 351)

**ESSM 355 Legal Aspects of Sport (3)**

Explores the various legal principles applicable to the sport industry. Contemporary society is becoming increasingly litigious resulting in a dramatic increase in the number of lawsuits. This trend is evident within the realm of sport and physical activity. Emphasis will be placed on legal issues related to sport administration. Prereq: ESSM 141. Offered: Fall.

**ESSM 360 Curriculum Design and Instructional Strategies for Physical Education (4)**

Overview of the curriculum, content, instructional methods, and management of middle and high school health, and physical education classrooms. Prereqs: ESSM 141, 201, 322, and 336. Offered: Fall. (Formerly PHED 360)

**ESSM 362-363 Coaching Techniques (2 each course)**

Opportunity for physical education majors to learn and develop techniques based on the latest theories of coaching. Combines theory in the classroom with application on the playing field/court. Prereq: ESSM 141. Prereq or Co-req: ESSM 351. (Formerly PHED 362-363)

**ESSM 365 Contemporary Issues in Sport (3)**

Study of contemporary issues related to athletics and sport administration. Through case studies and problem-based learning, students will research and critically analyze selected issues related to sport. Settings will include interscholastic, intercollegiate, and recreational and youth sport settings. Prereq: ESSM 141. Offered: Spring.

**ESSM 370 Health Professions Internship (4)**

Understanding and insight into the duties of a physician in a medical setting. Offered: Fall, Jan Term, and Summer I. Prereq: ESSM 141. (Formerly PHED 370)

**ESSM 371 Externship (4)**

In-depth study and practical experience in nutrition and dietetics. Students work with a dietetic preceptor for approximately 120-160 hours. For junior-level and senior-level students. Offered: Fall, Jan Term, and Summer. (Formerly NTDT 370)

**ESSM 374 Administration of Athletic Training Program (1)**

Understanding of the planning, coordinating, and supervision of all administrative components of an athletic training program. Includes high school, college, or professional organizations. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 374)

**ESSM 375 Practicum in Athletic Training IV (1)**

Practical study in evaluation of lower-body athletic injuries commonly sustained by the competitive athlete. Emphasis on meeting the competencies and proficiencies as set forth by the Commission on Accreditation of Athletic Training Education Prereq: ESSM 141. Offered: Fall. (Formerly PHED 375)

**ESSM 376 Practicum in Athletic Training V (1)**

Practical study in evaluation of lower-body athletic injuries commonly sustained by the competitive athlete. Emphasis on meeting the competencies and proficiencies as set forth by the Commission on Accreditation of Athletic Training Education. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 376)

**ESSM 380 Sport Marketing and Finance (3)**

Provides students with an overview of the major marketing and financial issues facing the sport industry. Content will focus on developing basic knowledge and understanding of sport marketing and promotion, specifically the history of sport marketing, evaluation of sport marketing programs, sources of revenue, and public versus private sector funding in sports. Prereq: ESSM 141. Offered: Fall.

**ESSM 404 Student Teaching Physical Education, P-12 (12)**

Supervised field internship for prospective teachers of elementary and secondary students, grades P-12. Prereqs: ESSM 141 and 360; EDUC 213, 221, 311, and 323. (Formerly PHED 404)

**ESSM 405 Advanced Research Techniques in Exercise Science (2)**

Externship designed to give the student in-depth practical experience in various areas of clinical and applied research techniques. Research techniques will be taught in an exercise-based research laboratory environment. At completion of externship, students will have gained practical knowledge and skills needed to function with competence in a laboratory-based research setting. Students will work with research personnel for 100 hours. Course is repeatable, for a maximum of 4 credits. Prereqs: ESSM 141 and junior or senior status. Offered: Summer.

**ESSM 410 Medical Nutrition Therapy I (4)**

Study of dietary deficiencies as they relate to disease. Emphasis on those diseases which may be improved and/or corrected through diet. Prereqs: CHEM 215 and CHEM 216; ESSM 216 or ESSM 301; and ESSM 310, 350, and 477. Offered: Fall. (Formerly NTDT 410)

**ESSM 411 Medical Nutrition Therapy II (4)**

Study of the dietary deficiencies that relate to disease and the nutritional health of the patient in the hospital or community setting. Students learn through case studies. Emphasis on development of nutrition care plans for selected patients and disease states. Preventive dietary and health practices are also discussed. Prereqs: ESSM 301 and ESSM 410. Offered: Spring. (Formerly NTDT 411)

**ESSM 412 Quantity Food Production and Management (4)**

Study of planning, preparation, and presentation of meals for groups larger than 50. Includes catering, banquets, cafeteria, and hospital food service. Special consideration is given to buying, menu developing, producing, and serving food. Also includes visits to local hospitals and restaurant food services. LEC&LAB: 5. Prereq: ESSM 110. Offered: Fall. (Formerly NTDT 412)

**ESSM 413 Food Service Organization and Management (4)**

Study of equipment, personnel, and cost in the management of large quantity food services. Includes guest professional lectures and site visits to local food service operations. LEC&LAB: 5. Prereq: ESSM 412. Offered: Spring. (Formerly NTDT 413)

**ESSM 414 Experimental Foods (4)**

Scientific approach to the factors involved in preparation of standard food products. Experimental methods and techniques are employed in planning, preparation, and evaluation of food products. LEC&LAB: 4. Prereq: ESSM 110. Offered: Spring. (Formerly NTDT 414)

**ESSM 416 Advanced Nutrition and Metabolism (4)**

Advanced study of nutrients and their absorption, metabolism, and excretion by the body. Emphasis on nutritional excess and deficiencies, and the effects these have on human tissues. Prereqs: CHEM 215, 216, and 345. Offered: Spring. (Formerly NTDT 416)

**ESSM 420 Tests and Measurements in Exercise Science & Sports Medicine (4)**

Investigation of the basic concepts of measurement and evaluation as applied to the field of exercise science. Prereqs: ESSM 141; MATH 210 or equivalent. Offered: Fall and Summer 1. (Formerly PHED 420)

**ESSM 433 Organization and Administration of Health and Physical Education (3)**

Discussion of policies, standards, and procedures as they pertain to the organization and administration of physical education. Prereq: ESSM 141. Offered Fall. (Formerly PHED 433)

**ESSM 450 Practicum in Athletic Training VI (1)**

Practical study in the evaluation of upper body athletic injuries and injuries to the spine commonly sustained by the competitive athlete. Exploration of administrative skills commonly needed by certified athletic trainers. Emphasis on meeting the competencies and proficiencies as set forth by the Commission on Accreditation of Athletic Training Education. Prereqs: ESSM 141, 274, 275, 277, 375, and 376. Offered: Fall. (Formerly PHED 450)

**ESSM 451 Practicum in Athletic Training VII (1)**

Practical study in psychosocial intervention, health care administration, and nutritional skills commonly needed by the certified athletic trainer. Review of selected educational competencies and proficiencies instructed and evaluated during the athletic training students' educational career. Emphasis on meeting the competencies and proficiencies as set forth by the Commission on Accreditation of Athletic Training Education. Prereq: ESSM 141. (Formerly PHED 451)

**ESSM 460 Health Promotion (4)**

Introduction to information relative to the stages of effective health education and health promotion. Includes discussion of the sociological, psychological and epidemiological foundations of health promotion programs. Prereq: ESSM 141. Offered: Spring. (Formerly PHED 460)

**ESSM 472 Problems and Practical Experiences in Physical Education (3)**

Concentrated study in the areas of health or physical education, designed to meet the particular needs and interests of individual students. (Formerly HLED 473)

**ESSM 473 Exercise Physiology (4)**

Study of the effects of exercise on the major systems of the human body, including cardiorespiratory, neuromuscular, glandular, and digestive. Includes examination of other effects influencing human exercise, such as climate, altitude, and ergogenic aids. Prereqs: BIOL 217 and BIOL 218, or equivalent; and ESSM 141. (Formerly PHED 473)

**ESSM 474 Problems and Practical Experiences in Health or Physical Education I (4)**

Concentrated study in the areas of health or physical education, designed to meet the particular needs and interests of individual students. (Formerly HLED 474)

**ESSM 475 Problems and Practical Experiences in Health or Physical Education II (6)**

Concentrated study in the areas of health or physical education, designed to meet the particular needs and interests of individual students. (Formerly HLED 475)

**ESSM 476 Anatomy and Kinesiology (4)**

Analysis of the musculoskeletal anatomy of the human body. Emphasis on body movements and the action of muscles in human activity. Prereqs: BIOL 217 and BIOL 218, or equivalent; ESSM 141. (Formerly PHED 476)

**ESSM 477 Sports Nutrition (4)**

Introduction to the functions of nutrients, their availability in foods, and factors affecting their utilization. Emphasis on food and fluid planning for proper athletic performance and the selecting and planning of adequate diets for good health. Prereq: ESSM 141. (Formerly PHED 477)

**ESSM 478 Sport Psychology (4)**

Overview of essential/psychological considerations involved in athletic participation, athletic training, and in coaching athletic teams. Prereqs: ESSM 141; PSYC 101 or equivalent. Offered: Spring. (Formerly PHED 478)

**ESSM 479 Exercise Testing and Prescription (4)**

Classroom and practical study of a variety of exercise testing techniques used to determine cardiorespiratory fitness, muscular fitness, body composition, flexibility, and blood pressure in healthy populations. Primary focus includes selection of appropriate tests, proper administration of tests, and accurate interpretation of test results. Further study will include use of testing results to determine appropriate exercise prescriptions for improving health and fitness. Prereq/Co-req: ESSM 473. Offered: Spring.

**ESSM 485 Recognition and Evaluation of Athletic Injuries: Lower Body (4)**

Practical and classroom study in clinical evaluation of lower body injuries and illnesses commonly sustained by the competitive athlete. Emphasis on proper evaluation for the purpose of (1) administering proper first aid and emergency care and (2) making appropriate referrals to physicians for diagnosis and medical treatment. Prereqs: ESSM 141 and ESSM 476. Offered: Fall. (Formerly PHED 485)

**ESSM 486 Recognition and Evaluation of Athletic Injuries: Upper Body (4)**

Practical and classroom study in clinical evaluation of upper body injuries and illnesses commonly sustained by the competitive athlete. Emphasis on proper evaluation for the purpose of (1) administering proper first aid and emergency care and (2) making appropriate referrals to physicians for diagnosis and medical treatment. Prereqs: ESSM 141 and ESSM 485. Offered: Spring. (Formerly PHED 486)

**ESSM 490 Advanced Exercise Physiology (4)**

Integration of classroom work with laboratory exercises. Includes exposure to laboratory equipment used in physiological research. Prereqs: ESSM 141 and ESSM 473. Offered: Spring. (Formerly PHED 490)

**ESSM 491 Nutrition Seminar (2)**

Capstone course for nutrition and dietetics majors, covering professional issues and responsibilities, including Dietetic Internship application. Should be taken in the final semester of the senior year. Offered: Spring. (Formerly NTD 490)

**ESSM 493 Problems in Nutrition (1-4)**

Individual topic in nutrition selected by the student. Topic may be one not examined in depth in a regular course or research the student needs to complete to meet foundational knowledge and skills required by an ADA Didactic Program in Dietetics. Offered: See advisor. (Formerly NTD 493)

**ESSM 495 Fitness and Health Promotion Externship (12)**

Practical externship experience in one of various areas of fitness and health promotion. Settings and/or experiences may include wellness coordinator/director, fitness leader, exercise programming, cardiac rehabilitation, strength and conditioning, fitness management, research assistant, and/or corporate wellness. Prereqs: ESSM 479, 490, 498, and senior status. Offered: Fall, Spring, and Summer.

**ESSM 497 Externship in Sport Administration (12)**

Professional externship designed to be the culmination of the sport administration major's practical experiences. This course will place the student in a professional setting to gain practical experience in the sport administration environment. Prereq or Co-req: ESSM 498. Offered: Fall and Spring.

**ESSM 498 Research Methods (2)**

Mastery of content and ability to bridge knowledge and application through development of a research proposal. Provides opportunity to compare "actual" with "expected" student outcomes so that alignment can be improved between expectations, actual results, and educational programs. Prereq: ESSM 141. Offered: Fall and Spring. (Formerly PHED 400)

**ESSM 499 Senior Seminar in Exercise Science & Sports Medicine (2)**

Mastery of content and demonstration of ability to apply skills through completion of a comprehensive experimental research project. Includes preparation of results for publication, presentation of results in a professional setting, and a comprehensive examination. Prereqs: ESSM 141 and ESSM 498. Offered: Fall and Spring. (Formerly PHED 401)

**PHYSICAL EDUCATION (CORE CURRICULUM)****UCFH 120 Concepts of Fitness and Health (2)**

Physical fitness course, with emphasis on exercises that develop cardiorespiratory, muscular, and flexibility fitness. All aspects of fitness, such as principles of aerobic fitness, nutrition, flexibility, strength training, common fitness injuries, and weight control and body composition are discussed and applied. Students with physical disabilities may consult the ESSM department chair for special consideration.

## PHYSICAL ACTIVITY PROGRAM

Students enrolled in the Air Force ROTC program or veterans who have active duty service may substitute that experience for all or part of their physical activity requirement. One semester of ROTC can substitute for one (1 credit) activity course requirement, up to a maximum of two credits. This does not include UCFH 120. See the ESSM department chair for details. Students with physical disabilities may consult the ESSM department chair for special consideration.

Students may select any combination of one-credit courses to complete their requirement. An activity course may not be taken twice to fulfill this requirement. If PHED 138 (Water Safety Instructor Course, 2 credits) is passed, the successful completion of UCFH 120 will fulfill the student's physical activity requirement. Varsity athletes may substitute one varsity sport for one activity course requirement. Students in the Marching Band may substitute MUSC 1739 or MUSC 3739 for one activity course requirement. Students completing DANC 100, 101, 102, 201, 202, 211, 212, 301, or 302 may substitute one of those dance courses for only one physical activity credit. This does not include UCFH 120.

- PHED 102 Softball (1)
- PHED 103 Flying Disc Sports (1)
- PHED 104 Aqua Aerobics (1)
- PHED 105 Beginner/Intermediate Golf (1)
- PHED 106 Tennis (1)
- PHED 107 Fitness Walking (1)
- PHED 108 Fitness Running (1)
- PHED 109 Strength Training-Physical Conditioning (1)
- PHED 110 Personal Fitness (1)
- PHED 111 Scuba (1)
- PHED 112 Basketball (1)
- PHED 113 Racquetball-Badminton (1)
- PHED 114 Aerobics (1)
- PHED 115 Volleyball-Wallyball (1)
- PHED 116 Snow Skiing (1)
- PHED 117 Beginning Social Dance-Women (1)
- PHED 118 Beginning Social Dance-Men (1)
- PHED 119 Karate (1)
- PHED 120 Fitness Swimming (1)
- PHED 121 Jazz/Tap for Fitness (1)
- PHED 122 Spin® Cyc ling (1)
- PHED 123 Kayaking (1)
- PHED 124 Dance for Fitness (1)
- PHED 125 Varsity Track and Field (1)
- PHED 126 Varsity Cheerleading (1)
- PHED 127 Yoga (1)
- PHED 128 Varsity Tennis (1)
- PHED 129 Varsity Golf (1)
- PHED 130 Varsity Basketball (Men) (1)
- PHED 131 Soccer (1)
- PHED 132 Lacrosse (1)
- PHED 133 Beginning Swimming (1)
- PHED 134 Intermediate Swimming (1)
- PHED 135 Synchronized Swimming (1)
- PHED 136 Fencing (1)
- PHED 137 Lifeguard Training (1)
- PHED 138 Water Safety Instructor Course (2)  
(Prereq: *Advanced swimming skills*)
- PHED 139 Pilates (1)
- PHED 140 Special Physical Activity (1)
- PHED 147 Varsity Volleyball-Women (1)
- PHED 148 Varsity Baseball (1)
- PHED 149 Varsity Soccer-Women (1)
- PHED 150 Varsity Basketball-Women (1)
- PHED 151 Varsity Football (1)
- PHED 152 Varsity Softball-Women (1)
- PHED 153 Varsity Cross Country (1)

# Family Studies

## Faculty

Clara E. Gerhardt, Chair, Professor  
 Kristie B. Chandler, Assistant Professor  
 Jonathan C. Davis, Assistant Professor

## Undergraduate Programs and Requirements

### Majors

Family Studies  
 Family Studies with a Concentration in Child Development Education

### Minor

Family Studies

Family studies is the study of how individuals grow and develop across the life cycle—particularly in the context of personal, marital, and family relationships. Family studies courses expose students to both practical and theoretical content in areas such as dating and relationship formation, marital relationships, human sexuality, parenting, families and society, lifespan development, gender roles, and multicultural perspectives. The philosophy and broad principles required to plan, implement, and evaluate educational programs designed to optimize family functioning, represent some of the specialized skills of the Family Life Educator.

This discipline concerns the study of an individual's physical, emotional, social, cognitive, and spiritual development from birth through adulthood and how that individual development impacts the family unit. It studies family dynamics from a systemic, developmental framework. The societal issues confronting families, including family law and family economics, are examined. The theories and research which attempt to explain and predict family functioning from an individual and societal perspective are emphasized.

### Mission Statement

To promote and support healthy family life, to teach and to learn about family life in its diversity, as families are the fabric of society.

### Certification

The family studies major recognizes the crucial role of families in society. The family studies curriculum focuses on personal relationships and their connection to and impact on human living and development. Since 1999 the family studies curriculum has met the requirements for the Provisional Certified Family Life Educator (CFLE) designation awarded by the National Council on Family Relations (NCFR; [www.ncfr.org](http://www.ncfr.org)).

### Degree Programs

The Department of Family Studies (FAMS) offers a major in family studies culminating in a bachelor of arts (B.A.) degree.

For students interested in obtaining a master of science in education with Class A certification for preschool through sixth grade, the Orlean Bullard Beeson School of Education and Professional Studies offers a fifth-year nontraditional graduate program in early childhood and elementary education. Detailed requirements are described in the Teacher Education section of this catalog.

The department also offers a minor in family studies.

### Social Entrepreneurship and Non-Profit Management Minor (Brock School of Business)

While not a requirement for a family studies degree, some students may benefit from declaring a minor. There are numerous possibilities throughout the academic programs available at Samford. Many family studies majors are attracted to job opportunities available through non-profit and not-for-profit organizations. A family studies major, coupled with a minor in social entrepreneurship and non-profit management through the Brock School of Business, may increase job marketability. If interested, please refer to the Brock School of Business section of this catalog to review the requirements for the minor.

### Concentration in Child Development Education

In addition to the general family studies major, a concentration in child development education is available. This concentration leads toward a specialized career as a professional educator in a child development setting. Its focus is on working with children and families in the pre-school setting, with specific emphasis on early childhood curriculum. Samford University utilizes the Samford Children's Learning Center (CLC) as a practicum setting. This concentration represents a collaboration between the Departments of Family Studies and Teacher Education with students taking courses in both disciplines. Students interested in this concentration must notify their advisor during the fall semester of their sophomore year.

### Metro Programs

The Family Studies department also directs a bachelor of science in interdisciplinary studies (B.S.I.S.) degree with an area concentration in counseling foundations, which is only offered through the Adult Degree Program (Metro Programs). Detailed requirements and a listing of all courses for this program are described in the Metro Programs section of this catalog.

### Career Options

The program is designed to prepare students for professional careers in the helping professions, in human service agencies, the non profit sector, or for graduate school and research. Career options include family life education, parenting education, helping professions, elder care services, family and social services, child development, youth ministry, and education.

While family studies is a solid foundation for a career in the helping professions, a master's degree or higher may be required to practice and be employed at a competitive level. A significant portion of family studies students plan to attend a master's degree program in areas such as social work, marriage and family therapy, counseling, early childhood education, occupational therapy and seminary.

### Competencies

Samford University focuses on the following competencies in its educational approach: written, oral, quantitative, and information literacies.

Students who complete a family studies degree:

1. Have an understanding of an individual's physical, emotional, social, cognitive and spiritual development from birth through adulthood and how that individual development impacts the family unit.
2. Have an understanding of family dynamics from a systemic, developmental framework.
3. Have an understanding of the societal issues confronting families including family law and family economics.
4. Have an understanding of the philosophy and broad principles required to plan, implement, and evaluate educational programs designed to optimize family functioning.
5. Have an understanding of the theories and research which attempt to explain and predict family functioning from a micro (individual) and macro (societal) level perspective.
6. Have completed an internship in a child and/or family social/community agency.
7. Have received conditional approval as Certified Family Life Educators (CFLEs) recognized through the National Council on Family Relations.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required courses. General Education Requirements are detailed in the individual degree tables, with some exceptions. In those cases where a requirement is not specified, consult pp. 64 and 154 for a list of applicable courses.

### Family Studies Major

Family Studies Major Required Courses	Course Credits	Total Required Credits
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements:</b>		<b>38-50</b>
<b>Natural and Computational Sciences</b>		<b>4</b>
BIOL 110 Human Biology*	4	
<b>Social Sciences</b>		<b>8</b>
PSYC 101 General Psychology	4	
SOCI 100 Introduction to Sociology	4	
<b>Mathematics</b>		<b>8</b>
MATH 110 Contemporary Mathematics <i>or</i>	4	
MATH 150 Precalculus		
MATH 210 Elementary Statistics	4	
<b>World Languages</b> (200 level required)		<b>4-16</b>
<b>Fine Arts</b>		<b>4</b>
<b>Humanities</b>		<b>4</b>
RELG 200 Christian Ethics	4	
<b>Physical Activity</b>		<b>2</b>
<b>Other General Education</b>		<b>4</b>
COMS 221 Interpersonal Communication	4	
<b>Family Studies Major:</b>		<b>50</b>
<b>Family Studies Core</b>		<b>46</b>
FAMS 202 Marriage and the Family	4	
FAMS 300 Parenting	4	
FAMS 322 Family Life Education	2	
FAMS 324 Human Sexuality	4	
FAMS 331 Family Dynamics	4	
FAMS 345 Families and Health	4	
FAMS 346 Family Economics	4	
FAMS 360 Infant and Child Development	4	
FAMS 365 Adolescent and Adult Development	4	
FAMS 370 Practicum in Family Studies	4	
FAMS 383 Research Methods	2	
FAMS 400 Family Law and Public Policy	4	
FAMS 483 Senior Research	2	
<b>Family Studies Electives</b> (select one course)		<b>4</b>
ESSM 216 Personal Nutrition	4	
FAMS 310 Counseling Foundations	4	
FAMS 330 Death and Dying	4	
FAMS 350 Intro to Non-Profits & Grant Writing	4	
FAMS 375 Independent/Special Study	1-5	
FAMS 413 Multicultural and Gender Perspectives	4	
FAMS 420 Families and Religion	4	
PSYC 215 Abnormal Psychology	4	
RELG 361 Pastoral Care	4	
SOCI 205 Sociology of Race and Ethnic Relations	4	
SOCI 331 Sociology of Aging	4	
SOCI 333 Sociology of Religion	4	
SOCI 345 Juvenile Delinquency	4	
SOCI 349 Sociology of Children and Youth	4	
<b>General Electives</b>		<b>6-18</b>
<b>Total Required Credits</b>		<b>128</b>

\*Additional math and science courses are required for admission to Samford's masters in education degree program.

### Family Studies Minor

Family Studies Minor Required Courses	Course Credits	Total Required Credits
<b>Family Studies Core</b>		<b>8</b>
FAMS 202 Marriage and the Family	4	
FAMS 331 Family Dynamics	4	
<b>Family Studies Electives</b>		<b>12</b>
Select three upper-level courses (300-400)		
<b>Total Required Credits</b>		<b>20</b>

## Family Studies Major with Child Development Education Concentration

<b>Family Studies Major with Child Development Education Concentration Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>46</b>
<b>Natural and Computational Sciences</b>		<b>8</b>
BIOL 110 Human Biology	4	
IDSC 201 Scientific Methods*	4	
<b>Social Sciences</b>		<b>12</b>
PSYC 101 General Psychology	4	
PSYC 203 Psychology of Adjustment	4	
SOCI 100 Introduction to Sociology	4	
<b>Mathematics</b>		<b>8</b>
MATH 110 Contemporary Mathematics <i>or</i>	4	
MATH 150 Precalculus		
MATH 210 Elementary Statistics	4	
<b>World Languages</b>		<b>8</b>
101 and 102 of any foreign language	8	
<b>Fine Arts</b>		<b>4</b>
<b>Physical Activity</b>		<b>2</b>
<b>Other General Education</b>		<b>4</b>
COMS 221 Interpersonal Communication	4	
<b>Family Studies Major with Child Development Education Concentration</b>		<b>56</b>
<b>Family Studies Core</b>		<b>36</b>
FAMS 202 Marriage and the Family	4	
FAMS 300 Parenting	4	
FAMS 331 Family Dynamics	4	
FAMS 360 Infant and Child Development	4	
FAMS 383 Research Methods	2	
FAMS 390 Child Life Practicum	4	
FAMS 483 Senior Research	2	
FAMS 491 Child Development Education Internship	12	
<b>Education</b>		<b>20</b>
ART 206 School Art	2	
EDUC 311 The Development of the Young Child	2	
EDUC 312 Principles of Early Learning	6	
EDUC 313 Application of Early Learning	6	
EDUC 316 Practical Teaching and Learning	2	
ESSM 321 Motor Development	2	
<b>General Electives</b>		<b>4</b>
<b>Total Required Credits</b>		<b>128</b>

\*Additional math and science courses are required for admission to Samford's master in education degree program.

## Courses

### FAMS 202 Marriage and the Family (4)

Overview of theories and research methodologies related to the study of relationships in modern personal and family living. Topics covered include dating, marriage, stages of family life, intrafamily relationships (e.g. husband-wife), parenting, the role of family and extended family, as well as micro and macro level influences on family issues. Offered: Fall and Spring.

### FAMS 300 Parenting (4)

Exploration of emotional, physical, and sociological aspects of parenthood, with special attention on the needs of children. Introduction to parenting philosophies, theories, and programs, including developmental parenting throughout the life-span, family diversity, and challenges to contemporary parents and their children. Focus on parent education programs and how the family life educator can present and use these programs. Offered: Fall.

### FAMS 310 Counseling Foundations (4)

Emphasis on (1) orienting students to the field of counseling, with its different settings and variety of activities, and (2) equipping the student with basic understanding of counseling techniques and basic skill proficiency intended to serve the student well in many aspects of interpersonal interaction. Prereq: FAMS 202. Offered: Fall, on rotation.

### FAMS 322 Family Life Education (2)

Introduction to the general philosophy and broad principles of family life education, in conjunction with the ability to plan, implement, and evaluate such educational programs. Students observe family life education in practice, and then critique and develop their own curriculum presentations. Emphasis on process-oriented teaching methodology. Prereq: FAMS 202. Offered: Fall.

### FAMS 324 Human Sexuality (4)

Examination of human sexuality from multidisciplinary perspectives, including the biological, spiritual, psychosocial, and cultural dimensions. Discussion of beliefs and values that influence individual health and well-being. Implications for personal values formation and decision-making. Co-listed as PSYC 324 and SOCI 324. Prereq: FAMS 202. Offered: Spring.

### FAMS 330 Death and Dying (4)

Introduction to personal death awareness, including aspects associated with counseling clients who are facing death, as well as the concerns of family members going through the grief process. Offered: On rotation.

### FAMS 331 Family Dynamics (4)

Analysis of family dynamics from a systemic, developmental framework. Students are challenged to examine common and particular needs and issues of families as they navigate through the family life cycle. Includes examination of the contemporary social context in which families operate. As a writing course, FAMS 331 focuses on training students to develop effective APA research writing skills. Prereq: FAMS 202. Offered: Spring.

### FAMS 345 Families and Health (4)

Study of dynamic aspects of health and wellness in the family throughout the lifespan. Focus on preventative and remedial approaches to safeguarding emotional and physical health to promote optimal well-being for families. Impact of illness and disabilities on family dynamics. Emphasis on family behaviors related to nutrition, fitness, stress, and illness, and responsibly contributing to their own and others' health and well-being. Prereq: FAMS 202 or instructor permission. Offered: Spring.

### FAMS 346 Family Economics (4)

Study of economic topics as they pertain to family resource management. Focus on financial decisions throughout the lifespan, including budgeting, investments, retirement planning, insurance, housing, and informed consumer decisions. Developing and protecting personal and family resources. Investigation of career choices and habits necessary for constructive financial and resource related decisions. Prereq: FAMS 202 or instructor permission. Offered: Fall.

### FAMS 350 Introduction to Non-Profit Organizations & Grant Writing (4)

Survey course that explores the role of non-profit organizations in society. Students will examine the theoretical, philosophical, practical, and ethical perspectives related to the creation and administration of non-profit organizations, including grant writing. Prereq: FAMS 202. Offered: On rotation.

### FAMS 360 Infant and Child Development (4)

Overview of the science of child development. Includes introduction to major theories of child development and a close examination of the major domains of child development (cognitive, physical, social-emotional) from prenatal to early adolescence. Special focus will also be given to specific disabilities which interplay with development (e.g., ADHD, autism). Additionally, students will gain hands on training and practice administering the Denver II instrument. Prereq: FAMS 202. Offered: Fall.

### FAMS 365 Adolescent and Adult Development (4)

In depth study of the physical, emotional, cognitive, social, personality, and spiritual development of persons from adolescence through later life. Major theories of adolescent and adult development are presented as well as various issues related to these stages such as peer relationships, dating, marriage, career choice, transitions to parenting, empty nest, mid-life, and retirement. Prereq: FAMS 202 or instructor permission. Offered: Spring.

**FAMS 370 Practicum in Family Studies (4)**

Students complete a practicum of 125 hours in a child/family/social/community agency, as well as attend class. The focus is on personal and professional development, ethical guidelines of various helping professions, and compilation of a professional portfolio. Practicum sites must meet specified criteria, available from the FAMS practicum supervisor. Enrollment is limited to juniors and seniors. Prereq: FAMS 202. Offered: Fall and Spring.

**FAMS 375 Independent/Special Study (1-5)**

Individual problem selected by the student, with approval of the department chair, arranged with the guidance and supervision of an assigned staff member. Prereq: FAMS 202. Offered: See advisor.

**FAMS 383 Research Methods (2)**

Introduction to research methods in family studies. Drawing on examples from the discipline, this course introduces students to basic elements of scientific thought and stages in the quantitative research process, as well as research ethics. Students design a research project that is completed in the senior research course to follow. Prereq: FAMS 202. Co-req: Must be taken with FAMS 331. Offered: Spring.

**FAMS 390 Child Life Practicum (4)**

Students work (as volunteers) in an early childhood learning program under supervision of the children’s learning center staff and Samford faculty. Class meets once per week for 2 hours and 40 minutes, plus 8 hours per week of field experience. (Students pursuing the former child life concentration will work as volunteers in a hospital child life program under supervision of the hospital child life staff and Samford faculty.)

**FAMS 400 Family Law and Public Policy (4)**

Promotion of interdisciplinary knowledge in the content areas of family law and public policy. Topics include legislation and policies relating to marriage, family leave, divorce, family support, child custody, child protection, and economic support for children and families. Ethics are emphasized as pertaining to the lifespan and to the helping professions, specifically family studies. Prereq: FAMS 202 or instructor permission. Offered: Spring.

**FAMS 413 Multicultural and Gender Perspectives (4)**

Overview of contemporary family science scholarship related to multicultural, diversity, and gender perspectives. Multicultural focus examines ideas and practices related to family structure and function across cultures in contemporary American society. Explores the centrality of cultural identity and gender in the organization and functioning of family and societal relations. Offered: On rotation.

**FAMS 483 Senior Research (2)**

Capstone course designed to familiarize seniors with theoretical and applied research, and research ethics, as it relates to their particular discipline and interests. Final objective is a senior project, which is evaluated by practitioners in the field. Prereq: FAMS 383. Offered: Fall.

**FAMS 490 Child Life Internship (12)**

Students complete an approved Child Life internship experience in a hospital setting. All internship experiences are supervised by a certified Child Life Specialist and involve a minimum of 480 hours of experience. Enrollment in this course is dependent upon acceptance into an approved hospital program. Security clearance and proper immunizations may be required by the hospital prior to the start of the internship. Failure to meet these requirements may result in termination of enrollment. Prereq: Instructor permission.

**FAMS 491 Child Development Education Internship (12)**

Students complete an approved internship involving a minimum of 450 hours of clinical, structured experiences working with young children and their families in one or more early childhood learning center locations. Hours include a minimum of four supervisory consultations by approved University personnel. Travel within and outside the Birmingham metro area may be required to reach the site(s). Students enrolled in this course MUST have a **negative security clearance** by the Alabama Department of Human Resources prior to the start of their internship. Failure to receive clearance may result in termination of enrollment. Prereq: Instructor permission. Offered: Spring.

# Interior Design

## Faculty

Jeannie C. Krumdieck, Chair, Associate Professor  
 Ken Brazil, Associate Professor  
 Charles L. Ford, Assistant Professor

## Undergraduate Programs and Requirements

### Major

Interior Design (with a required minor in Art)

The Department of Interior Design offers a major in interior design leading to a bachelor of arts degree. Interior design majors must declare art as their first minor, but are free to add a second minor if desired. Note: The art minor that’s part of the interior design major is technically different from the independent art minor as seen on p. 196. Students majoring in interior design should follow the minor requirements as detailed in the degree table on the next page.

### Interior Design

Samford University’s interior design program trains designers to combine aesthetic values with practical needs and realities. Program graduates weigh design decisions with social, cultural, and ecological context in mind; use a holistic approach that integrates interior design with architecture; stress the three-dimensional use of space; consider the user’s awareness and experience of space; and incorporate the necessary understanding of codes and life-safety issues. We are committed to training employable graduates at a professional level.

### Accreditation

The Samford University interior design program is accredited by the Council for Interior Design Accreditation (CIDA).

### Interior Design as a Profession

Interior design is evolving into a more exciting profession than ever before. There is an increasing need for designed environments of personal, group and community space in residential and commercial structures, in both new and older buildings. With the challenges of rising costs and limited space, designers must create multiple-use, aesthetically pleasing and functional areas for the inhabitants.

Designers may work with architects or may practice independently or within a firm. They study the users of the space and envision the necessities for function. Code compliance, architectural detail, furnishings, fabric, texture, color, ergonomics and psychology provide designers with a wide range of variables for creative solutions.

Designers need to be familiar with materials, construction, lighting, and support systems for comfort. They then combine these elements in a personally styled solution.

### Curriculum

Interior design students work toward a bachelor of arts degree. Course requirements include 54 core/general education credits, 22 credits for an art minor, and 57 interior design credits.

Freshmen begin their studies with core curriculum and foundational art courses. As sophomores, students begin a sequence of interior design studio classes and focused-content courses. At the end of the sophomore year, students submit portfolios of their work for eligibility to continue in the program. During their junior and senior years, students complete additional studio courses and a group of focused-content courses, such as lighting, building codes, and furniture and millwork design. Students also complete an internship with an architectural or interior design firm.

Coursework involves group projects and class critiques that create active and collaborative learning experiences. Professors choose problems that students are likely to find as designers and discuss projects from several viewpoints: users, employers, and construction professionals. At a midpoint critique, the faculty requires students to defend their designs as if the students were speaking to employers, clients, and team members.

### University Core Curriculum and General Education Requirements

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required courses. General Education Requirements are detailed in the degree table, with the exception of the physical activity requirement. Consult p. 154 for a list of applicable activity courses.

### Technical/Studio Course Fee

Beginning Fall 2009, there is a \$120 fee per semester for students enrolling in technical/studio courses (the fee is \$80 for Summer 2009 only). The following courses are taught in the technical/studio format: INTD 122, 221, 222, 223, 230, 300, 301, 302, 315, 320, 401, 403, 450, and 495. This fee is subject to change without notice. See the Bursar's Office Web site for more information.

### Requirements for Admission to Interior Design Undergraduate Program

Because the bachelor of arts in interior design (INTD) presupposes a certain level of professional competence, each interior design major is required to fulfill application requirements for this major.

1. Minimum ACT score of 18.
2. Minimum cumulative GPA of 2.5 after completion of 30 credit hours, including ART 101, 102, 221, 231, and INTD 122, or the equivalents.
3. Successful completion of Portfolio Review (to include work from ART 101, 102, 221, 231, and INTD 122, or the equivalents as approved by the interior design department chair) to continue in the program.
4. Successful completion of an interview with interior design faculty members following completion of the aforementioned courses to continue in the program.
5. Completion of application form.

**Note:** Entering freshmen and transfer students are required to attend a seminar during the fall semester. This will include delineation of the course of study, the purpose of the art minor, explanation of the portfolio review, and outline specifications for personal computers and software that will be required for the sophomore, junior, and senior courses of study.

## Courses

### INTD 122 Technical Drawing (2)

Introduction to technical drawing skills required for the practice of interior design. Technical/studio format. Offered: Spring.

### INTD 215 Building Codes (2)

Exploration of responsibilities of interior designers with regard to health, safety, and welfare of the public as affected by their designs. Guidelines used include building codes, the Americans with Disabilities Act, and Licensing Agency standards. Lecture format. Offered: Spring.

### INTD 221 CAD I (2)

Introduction to computer application of technical drawing skills required for the practice of interior design. Builds upon skills introduced in INTD 122 (Technical Drawing). Technical/studio format. Prereq: INTD 122. Offered: Fall.

### INTD 222 CAD II (2)

Further development of computer skills and applications introduced in INTD 221. More complex drawing types are explored and 3-D modeling is introduced. Technical/studio format. Prereq: INTD 122 and INTD 221. Offered: Spring.

### INTD 223 Construction Documents/Building Systems (4)

Technical study of the basic components of building construction documents, as well as of structural, mechanical, plumbing, and electrical building systems, and how these relate to interior design. Technical/studio format. Prereq: INTD 222. Offered: Fall.

## Interior Design Major

Interior Design Major Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements</b>			<b>32</b>
<b>Natural and Computational Sciences</b> (select one)			<b>4</b>
IDSC 201	Scientific Methods	4	
PHYS 101	General Physics I	4	
PHYS 102	General Physics II	4	
<b>Social Sciences</b>			<b>8</b>
PSYC 101	General Psychology	4	
SOCI 100	Introduction to Sociology	4	
<b>Mathematics</b>			<b>4</b>
MATH 110	Contemporary Mathematics	4	
<b>World Languages</b>			<b>8</b>
101 and 102 of any foreign language		8	
<b>Fine Arts:</b> (select one course)			<b>2</b>
MUSC 200	Music Appreciation	2	
THEA 200	Theatre Appreciation	2	
<b>Physical Activity</b>			<b>2</b>
<b>Other General Education</b> (select one course)			<b>4</b>
COMS 215	Public Speaking	4	
COMS 221	Interpersonal Communication	4	
COMS 453	Professional Communication	4	
<b>Interior Design Major:</b>			<b>57</b>
<b>Interior Design Core</b>			<b>53</b>
INTD 122	Technical Drawing	2	
INTD 215	Building Codes	2	
INTD 221	CAD I	2	
INTD 222	CAD II	2	
INTD 223	Construction Documents/Bldg Systems	4	
INTD 230	Introduction to 3-D Design	2	
INTD 246	Textiles and Materials	2	
INTD 300	Space Planning	4	
INTD 301	Design Concepts I	4	
INTD 302	Design Concepts II	4	
INTD 315	Furniture and Millwork Design	2	
INTD 320	Presentation Methods	3	
INTD 380	Hist/Theory of Interiors & Furnishings	4	
INTD 403	Design Concepts III	4	
INTD 412	Lighting	2	
INTD 415	Professional Practice for Interior Designers	2	
INTD 455	Internship	4	
INTD 495	Senior Thesis	4	
<b>Interior Design Electives</b> (select four credits)			<b>4</b>
INTD 325	Historic Preservation & Adaptive Reuse	4	
INTD 400	Interior Design Independent Study	1-4	
INTD 401	Special Topics in Interior Design	1-4	
INTD 450	Portfolio	2	
<b>Art Minor (Required):</b>			<b>22</b>
ART 101	Structure I	4	
ART 102	Structure II	4	
ART 221	Drawing I	3	
ART 231	Painting I	3	
ART 382	Hist/Theory of Art, Architecture, Design II	4	
ART 383	Hist/Theory of Art, Architecture, Design III	4	
<b>Total Required Credits</b>			<b>133</b>



**INTD 230 Introduction to Three-Dimensional Design (2)**

Study of three-dimensional composition as it relates to space design, building upon basic principles and elements of design introduced in Art Structure I and II. Technical/studio format. Prereqs: ART 101, 102, 221, and 231. Offered: Fall.

**INTD 246 Textiles and Materials (2)**

Exploration of characteristics, properties, and applications of textiles and other materials used for construction, furnishings, and as finish surfaces in the built environment. Offered: Spring.

**INTD 300 Space Planning (4)**

Application of knowledge and skills attained in prerequisite courses to the development of functional, aesthetically pleasing, and physically and psychologically supportive spaces. Emphasis on human factors, space standards, and pragmatic project requirements. Technical/studio format. Prereqs: ART 101, 102, 221, and 231; and INTD 122, 221, and 230. Offered: Spring.

**INTD 301 Design Concepts I (4)**

Introduction to the design methodology process, as abstract principles are applied to spatial problem-solving. Based on elements and principles of design that were introduced in the art minor. Technical/studio format. Prereqs: INTD 122, 221, 222, 223, 230, and 300. Offered: Fall.

**INTD 302 Design Concepts II (4)**

Continuation of concepts as presented in Design Concepts I, with greater application of the design methodology process toward spatial problem-solving. Although project types vary, focus is on residential issues. Technical/studio format. Prereq: INTD 301. Offered: Spring.

**INTD 315 Furniture and Millwork Design (2)**

Introduction to the design process as well as technical criteria to be considered in the design of furniture and millwork items. Students should have a basic knowledge of the design process and artistic and technical drawing as used as tools to develop project design solutions. Technical/studio format. Prereqs: ART 101, 102, and 325; and INTD 122, 221, 222, and 223. Offered: Fall.

**INTD 320 Presentation Techniques (3)**

Studio course for interior design majors that focuses on developing perspective sketches, rendering techniques, and graphic compositions for presentation purposes. Skills acquired in ART 221 (Drawing I) and INTD 122 (Technical Drawing) serve as a foundation for this course. Technical/studio format. Prereq: INTD 122. Offered: Spring.

**INTD 325 Historic Preservation and Adaptive Reuse (4)**

Identification and study of historical architectural styles as designed and constructed in specific projects. Students research the building's original appearance and restore the project to its original purpose or to a converted purpose. Prereqs: ART 101 and 102; and INTD 222, 223, and 301. Offered: Spring.

**INTD 380 History and Theory of Interiors and Furnishings (4)**

Study of the development of architectural interiors and furnishings from pre-history to the present, grounding students in each cultural period of hallmarking a set of determinants that shaped the culture's aesthetics and design history. Offered: Fall and Spring.

**INTD 400 Interior Design Independent Study (1-4)**

Exploration of a particular design content area as selected by the student, with approval of the program coordinator, under guidance and supervision of an assigned staff member. Offered: See advisor.

**INTD 401 Special Topics in Interior Design (1-4)**

Special topics in interior design not normally examined in depth in regular course offerings. May explore a special design interest of a faculty member or a newly emerging area in interior design. Topics vary depending on the instructor. Technical/studio format. Offered: See advisor.

**INTD 403 Design Concepts III (4)**

Continuation of concepts as presented in Design Concepts I and II, with further application of the design methodology process toward spatial problem-solving. Although project types vary, focus is on commercial design issues. Technical/studio format. Prereqs: INTD 301 and INTD 302. Offered: Fall.

**INTD 412 Lighting (2)**

Study of basic lighting principles and their application. Sources, lamp properties, fixture design, photometrics, lumen/footcandle calculations, and lifecycle evaluation are derived for specification. Prereq: ART 101 and 102; and INTD 222, 223, 300, and 301. Offered: Fall.

**INTD 415 Professional Practice for Interior Designers (2)**

Exploration of business practices of the profession of Interior Design, such as marketing, compensation, business structure, legal responsibilities, and more. Lecture format. Offered: Spring.

**INTD 450 Portfolio (2)**

Designed for upper-level interior design students who are preparing portfolios for job interviews, graduate school applications, design grants, or competitions. Technical/studio format. Prereqs: INTD 301, 302, and preferably 403. Offered: Spring.

**INTD 455 Internship (4)**

Independent study in which students gain practical experience while working in an architectural or interior design firm, or in a business involved in the practice of interior design. Grading is pass/fail only. Prereqs: INTD 301 and INTD 302. Offered: See advisor.

**INTD 495 Senior Thesis (4)**

Final, senior-level design studio course that incorporates components from all previously studied interior design courses. Students design projects based on their own research and program development. Technical/studio format. Prereqs: INTD 301, 302, and 403. Offered: See advisor.

# Teacher Education - Undergraduate

## Faculty

Jo Beth Newton, Interim Chair, Assistant Professor  
Charlotte Freeman, Professor  
Martha B. Ralls, Professor, Director of Secondary Education  
Deborah Childs-Bowen, Associate Professor, Director of Institute for Teaching and Student Achievement  
David M. Finn, Associate Professor, Faculty Director, Children's Learning Center, Director of Special Education  
David C. Little, Associate Professor, Director of Elementary Education  
Robin Duncan, Assistant Professor  
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## Undergraduate Programs and Requirements

### Majors

Early Childhood/Special Education/Elementary/Collaborative (ESEC)  
English/Language Arts  
History/Social Science  
P-12 Education  
Secondary Education

### Minor

Missions Education

### Teacher Certifications

Combined Program (ESEC):  
Early Childhood Education (Grades P-3)  
Early Childhood Special Education (Grades P-3)  
Elementary Education (Grades K-6)  
Elementary Collaborative Education (Grades K-6)  
P-12 Education  
Secondary Education (Grades 6-12)

The Department of Teacher Education offers three distinct majors—ESEC (early childhood/early childhood special education/elementary/elementary collaborative); ENLA (English/language arts), and HISO (history/social science)—all leading to a bachelor of science in education. Teacher certification is available in the combined ESEC program for grades P-3 (early childhood education and early childhood special education) and grades K-6 (elementary education and elementary collaborative education), and in secondary education for grades 6-12 (ENLA and HISO). In addition, the department offers P-12 certification in world languages, music, and physical education for students pursuing bachelor's degrees in those respective departments. The department also offers a minor in missions education, which is available only to students pursuing a teaching certificate.

Each program in teacher education complies with teacher certification requirements prescribed by the Alabama State Department of Education. Certification requirements outlined by the Alabama State Department of Education differ slightly from traditional Arts and Sciences majors and must be followed exactly. As an example, a bachelor of science with a major in English/language arts prepares students to not only teach English, but also speech and theatre at the secondary school level. Information about other programs may be obtained from the department chair or advisement counselor. Students planning to earn certification in secondary education must come to the Orlean Bullard Beeson (OBB) School of Education and Professional Studies at the beginning of the freshman year for advisement.

The teacher education department is accredited by the National Council for Accreditation of Teacher Education (NCATE), 2010 Massachusetts Avenue NW, Suite 500, Washington, DC 20036. This accreditation covers all of the institution's initial and advanced teacher preparation programs.

The teacher education department was recognized by the U.S. Department of Education as being one of the top four effective teacher preparation programs in the nation. All certification programs offered through the teacher education department are aligned with the No Child Left Behind (NCLB) Act of 2001.

### Certifications or Proficiencies

A summary of special requirements for teacher education undergraduate students in general may be noted:

1. ESEC majors are not required to earn additional majors or minors.
2. Those earning P-12 certification in world languages, music or physical education and those earning secondary certification in English/language arts, or history/social science are not required to earn additional majors or minors.
3. All ESEC majors must take additional math and science courses.
4. All students earning certification must successfully pass an exit examination, currently Praxis II in content area.
5. All students earning certification must successfully pass the Alabama Prospective Teacher Testing Program (APTTP)

### Admission to Teacher Education

Requirements for admission to teacher education undergraduate programs are:

1. Minimum ACT score of 20.
2. Grade of C- or better required in all courses.
3. Formal application for admission.
4. Successful completion of EDUC 221 and EDUC 222.
5. Completion of 60 credits of coursework with a GPA of at least 3.00.
6. Completion of projected schedule and agreement form.
7. Completion of an interview with a faculty member in the OBB School of Education and Professional Studies.
8. Two letters of recommendation for ESEC majors.
9. Two letters of recommendation for secondary education or P-12 from a professor in the student's major department and a professor in the teacher education department.
10. Completion of signed document verifying ABI and FBI criminal background checks.
11. Passing score on the Alabama Prospective Teacher Testing Program (APTTP) examination.
12. Demonstration of satisfactory potential for teaching, including evidence of emotional stability and a satisfactory record as to conduct, character, and mental health, to the effect that the applicant does not have any personal qualities prejudicial to satisfactory performance as a teacher.

Acceptance is contingent upon the recommendation of the admissions panel, which meets twice yearly. Applicants will be notified in writing of their acceptance or rejection. Transfer students follow the same admission policies. Education courses may not be transferred into the teacher education program without permission from the department chair.

### Retention in Teacher Education

Once admitted into the teacher education program, the 3.00 GPA requirement must be maintained in all of the following three areas: cumulative, major courses, and professional courses. Failure to maintain a cumulative 3.00 GPA and a 3.00 GPA in the major teaching and professional fields prevents a student from enrolling in specific education courses until the GPA is 3.00. No grade below C- in any course is permitted; in case of a lower grade, the course must be repeated. These GPA requirements also pertain to graduation and certification.

Any student who, in the opinion of the OBB School of Education and Professional Studies Hearing Board, is judged to have developed dispositions or characteristics, academic or otherwise, deemed undesirable for the profession may, after appropriate review, be dropped from the program.

Students wishing to take courses from other colleges must obtain permission beforehand. Please note that education courses may not be transferred into the teacher education program, and independent studies will not be offered. Also, if students take a course through Metro Programs, they will be billed additional tuition equivalent to the day rate per credit.

Students must complete their program within four years of being admitted to teacher education or must reapply for admission to the program. Grievances related to grades may be brought before the Teacher Education Academic Review Board. See the department chair in OBB Room 210 for specific procedures.

**Clinical Requirements**

All teacher education majors are required to complete a wide variety of clinical experiences. These begin in the first semester of the education curriculum and extend throughout the program. ESEC majors will complete a minimum of 30 weeks. This includes one three-week Jan Term experience and observing a first day of school. Secondary majors will complete a minimum of 24 weeks. This includes one three-week Jan Term experience and observing a first day of school. Students must maintain satisfactory evaluations of performance in all clinical experiences in order to progress through the teacher education program.

**Professional Semester**

The student-teaching semester is the final experience in teacher education. The internship experience includes 15 weeks of student teaching and may be taken in the fall or spring semester.

Students planning on student teaching in the fall must submit the student-teaching application during the preregistration period of the preceding fall. Students planning on student teaching in the spring must submit the student-teaching application during the preregistration period of the preceding spring. Applications must be turned in to the Office of Clinical Experience in OBB Room 311.

To be eligible for student teaching, a student must have been admitted to teacher education, be in good academic standing, have demonstrated necessary dispositions to be a successful teacher, have successfully completed the required clinical experience, completed 56 of the required 64 convocation credits, and must have had a complete records check. To be in good academic standing, a student must have completed all EDUC-prefix courses and all essential teaching-field courses, have removed all Incompletes from all courses, and have maintained a 3.00 GPA overall and in each teaching field. Students are referred to the *Clinical Handbook* for a complete explanation of the required clinical experience.

Student teachers must observe the guidelines established by Samford University and all the rules set by the school in which the student teaching is done. Failure to do so can result in the student being dropped from the professional semester or removed from his/her school placement. A student may only repeat the student-teaching semester one time.

Students should consult the *Clinical Handbook* for additional information.

**Completion of Program**

Students who successfully complete a prescribed program at the baccalaureate level in teacher education will be eligible for the Alabama Class B teacher certificate in their area(s) of specialization. Completion of the program is contingent upon achieving a 3.00 GPA in the area or areas of specialization, in the professional components, in the higher education GPA, and performing satisfactorily as a teacher during the professional semester. Students must also demonstrate professional dispositions as explained in the departmental dispositions policy. In order to receive certification, all students must be fingerprinted. Students enrolled in EDUC 221/222 will be informed of the ABI and FBI fingerprinting procedures.

Students must also pass an exit examination (currently PRAXIS II) and the APTTP in order to receive certification. If a student successfully completes all program requirements, he/she may graduate, but certification may not be received until both exams are passed.

**Special Program for Students Interested in Teaching Overseas**

Students interested in serving as missionary teachers or in some other capacity in a foreign culture may fulfill all requirements for an Alabama teaching certificate while earning a minor in missions education. Most countries now expect missionary teachers to hold a teaching certificate from the U.S. or the host country.

The minor in missions education is available only to students earning a teaching certificate. Course requirements are listed in the column at right, and students interested in this program may apply some of these courses toward the regular requirements in teacher education.

**University Core Curriculum and General Education Requirements**

See University Core Curriculum and General Education Requirements in the Howard College of Arts and Sciences introductory pages for a list of required courses. General education requirements are detailed in the individual degree tables, with some exceptions. In those cases where a requirement is not specified, consult pp. 64 and 154 for a list of applicable courses. For ESEC and history/social science majors, LOND 202 is an acceptable substitution for the fine arts general education requirement.

**Teacher Certification Subject Areas Offered**

Composite Subject Areas (6-12)	Major Subject Areas (6-12)	Major Subject Areas (P-12)
English/Language Arts History/Social Science	World Languages: (French, German, Spanish) History Mathematics	World Languages: (French, German, Spanish) Instrumental Music Vocal/Choral Music Physical Education

**Missions Education Minor**

Missions Education Minor Required Courses		Course Credits	Total Required Credits
EDUC 407	Cross-Cultural Practicum* <i>or</i>	3-4	
EDUC 409	Meeting Success in a Diverse World		
GEOG 101	Global Geography	4	
RELG 201	Introduction to World Religions	4	
RELG 210	Foundations of Congregational Studies	4	
UCBP 101	Biblical Perspectives	4	
<b>Total Required Credits</b>			<b>19-20</b>

\* While EDUC 407 is offered for variable credit (1-4 credits), the School of Education requires their majors/minors to take the course for 3 or 4 credits. Cannot take for 1 or 2 credits.

**Undergraduate Courses**

**EDUC 201 Sign Language I (1)**

Introduction to finger spelling as well as American Sign Language issues pertaining to the deaf community.

**EDUC 204 Tutoring Experiences in Education (2)**

Provides an introductory field experience opportunity for undergraduates interested in pursuing a career in teaching. Offered: Fall and Spring.

**EDUC 213 Adolescent Development within the Educational Culture (2-4)**

Study of the life span between childhood and adulthood, a time when major adaptations are made in the total organism. Emphasis on these adjustments, including modifications of a physiological, physical, psychosocial, sexual, moral, and cognitive nature. Special consideration given to education of the adolescent, including gender differences, learning styles, learning theories, and motivation. Primary focus on how adolescents are impacted by these changes, how they deal with them, and how this is reflected in their behavior within the educational environment, plus implications for the educator. Clinical experiences included for secondary teacher education students, who should take course for 4 credits. Students not involved in clinical experiences should take the course for 2 credits. Offered: Fall and Spring.

**EDUC 221 Issues within the Educational Culture (4)**

Exploration of contemporary educational issues for prospective teachers. Students examine philosophical and historical bases of education as a profession and apply an understanding of such frameworks to an analysis of current issues in education. Emphasis on assigned readings and analyses of cases drawn from real-life situations in order to challenge students to view the educational process from many perspectives and to begin their journey as reflective decision-makers. Students will develop an informed personal philosophy of education, which they will continue to challenge throughout their educational program.

**EDUC 222 Clinical Experiences in the Educational Culture (4)**

Intensive field experiences (45 hours) in urban, rural and suburban educational settings. Focus on student development of a personal philosophy of teaching/learning based on observation of sound teaching practices and strategies. Reflective decision-making skills developed through observational journal writing and actual classroom teaching experience. Methodologies include field experience, lecture, journals, case studies, and problem-solving sessions. Designed for prospective P-12 teachers.

### ESEC Major

The following requirements apply for a combined major in: early childhood education (Grades P-3); early childhood special education (Grades P-3); elementary education (Grades K-6); elementary collaborative education (Grades K-6).

ESEC Major Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements:</b>			<b>34</b>
<b>Natural and Computational Sciences</b>			<b>12</b>
BIOL 105	Principles of Biology <i>or</i>	4	
BIOL 107	Contemporary Biology <i>or</i>		
BIOL 110	Human Biology <i>or</i>		
BIOL 111	Animal Biology <i>or</i>		
BIOL 205	Biology in Great Britain		
IDSC 201	Scientific Methods <i>or</i>	4	
GEOG 150	Physical Geography		
PHYS 100	Physics for Society <i>or</i>	4	
PHYS 150	Introduction to Astronomy		
<b>Social Sciences</b>			<b>4</b>
GEOG 101	Global Geography	4	
<b>Mathematics</b>			<b>12</b>
MATH 110	Contemporary Mathematics <i>or</i>	4	
MATH 150	Precalculus <i>or</i>		
MATH 240	Calculus I		
MATH 107	Mathematics for Elementary Teachers	4	
MATH 210	Elementary Statistics	4	
<b>Fine Arts (select one course)</b>			<b>2</b>
ART 200	Art Appreciation	2	
MUSC 200	Music Appreciation	2	
THEA 200	Theatre Appreciation	2	
<b>Humanities (select one course)</b>			<b>4</b>
HIST 217	Early America to 1877	4	
HIST 218	Modern America since 1865	4	
<b>ESEC Major:</b>			<b>84</b>
<b>Major and Professional Courses*</b>			<b>22</b>
ART 206	School Art	2	
EDUC 221	Issues within the Educational Culture	4	
EDUC 222	Clinical Experiences-Educational Culture	4	
EDUC 223	Introduction to Technology	1	
EDUC 373	Practical Classroom Experience	1	
ESSM 202	Physical Education for Elementary Schools	2	
ESSM 231	Personal and Community Health	4	
ESSM 321	Motor Development (Non-Majors)**	2	
MUSC 3300	School Music	2	
<b>Education (formal admission required before taking the following courses)</b>			<b>62</b>
EDUC 311	The Development of the Young Child	2	
EDUC 312	Principles of Early Learning	6	
EDUC 313	Application of Early Learning	6	
EDUC 316	Practical Teaching & Learning	2	
EDUC 323	Overview of Child Development	2	
EDUC 324	The Arts Curriculum	6	
EDUC 329	The Science Curriculum	6	
EDUC 330	Curriculum Application	2	
EDUC 413	Classroom Management	2	
EDUC 414	Reading, Writing, and Assessment across the Curriculum Areas	2	
EDUC 415	Technology across the Curriculum	2	
EDUC 416	The Professional Educator	2	
EDUC 417	Educational Practices in Action	6	
EDUC 418	Collaboration in Educational Practices	4	
EDUC 474	Student Teaching in the ESEC	12	
<b>Total Required Credits</b>			<b>140</b>

\* A minimum GPA of 3.00 is required.

\*\* While ESSM 321 is sometimes offered as a 1-credit course, ESEC majors must take it for 2 credits.

NOTE: Program subject to change if state and/or federal requirements are revised.

### English/Language Arts Major (B.S.E. w/Teacher Certification)

English/Language Arts Major Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements</b>			<b>24</b>
<b>Natural and Computational Sciences</b>			<b>8</b>
<b>Social Sciences</b>			<b>4</b>
JMC 200	Mass Media and Society	4	
<b>Mathematics</b>			<b>4</b>
MATH 210	Elementary Statistics	4	
<b>Fine Arts</b>			<b>2</b>
THEA 200	Theatre Appreciation	2	
<b>Humanities</b>			<b>4</b>
ENGL 205	Fiction and Film	4	
<b>Physical Activity</b>			<b>2</b>
<b>English/Language Arts Major:*</b>			<b>119</b>
<b>English Core</b>			<b>32</b>
ENGL 210	American Literature	4	
ENGL 301	British Literature to 1798	4	
ENGL 302	British Literature since 1798	4	
ENGL 310	Literary Theory	4	
ENGL 328	Minority Literature <i>or</i>	4	
ENGL 420	Comparative Literature		
ENGL 340	Shakespeare	4	
ENGL 400	History of the Language	4	
ENGL 410	Senior Thesis	4	
<b>English Electives (select three courses)</b>			<b>12</b>
ENGL 303	Poetry	4	
ENGL 304	Short Story	4	
ENGL 305	Novel	4	
ENGL 306	Drama	4	
ENGL 307	Film	4	
ENGL 308	American Literary Movements	4	
ENGL 309	Special Topics in Literature	4	
ENGL 311	Creative Writing: Short Fiction	4	
ENGL 312	Creative Writing: Poetry	4	
ENGL 320	The Canterbury Tales	4	
ENGL 321	Fantasy Literature & the Renaissance	4	
ENGL 322	Novels & Seduction in 18th Century Lit	4	
ENGL 323	Romantic	4	
ENGL 324	American Renaissance	4	
ENGL 325	19th Century British Literature	4	
ENGL 326	Counterculture & Modern British Lit	4	
ENGL 327	The American Century	4	
<b>Communication Studies, Journalism, and Theatre</b>			<b>30</b>
COMS 215	Public Speaking	4	
COMS 221	Interpersonal Communication	4	
COMS 320	Legal Communication	4	
JMC 310	Mass Media Production	6	
<i>The following THEA courses must be taken in sequence:</i>			
THEA 212	Acting I	3	
THEA 242	Fundamentals of Design	3	
THEA 322	Beginning Directing	3	
THEA 415	Creative Drama	3	
<b>Professional Courses**</b>			<b>17</b>
EDUC 213	Adolescent Development-Educ Culture	4	
EDUC 221	Issues within the Educational Culture	4	
EDUC 222	Clinical Experiences-Educational Culture	4	
EDUC 305	Teaching in the Middle School	4	
EDUC 373	Practical Classroom Experience	1	
<b>Education (formal admission required before taking the following courses)</b>			<b>28</b>
EDUC 223	Introduction to Technology	1	
EDUC 315	Teaching/Learning-Secd Classrooms	4	
EDUC 331	Curriculum Appl-Secondary Classrooms	4	
EDUC 414	Reading/Writing/Assessment-Curric Area	2	
EDUC 415	Technology across the Curriculum	2	
EDUC 426	Professional Secd Engl/Lang Arts Teacher	3	
EDUC 475	Student Teaching Grades 6-12	12	
<b>Total Required Credits</b>			<b>165</b>

\*A minimum GPA of 3.00 is required.

NOTE: Program subject to change if state and/or federal requirements are revised.

**Secondary Education and P-12 Majors**

Curriculum requirements for secondary education and P-12 education requirements may be obtained from the certification officer/advisor, OBB Room 322; or the head of the academic department involved. All secondary education majors are required to meet with the certification officer/advisor, OBB Room 322 upon admission to the University. This meeting could be during regular orientation program. Subject to change if state and/or federal requirements are revised.

**History/Social Science Major (B.S.E. w/Teacher Certification)**

<b>History/Social Science Major Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>University Core Curriculum</b>		<b>22</b>
<b>General Education Requirements</b>		<b>24</b>
<b>Natural and Computational Sciences</b>		<b>8</b>
<b>Social Sciences</b>		<b>4</b>
SOCI 100 Introduction to Sociology	4	
<b>Mathematics</b>		<b>4</b>
MATH 210 Elementary Statistics	4	
<b>Fine Arts (select one course)</b>		<b>2</b>
ART 200 Art Appreciation	2	
MUSC 200 Music Appreciation	2	
THEA 200 Theatre Appreciation	2	
<b>Humanities (select one course)</b>		<b>4</b>
CLAS 200 Rediscovery of the Classical World	4	
ENGL 205 Fiction and Film	4	
ENGL 210 American Literature	4	
LAST 201 Latin American Studies	4	
LOND 360 British Heritage & Culture	4	
PHIL 241 Introduction to Philosophy	4	
RELG 200 Christian Ethics	4	
RELG 201 Introduction to World Religions	4	
RELG 221 Christian Doctrine	4	
<b>Physical Activity</b>		<b>2</b>
<b>History/Social Science Major:*</b>		<b>112</b>
<b>History</b>		<b>40</b>
HIST 200 The West in Global Perspective	4	
HIST 217 Early America to 1877	4	
HIST 218 Modern America since 1865	4	
HIST 300 The Historian's Craft	4	
Six upper-level History courses	24	
<b>Political Science</b>		<b>12</b>
POLS 200 Introduction to Political Science	4	
POLS 205 Introduction to American Politics <i>or</i> POLS 312 State and Local Government	4	
POLS 310 U.S. Foreign Relations <i>or</i> POLS 319 International Relations since WW II <i>or</i> POLS 322 Latin American Politics <i>or</i> POLS 351 European Politics	4	
<b>Economics and Geography</b>		<b>15</b>
ECON 201 Principles of Macroeconomics	4	
ECON 202 Principles of Microeconomics	3	
GEOG 101 Global Geography	4	
Geography Elective	4	
<b>Professional Courses**</b>		<b>17</b>
EDUC 213 Adolescent Development-Educ Culture	4	
EDUC 221 Issues within the Educational Culture	4	
EDUC 222 Clinical Experiences-Educational Culture	4	
EDUC 305 Teaching in the Middle School	4	
EDUC 373 Practical Classroom Experience	1	
<b>Education (formal admission required before taking the following courses)</b>		<b>28</b>
EDUC 223 Introduction to Technology	1	
EDUC 315 Teaching/Learning-Secd Classrooms	4	
EDUC 331 Curriculum Appl-Secondary Classrooms	4	
EDUC 414 Reading/Writing/Assessment-Curric Area	2	
EDUC 415 Technology across the Curriculum	2	
EDUC 428 Professional Secd Hist/Social Sci Teacher	3	
EDUC 475 Student Teaching Grades 6-12	12	
<b>Total Required Credits</b>		<b>158</b>

\*A minimum GPA of 3.00 is required.

NOTE: Program subject to change if state and/or federal requirements are revised.

**EDUC 223 Introduction to Technology (1)**

Introduction to currently available technology for prospective teachers. Includes instruction on how students can use various media in their classrooms, in their own education, and in their own professional careers. Emphasis on how multi-media can be used to meet the needs of various learning styles.

**EDUC 305 Teaching in the Middle School (4)**

Study of middle school philosophy and objectives. Emphasis on curriculum plans and activities for meeting the educational needs of preteens and early teenagers. Offered: Spring.

**EDUC 307 Foundations of Leadership (4)**

Introduction to the foundations of leadership and the importance of principled leadership in all areas of life. Offered: Fall and Spring.

**EDUC 311 The Development of the Young Child (2)**

Introduction to the developmental characteristics of the child from conception to age eight, or the end of the primary grades. Special consideration given to developmental dynamics of the following areas as they relate to working with this age child: physical, social, psychological, emotional, cognitive, moral, and psycholinguistic. Additional coverage includes instructional planning and strategies for children with special needs.

**EDUC 312 Principles of Early Learning (6)**

Introduction to the principles of early learning in preschool, kindergarten, and primary grades for the prospective teacher. Emphasis on development of an integrated curriculum in content areas, assessment, classroom management, teaching to divergent cultures, and inclusion of students with special needs. Class members are expected to apply knowledge of these principles of early learning as they analyze case studies and develop lesson plans. Students are also required to create an integrated, thematic unit and teach lesson plans they have written and evaluated. Co-req: EDUC 316.

**EDUC 313 Application of Early Learning (6)**

Application of early learning principles through problem-based decision cases that focus on self-reflection and decision-making, plus the technology that supports the instructional process. Includes seminars with classroom teachers and interactive clinical experiences. Designed for prospective teachers of children from infancy through age eight.

**EDUC 315 Teaching and Learning in Secondary Classrooms (4)**

Introduction to methods of teaching, classroom management, and the creation of effective learning environments for pre-adolescent and adolescent students with a goal of appreciating the great diversity that exists among students today. Emphasis is upon developing reflective practitioners who draw upon an array of solutions to classroom challenges as represented in literature, research, and informed practice in the field of secondary education. Offered: Fall.

**EDUC 316 Practical Teaching and Learning (2)**

Early childhood field experience as a prelude to the professional semester. Emphasis on curriculum development and implementation, plus reflective decision-making and integrated teaching/learning strategies within the framework of a multicultural educational and special needs setting. Designed for elementary and early childhood education majors contemplating a P-6 teaching career. Co-req: EDUC 312.

**EDUC 323 Overview of Child Development (2)**

Establishment of a comprehensive knowledge base of developmental characteristics regarding the child of elementary school age (nine to eleven). Includes major developmental theories related to the areas of cognition, learning, motivation, communication, language acquisition, physical, social, psychological, and moral development.

**EDUC 324 The Arts Curriculum (6)**

Establishment of a foundation of content and application relative to an arts-based P-6 curriculum emphasizing reflective decision-making and integrated-teaching/learning strategies. Methodologies utilized include discussion, lecture, field experiences, projects and research. Designed for elementary and early childhood education majors contemplating a P-6 teaching career.

**EDUC 329 The Science Curriculum (6)**

Study of the materials and methods used in teaching science, math, social studies, and technology. Emphasis on curriculum development, construction of knowledge, problem-solving techniques, and practical application to promote optimum teaching and learning. Emphasis also on reflective decision-making and integrated-teaching/learning strategies within the framework of a multicultural educational and special needs setting. Methodologies utilized include discussion, lab experience, case studies, lecture, field experience, and curriculum (unit/lesson) development. Designed for elementary and early childhood education majors contemplating a P-6 teaching career.

**EDUC 330 Curriculum Application (2)**

Elementary field experience as a prelude to the professional semester. Emphasis on curriculum development and implementation to promote optimum teaching and learning. Emphasis also on reflective decision-making and integrated-teaching/learning strategies within the framework of a multicultural educational and special needs setting. Designed for elementary and early childhood education majors contemplating a P-6 teaching career.

**EDUC 331 Curriculum Applications in Secondary Classrooms (4)**

Application of conceptions of curriculum, instruction, classroom management and discipline, multimedia, and human resources, and assessment in the context of an actual classroom. Prospective secondary education teachers design and teach a week's unit using problem-based learning techniques, and analyze assessment data collected in the field to determine the effectiveness of their teaching. Emphasis on developing reflective classroom practitioners who consider a wide array of classroom variables in analyzing a particular educational context.

**EDUC 373 Practical Classroom Experience (1)**

Intensive clinical experiences in a public or private school classroom, focusing on methodologies and strategies for successful classroom performance. Designed for P-12 teacher education majors. Offered: Jan Term.

**EDUC 407 Cross-Cultural Practicum (1-4)**

Practicum experience involving a sustained-direct relationship with people of different cultural groups. Students complete assigned tasks under supervision, after making a thorough study of the culturally different groups. See advisor.

**EDUC 409 Meeting Success in a Diverse World (3)**

Examination of the richness of cultural differences evidenced by students in a pluralistic modern society and of the ways these differences may be utilized in instruction to bring about achievement of all students. See advisor.

**EDUC 413 Classroom Management (2)**

Establishment of a foundation of content and application relative to classroom management and discipline. Emphasis on reflective decision-making and integrated-teaching/learning strategies. Methodologies utilized include discussion, lecture, field experiences, projects and research. Designed for elementary and early childhood education majors contemplating a P-6 teaching career. Offered: Fall.

**EDUC 414 Reading, Writing, and Assessment across the Curriculum Areas (2)**

Introduction to a variety of teaching strategies that encourage reading and writing across the curriculum areas. Includes assistance with identification of problems related to educational assessment, strategies for effective measurement of teacher performance, and an understanding of standardized testing, including selection, administration, scoring, and interpretation of instrumentation.

**EDUC 415 Technology across the Curriculum (2)**

Introduction to the wide variety of applications for multimedia in the classroom and to techniques for evaluating educational software and hardware. Emphasis on ways in which technology can be used effectively to teach a wide variety of subjects and meet the needs of multiple learning styles and special needs. Students are expected to be creative in the use of available resources and to develop ways to keep abreast of the constantly changing technological environment.

**EDUC 416 The Professional Educator (2)**

Review of major issues related to becoming a professional educator. Students explore and reflect on expectations of, and relationships with, principals, parents, and teaching colleagues. Course also serves as a culmination of the teacher education focus on problem-based learning, including exploration of the role of facilitator in a problem-based learning classroom. Students facilitate cases with other students entering the teacher education program and design and teach an open-ended problem in a classroom. Offered: Fall.

**EDUC 417 Educational Practices in Action (6)**

Application of sound educational practices within clinical settings as a means to facilitate student learning. Emphasis on developing the ability of prospective teachers to become reflective decision-makers and problem-solvers in the classroom as they practice the adaptation, implementation, and assessment of lessons for children with special needs. Includes experiences in inclusive and collaborative settings and opportunities to apply problem-based learning and classroom management techniques. Offered: Fall.

**EDUC 418 Collaboration in Educational Practices (4)**

Study of the principles of early childhood special education and elementary collaborative teaching. Emphasis on communication and involvement with families of children with special needs, avenues by which prospective teachers can access community and family resources, and teaching strategies appropriate for meeting individual needs of children. Case studies, seminars with community and educational leaders, and technology serve as vehicles for reflection and provide opportunities to develop decision-making skills necessary to make appropriate curricular and instructional choices for children with diverse needs. Designed for prospective teachers of children from infancy through grade six. Offered: Fall.

**EDUC 426 The Professional Secondary English/Language Arts Teacher (3)**

Field-based advanced preparation of secondary level language arts/English teachers as professional educators who work collaboratively with fellow teachers, principals, and supervisors within an assigned secondary level school environment in their content area. Emphasis on establishing professional habits that ensure lifelong growth as language arts/English teachers.

**EDUC 427 The Professional Secondary Mathematics Teacher (3)**

Field-based advanced preparation of secondary level mathematics teachers as professional educators who work collaboratively with fellow teachers, principals, and supervisors within an assigned secondary level school environment in their content area. Emphasis on establishing professional habits that ensure lifelong growth as mathematics teachers.

**EDUC 428 The Professional Secondary History/Social Science Teacher (3)**

Field-based advanced preparation of secondary level history/social science teachers as professional educators who work collaboratively with fellow teachers, principals, and supervisors within an assigned secondary level school environment in their content area. Emphasis on establishing professional habits that ensure lifelong growth as history/social science teachers.

**EDUC 429 The Professional Secondary French/German/Spanish Teacher (3)**

Field-based advanced preparation of secondary level French, German, or Spanish teachers as professional educators who work collaboratively with fellow teachers, principals, and supervisors within an assigned secondary level school environment in their content area. Emphasis on establishing professional habits that ensure lifelong growth as French, German, or Spanish teachers.

**EDUC 443 Creative Classroom Materials (3)**

Development of creative teaching materials that may be used in the preschool, elementary, or secondary school classroom. See advisor.

**EDUC 474 Student Teaching in the ESEC (12)**

Supervised field internship for prospective teachers of ESEC students, grades P-6.

**EDUC 475 Student Teaching Grades 6-12 (12)**

Supervised field internship for prospective teachers of middle and secondary students, grades 6-12.

# Graduate Studies - Education

## Faculty

J. Maurice Persall, Chair, Orlean Bullard Beeson Professor  
 Leslie Sturdivant Ennis, Associate Director, Associate Professor  
 Angela O. Owusu-Ansah, Associate Professor,  
 Director of Assessment for Teacher Education  
 Patricia Neill, Assistant Professor  
 Jo Beth Newton, Assistant Professor  
 Patricia F. Wood, Assistant Professor

## Graduate Programs and Requirements

### Degrees/Majors

- Master of Science in Education (M.S.E.) - Class A Certification
  - Early Childhood Education
  - Elementary Education
  - Fifth-Year Non-Traditional: Early Childhood and Elementary Education
  - Gifted Education
  - Instructional Leadership
  - Secondary Collaborative
  - Music Education\*
- Educational Specialist (Ed.S.) - Class AA Certification
  - Early Childhood Education
  - Elementary Education
  - Educational Administration
- Doctor of Education (Ed.D.)
  - Educational Leadership

Graduate programs in education are offered in five areas (early childhood education, elementary education, gifted education, instructional leadership, and secondary collaborative) and at two levels of certification: a master of science in education (M.S.E.) degree with Class A certification and an educational specialist (Ed.S.) degree with Class AA certification.

Requests for information about or applications to graduate studies should be addressed to the Chair of Graduate Studies, School of Education and Professional Studies, Samford University. This office is located in OBB Room 226. For the fifth-year non-traditional program, requests should be addressed to the Certification Officer, Department of Teacher Education, Samford University, OBB Room 322.

\*See the School of the Arts Music Division section for details on graduate music education programs.

### Graduate Admission Standard for Traditional and Fifth-Year Non-Traditional Program

#### Admission Requirements

1. Completion of application and payment of application fee.
2. Receipt of two official college transcripts.
3. Satisfactory score on Miller Analogies Test (MAT) or Graduate Record Exam (GRE) admissions test.
4. Alabama Class B or Class A certification (except for fifth-year non-traditional program).
5. Three letters of reference (character, education, employment).
6. Written critique of one article (completed on site).

Additional requirements may apply to specific programs.

### Levels of Admission

#### Formal Admission

1. Minimum GPA of 3.00 for all college work attempted.
2. Minimum of 40 on MAT (prior to October 2004) or minimum of 396 on MAT (after October 2004) or 800 on GRE.
3. Satisfactory performance on critique of article as reviewed by faculty in degree area.
4. Completion of undergraduate prerequisites (fifth-year non-traditional program only).

#### Conditional Admission

1. Completion of all but two of the required prerequisite courses (fifth-year non-traditional program only).
2. A degree applicant whose credentials do not meet the requirements for regular admission into the Orlean Bullard Beeson School of Education Graduate Studies may be considered for conditional admission by the Graduate Studies Admissions Committee. No student will be granted conditional admission status that fails to meet Alabama State Department of Education requirements for certification. The conditional status is lifted, and the status of regular admission automatically assumed, if the student maintains a grade point average of 3.50 or better during the first six hours of his/her graduate work. Failure to meet this requirement will result in the student being dropped from the program.

#### Transfer Credit

In the traditional graduate studies, a student may transfer up to six semester hours of graduate credit from an accredited four-year college or university which has a state-approved graduate program in the major and in teacher education. Transfer credits will be evaluated by the graduate studies chair for applicability to the Samford program after application to the graduate studies is received. For the interview with the chair, each graduate transfer student will be asked to bring a catalog from the college where the courses were taken. Transfer credits more than six years old will not be accepted. These policies apply to each graduate program. Please note: courses may not be transferred into the fifth-year non-traditional program or the doctoral program, nor can any courses taken for undergraduate credit be used to count toward graduate credit.

#### Graduate Tuition Scholarships

Tuition scholarships in the amount of \$87 per semester credit are available to all students at the M.S.E. and Ed.S. level who have been accepted for graduate study. These scholarships are available for courses in education throughout the year. Please note that this scholarship is not available for doctoral students.

In addition to the tuition scholarship, one or two Beeson Graduate Assistantships may be awarded each year to deserving students. Application forms may be obtained from the Department of Graduate Studies. Deadline for application is March 15. Selection is by a faculty committee.

#### Retention and Completion

Students on the M.S.E. and Ed.S. level must maintain a GPA of 3.00; students on the Ed.D. level must maintain a GPA of 3.50. All students must follow a prescribed course of study specified on their program checklist as approved by the Alabama State Department of Education. They must complete all work within six years. All graduate students in an approved program must take and pass a comprehensive examination for each certification area following completion of their coursework. All graduate students receiving initial certification must also pass the Alabama Prospective Teacher Testing Program (APTTP), which includes the appropriate PRAXIS examination. At the end of any semester, a student whose cumulative GPA falls below the required minimum (3.00 for M.S.E. and Ed.S.; 3.50 for Ed.D.) may not continue in the program. Any grade below a C- shall not be counted for credit and the course must be retaken.

#### Graduate Advisement

Frequent meetings with the graduate advisement counselor are required throughout the graduate program. Samford University complies with the requirements of the Alabama State Department of Education concerning the admission, retention, and completion of all requirements for students seeking Class A or Class AA certification.

Requests for information about or applications to graduate studies should be addressed to the Chair of Graduate Studies, Department of Graduate Studies, Samford University. This office is located in OBB Room 226.

### Master of Science in Education

The master of science in education (M.S.E.) program is open to students who hold the Class B certificate from the Alabama State Department of Education. Completion requires 30 credits beyond a bachelor's degree.

All students completing the requirements for the M.S.E. degree and meeting eligibility requirements as specified by the Alabama State Department of Education will, upon recommendation of the dean of the School of Education and Professional Studies, be eligible for the Alabama Class A certificate in the appropriate area.

#### Class A Certification - Early Childhood Education

This major is designed to give further preparation to those who meet basic certification (Class B) requirements in early childhood education (P-3). Upon successful completion of this program, the candidate is eligible for the Class A certificate in early childhood education, provided other requirements of the Alabama State Department of Education have been met. Please contact the chair of graduate studies, OBB 226, for the Class A early childhood and elementary programs.

#### Class A Certification - Elementary Education

This major is designed to give further preparation to those who are certified at the Class B level as elementary school teachers. Upon successful completion of this program the candidate is eligible for Class A certification in elementary education (K-6), provided all requirements of the Alabama State Department of Education have been met. Please contact the chair of graduate studies, OBB 226, for the Class A early childhood and elementary programs.

<b>Class A Certification Early Childhood Education OR Elementary Education Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
EDUC 509	Adv Tech-Diag/Remediation-Reading Problems	3	
EDUC 510	Instructional Adaptation for Student Diversity	3	
EDUC 513	Instructional Design-Optimal Student Learning	3	
EDUC 514	Social Dynamics and Student Learning	3	
EDUC 515	Standards-Driven Teacher Leadership	3	
EDUC 517	Effective Curriculum Design	3	
EDUC 518	Action Research: Theory and Techniques	3	
EDUC 519	Field-Based Action Research	3	
EDUC 597	Curriculum Integration of Technology	3	
	Electives (with approval of advisor)	3	
<b>Total Required Credits</b>			<b>30</b>

#### Class A Certification - Fifth-Year Non-Traditional Program: Early Childhood and Elementary Education

This program is designed for students who have earned a bachelors degree in another field and who now wish to earn a master of science in education with Class A certification. Upon successful completion of this one-year program, the candidate is eligible for Class A certification in early childhood (P-3) and elementary education (K-6), provided all requirements of the Alabama State Department of Education have been met. Please contact the Certification Officer, OBB 322, for additional information.

<b>Class A Certification - Fifth-Year Non-Traditional Program: Early Childhood &amp; Elementary Education Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
EDUC 531	Child Growth and Learning within the Educational Culture	6	
EDUC 532	Early Childhood & Elementary Ed Programs	6	
EDUC 533	The Arts: Curriculum & Instruction in the Early Childhood and Elementary Grades	8	
EDUC 534	The Sciences: Curriculum & Instruction in the Early Childhood and Elementary Grades	6	
EDUC 535	Current Issues in Education	4	
EDUC 592	Student Teaching	12	
<b>Total Required Credits</b>			<b>42</b>

### Class A Certification - Gifted Education

This major is designed to prepare teachers to become gifted specialists (P-12). Students must hold a Class B certificate from the Alabama State Department of Education. The master's degree program requires 30-33 credits. Students who have a master's degree and Class A certification in another teaching field may be able to transfer courses taken at a previous institution to meet requirements for Class A gifted certification. Any student who has not taken a survey of exceptional children course must take EDUC 510 in addition to the 30-hour master's degree program. Please contact the director of gifted education, OBB 225, for admission requirements.

<b>Class A Certification (Masters/Cert) Gifted Education Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
EDUC 574	Differentiating Instruction and Teaching the Gifted in the Regular Classroom	3	
EDUC 575	Nature and Needs of the Gifted Learner	3	
EDUC 577	Current Issues in Gifted Education Seminar	3	
EDUC 578	Curriculum Materials/Methods for the Gifted	3	
EDUC 579	Practicum in Gifted Education (Internship)	3	
EDUC 580	Developing Creative/Critical Thinking Skills	3	
EDUC 597	Curriculum Integration of Technology	3	
	Electives (with approval of advisor)	9	
<b>Total Required Credits</b>			<b>30</b>

#### Class A Certification - Instructional Leadership

This major is designed to prepare persons holding a bachelor of science in education and a Class B Alabama teaching certificate for leadership positions in P-12 schools. The master's degree program requires 30 credits. Students holding a master's degree and Class A certification in another teaching field may be able to add Class A certification in instructional leadership by completing a certification program rather than a degree program. Please contact the chair of graduate studies, OBB 226, for admission requirements.

<b>Class A Certification Instructional Leadership Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
EDUC 520	Foundations of Instructional Leadership	3	
EDUC 521	Issues in School Finance	3	
EDUC 522	Management Design for School Improvement	3	
EDUC 525	Practicum in School Improvement	3	
EDUC 526	Legal & Ethical Issues in Education	3	
EDUC 527	Internship in Instructional Leadership	3	
	Electives (with approval of advisor)	12	
<b>Total Required Credits</b>			<b>30</b>



### Class A Certification - Secondary Collaborative

This program is focused on providing a master's degree in secondary collaborative special education to teachers with a Class B certification. The program is intended to prepare future secondary special education teachers to meet the needs of students with disabilities in the general education secondary classroom.

<b>Class A Certification Secondary Collaborative* Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
EDUC 582	Issues and Trends in Special Education	3	
EDUC 585	Assessment Procedures & Processes in Special Education	3	
EDUC 586	Managing Challenging Behavior in the Classroom-A Functional Behavioral Approach	3	
EDUC 589	Methods of Differentiating Instruction in the Secondary Classroom	3	
EDUC 593	Research-Based Methods of Instruction at the Secondary Level	3	
EDUC 595	Practicum in Secondary Collaborative	3	
EDUC 597	Curriculum Integration of Technology	3	
Electives (with approval of advisor)		9	
<b>Total Required Credits</b>			<b>30</b>

### Educational Specialist

The educational specialist (Ed.S.) program is open to students who hold the Class A certificate from the Alabama State Department of Education. Its completion requires 30 credits beyond a master's degree. All students completing the requirements for the Ed.S. degree and meeting eligibility requirements as specified by the Alabama State Department of Education will, upon recommendation of the dean of the School of Education and Professional Studies, be eligible for the Alabama Class AA certificate in the appropriate area.

### Class AA Certification - Early Childhood Education

This program is designed to prepare specialists in the field of education of young children (P-3) and is open to students who hold a master's degree and Class A certification in early childhood education.

<b>Class AA Certification Early Childhood Education Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
EDUC 607	Early Childhood Exemplary Programs	3	
EDUC 622	Seminar in Instructional Leadership	3	
EDUC 623	Organizational Innovation: Strategies & Tactics	3	
EDUC 624	Learning Theories: The Pursuit of Knowledge	3	
EDUC 625	Legal and Policy Issues in Education	3	
EDUC 627	Professional Development & Mentor Training for Quality Education	3	
EDUC 628	Advanced Eval. of Teaching and Learning	3	
EDUC 629	Practicum in Quality Leadership: The Quality Improvement Analysis Project	3	
EDUC 630	Quality Improvement Practicum in Education	3	
Electives (with approval of advisor)		3	
<b>Total Required Credits</b>			<b>30</b>

Note: This program is currently under review and is subject to change.

### Class AA Certification - Elementary Education

This program is designed to prepare specialists in the field of elementary education (K-6). The program described here is for students who hold a master's degree in elementary education.

<b>Class AA Certification Elementary Education Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
EDUC 608	Elementary Education Programs	3	
EDUC 622	Seminar in Instructional Leadership	3	
EDUC 623	Organizational Innovation: Strategies and Tactics	3	
EDUC 624	Learning Theories: The Pursuit of Knowledge	3	
EDUC 625	Legal and Policy Issues in Education	3	
EDUC 627	Professional Development and Mentor Training for Quality Education	3	
EDUC 628	Advanced. Eval. of Teaching and Learning	3	
EDUC 629	Practicum in Quality Leadership: The Quality Improvement Analysis Project	3	
EDUC 630	Quality Improvement Practicum in Education	3	
Electives (with approval of advisor)		3	
<b>Total Required Credits</b>			<b>30</b>

Note: This program is currently under review and is subject to change.

### Class AA Certification - Educational Administration

This program is available to students who hold a master of science degree from a regionally accredited institution. The graduate program in educational administration is designed to prepare administrators and supervisors for public and private school leadership. Upon successful completion of this program, the candidate is eligible for Class AA certification, provided the current certification requirements of the Alabama State Department have been met. Please consult the chair of graduate studies, OBB 226, for requirements and additional information.

<b>Class AA Certification Educational Administration Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
EDUC 621	Educational Business Management	3	
EDUC 622	Seminar in Instructional Leadership	3	
EDUC 623	Organizational Innovation: Strategies & Tactics	3	
EDUC 624	Learning Theories: The Pursuit of Knowledge	3	
EDUC 625	Legal and Policy Issues in Education	3	
EDUC 626	Social Problems of Children and Youth	3	
EDUC 627	Professional Development & Mentor Training for Quality Education	3	
EDUC 628	Advanced. Eval. of Teaching and Learning	3	
EDUC 629	Practicum in Quality Leadership: The Quality Improvement Analysis Project	3	
EDUC 630	Quality Improvement Practicum in Education	3	
<b>Total Required Credits</b>			<b>30</b>

Note: This program is currently under review and is subject to change.

## Graduate Courses

### EDUC 505 Independent Study (3)

Individual research project carried out under the supervision of a faculty advisor. Permission from the dean may be required. See advisor.

### EDUC 509 Advanced Techniques for the Diagnosis and Remediation of Reading Problems (3)

Designed for teachers and/or administrators seeking the master of science in education degree in elementary/early childhood education. Focus on critical training in diagnosing and correcting a wide range of specific and general reading disabilities.

### EDUC 510 Instructional Adaptation for Student Diversity (3)

Exploration of current legal requirements, best practice in program delivery, and services for students with special needs. Special emphasis on attitudes, knowledge, and skills needed by regular education teachers for working effectively with special needs populations in the regular classroom.

### EDUC 511 Classroom Management Techniques for the Elementary Teacher (3)

Emphasis on modern classroom discipline and management techniques.

### EDUC 512 Contemporary Legal Issues for the Classroom Teacher (2-3)

Special emphasis on current legal issues that affect a variety of phases of public and private schools.

### EDUC 513 Instructional Design for Optimal Student Learning (3)

Investigation of instructional planning as related to student achievement in a seminar setting.

### EDUC 514 Social Dynamics and Student Learning (3)

Discussion of social issues as related to their impact on the child and the learning process.

### EDUC 515 Standards-Driven Teacher Leadership (3)

Design and implementation of classroom and school improvement plans with emphasis on "best practices" for increasing student achievement in the elementary school.

### EDUC 516 Instructional Design for Active Learning (3)

Discussion of current research linking active learning strategies to authentic learning and retention of knowledge. Focus on implementing active learning strategies in the classroom.

### EDUC 517 Effective Curriculum Design (3)

Development of teachers who are able to make reflective decisions about the design, development, and implementation of curricula, including creation of learning environments that support learning for all students to a high degree of proficiency.

### EDUC 518 Action Research: Theory and Techniques (3)

Designed to provide graduate students an opportunity to formulate a research proposal, and implement and evaluate a special research project which focuses upon improving teaching and learning in diverse early childhood and elementary classrooms.

### EDUC 519 Field-Based Action Research (3)

Implementation of action research and evaluation of a special research project—based on data collected for the research proposal developed in EDUC 518—which focuses upon improving teaching and learning in diverse early childhood and elementary classrooms. Prereq: EDUC 518.

### EDUC 520 Foundations of Instructional Leadership (3)

Overview of the work required of an instructional leader with emphasis on specific skills used to create professional learning communities.

### EDUC 521 Issues in School Finance (3)

Study of the economic factors relative to the financing of public schools. Involves in-depth study of taxation, state school finance systems, impact of school finance litigation, budgeting processes, and current/emerging issues in school finance policy.

### EDUC 522 Management Design for School Improvement (3)

Exploration of enhanced learning through effective, efficient, and equitable utilization of resources and organizations used to create a learning environment conducive to school success.

### EDUC 525 Practicum in School Improvement (3)

Purposeful "hands-on" experiences designed to prepare students to lead the essential work of school improvement. Leadership skills are developed through studying the key concepts and skills used by effective leaders, by observing effective models, and by experiencing one's own trial and error in the workplace.

### EDUC 526 Legal and Ethical Issues in Education (3)

Overview of how public education is organized and operated and how local, state, and federal laws have played a role in establishing school policies and practices consistent with current legal and ethical standards.

### EDUC 527 Internship in Instructional Leadership (3)

Completion of an explicit set of school-based assignments that progress from observing to participating in and then leading activities related to curriculum, instruction, and student achievement.

### EDUC 529 Program Design for School Improvement (3)

Identification of strategies that successfully address barriers to learning, and implementation of these strategies in diverse K-12 classrooms.

### EDUC 531 Child Growth and Learning within the Educational Culture (6)

Integrated course of study within historical educational periods regarding interrelationships among educational systems, developmental concerns, and the learning domain culminating in the use of a case study to help train teachers to be better problem-solvers.

### EDUC 532 Early Childhood and Elementary Education Programs (6)

Emphasis on the study of exemplary early childhood and elementary programs. Examination of developmentally appropriate curricula design, implementation, and assessment for infant and toddler, preschool, kindergarten, primary and elementary programs.

### EDUC 533 The Arts: Curriculum and Instruction in the Early Childhood and Elementary Grades (8)

Integrated course of study dealing with the teaching of reading, diagnosis, and remediation of reading problems, language arts, and fine arts.

### EDUC 534 The Sciences: Curriculum and Instruction in the Early Childhood and Elementary Grades (6)

Integrated course of study dealing with the teaching of mathematics, natural and physical sciences, and social studies. Primary components include curriculum design, educational assessment, case studies, and media/technology.

### EDUC 535 Current Issues in Education (4)

Review of emerging issues impacting schools and classrooms, and how to acquire the skills needed to participate effectively in creating an effective educational improvement. Focus on educational reform and restructuring, the impact of technological change on the classroom of the future, the impact of the standards movement on classroom instruction, dealing with controversial issues and special interest groups, reflective decision-making with a multicultural emphasis, and legal issues that affect the classroom teacher.

### EDUC 546 Teaching Reading in the Content Area (3)

Overview of philosophies and methods of teaching reading skills in the middle and high school. Music education majors only. Co-req: EDUC 329

### EDUC 574 Differentiating Instruction and Teaching the Gifted in the Regular Classroom (3)

Emphasis on developing differentiated curriculum and instructional strategies for meeting the needs of gifted learners in general education classrooms.

### EDUC 575 Nature and Needs of the Gifted Learner (3)

Survey course examining the characteristics and identification of gifted and talented learners, developing gifted education programs, and special issues regarding gifted learners.

**EDUC 577 Current Issues in Gifted Education Seminar (3)**

Discussion of current issues in gifted education, such as academic and social-emotional needs of special populations of gifted learners.

**EDUC 578 Curriculum Materials and Methods for the Gifted (3)**

Development of curriculum materials and instructional strategies appropriate for gifted and talented learners.

**EDUC 579 Practicum in Gifted Education (3)**

Field experience in developing and delivering appropriate gifted education services in schools. Includes reflective seminars for reviewing and evaluating internship experiences. Practicum experiences are conducted in student's school/district. Prereqs: EDUC 574, 575, 577, 578, and 580.

**EDUC 580 Developing Creative and Critical Thinking Skills (3)**

Exploration of personal creative and critical thinking processes, with focus on integrating creative and critical thinking in the classroom.

**EDUC 582 Issues and Trends in Special Education (3)**

Overview of current practices in special education. Reviews appropriate methods of accommodating and modifying instruction to meet the needs of students with disabilities in general education classrooms.

**EDUC 585 Assessment Procedures & Processes in Special Education (3)**

Overview of the current processes and procedures in place for referral, assessment, placement, and reevaluation in special education. Prereq: EDUC 582.

**EDUC 586 Managing Challenging Behavior in the Classroom: A Functional Behavioral Approach (3)**

Examination of individualized behavioral management using a functional behavioral approach. Outlines the principles of applied behavioral analysis and how to apply those principles in the classroom. Prereq: EDUC 582.

**EDUC 589 Methods of Differentiating Instruction in the Secondary Classroom (3)**

Overview of the strategies, content enhancement routines, and effective instructional methods in a variety of content areas for teaching students with disabilities in the secondary classroom. Prereq: EDUC 582.

**EDUC 592 Student Teaching (12)**

(Fifth-Year Non-Traditional) Supervised field internship for prospective teachers in early childhood and elementary, grades P-6.

**EDUC 593 Research-Based Methods of Instruction at the Secondary Level (3)**

Research-based methods of instruction for secondary level teachers who hold Class B certification in their respective content areas and who seek collaborative secondary teacher certification at the master's level. Prereq: EDUC 582.

**EDUC 595 Practicum in Secondary Collaborative (3)**

Application of experiences learned in all prior secondary collaborative coursework to the practicum coursework. Prereqs: EDUC 582, 585, 586, 589, and 593.

**EDUC 596 Current and Emerging Instructional Technologies (3)**

Additional review of computer-based instructional technologies as they are applied in the educational environment. Includes opportunities for teachers to become reflective decision makers as they explore opportunities in the classroom.

**EDUC 597 Curriculum Integration of Technology (3)**

Expanded review of computer-based instructional technologies as they are applied in the educational environment. Includes opportunities for teachers to become reflective decision makers as they develop the necessary skills to infuse technology into the curriculum.

*NOTE: Courses numbered 600 or above are open to post-master's degree students.*

**EDUC 607 Early Childhood Exemplary Programs (3)**

Investigation of the characteristics of exemplary programs in early childhood education. Includes study of models of current outstanding programs.

**EDUC 608 Elementary Exemplary Programs (3)**

Investigation of the characteristics of exemplary programs in elementary education. Includes study of models of current outstanding programs.

**EDUC 620 Practicum in Quality Leadership: Theory and Application of School Improvement Processes (3)**

Review of knowledge and skills necessary to lead a school in the process of continuous improvement. Includes instruction in the tools and techniques of school improvement planning using concepts from continuous quality improvement and from professional learning communities. Students plan and implement a school improvement project in their school and/or classroom that engages them in the practical application of the theories and concepts of professional learning communities.

**EDUC 621 Educational Business Management: Strategic Planning and Policy Analysis (3)**

Development of skills and understanding necessary for successful management of educational enterprise. Focus on study of re-engineering organizations, strategic planning and decision making, the economics of education, finance and taxation, including the issues of equity and adequacy, the use of technology in managing the educational organization, and creating customer-focused schools and school systems.

**EDUC 622 Seminar in Instructional Leadership (3)**

Development of expertise as leaders of a collaborative planning process in which reflective decisions are made for the improvement of school designing, developing, and implementing school programs that support the learning of all students to a high degree of proficiency.

**EDUC 623 Organizational Innovation: Strategies and Tactics (3)**

In-depth study into the processes involved, and the skills required, to lead change in complex organizations. Emphasis on inquiry into organizational culture, group leadership, conflict management, and administrator-staff relationships.

**EDUC 624 Learning Theories: The Pursuit of Knowledge (3)**

Study of contemporary theories of learning so that reflective decisions made about the design and development of school programs are grounded in research-based conceptions of learning and the developmental nature of learners.

**EDUC 625 Legal and Policy Issues in Education (3)**

In-depth study of legal and policy issues inherent in instructional, non-instructional, and administrative positions throughout the education profession. Special attention given to legal and policy issues in the field of special education, personnel, policy development, and specific political issues that impact upon the role and direction of education in America.

**EDUC 626 Social Problems of Children and Youth (3)**

Examination of appropriate solutions for social problems of children and youth which contribute to behavioral and learning difficulties. Emphasis on using acquired knowledge to reflect upon possible causes and solutions and to make informed decisions which will assist students and parents to deal successfully with societal forces.

**EDUC 627 Professional Development and Mentor Training for Quality Education (3)**

Preparation for those who want to become effective mentors, providing guidance and professional support. Emphasis on reflective decision making concerning the strengths and needs of the mentoree.

**EDUC 628 Advanced Evaluation of Teaching and Learning (3)**

Review of methods of research especially suited for active involvement of practicing school administrators in scientific inquiry related to school problems. Emphasis on stimulating school leaders to think reflectively about current problems facing American schools at all levels, the methods available for collecting data about these problems, and how to seek solutions.

### **EDUC 629 Practicum in Quality Leadership: The Quality Improvement Analysis Project (3)**

Participation in a school improvement project utilizing tools of the total quality education process. Emphasis on continuous improvement, identification of the customer/supplier relationship as applied to an education setting, working cooperatively in teams, and utilizing data in solving problems.

### **EDUC 630 Quality Improvement Practicum in Education (3)**

Using concepts and tools learned in EDUC 629, students improve a process in a K-12 school or system and develop a plan to improve a curricular/instructional system for better student learning.

### **EDUC 636 Formative Leadership Theory (3)**

Exploration and development of knowledge, skills, attitudes, and competencies required for successful leadership in twenty-first century organizations. Learning activities include study of the theoretical basis for formative leadership and application of principles in a clinical setting.

### **EDUC 681 Research in Certification Field (3)**

Expansion of research skills already developed in student's certification area(s). Development, implementation, and reporting of original research required.

## **Doctor of Education in Educational Leadership (Ed.D.)**

### **Curriculum**

The Ed.D. program requires 60 semester credits above the master of science degree. Students first complete a 30-credit educational specialist program and then begin 30 credits of coursework for the Ed.D. degree. The coursework is organized in the following five categories as recommended by the National Council for the Accreditation of Teacher Education (NCATE):

1. Instructional Leadership
2. Strategic Leadership
3. Organizational Leadership
4. Political and Community Leadership
5. Field-Based Research

A program leading to the doctor of education (Ed.D.) degree is offered in the area of educational leadership. The doctoral program is designed for students interested in leadership issues, as applied to educational institutions. A master of science degree from an accredited institution is required for admission along with other criteria designed to select those students who provide evidence of previous academic success, exhibit leadership skills, have excellent teaching and/or administrative abilities, and show creative energy for solving educational problems.

Admission decisions will be based on a combined evaluation of the candidate's GPA or previous graduate work, qualifying scores on the MAT or the GRE, results of a writing sample, written recommendations, and a personal interview. The following requirements are required for admittance:

1. The candidate shall have earned a master of science degree from an accredited college or university.
2. The candidate shall have earned a 3.70 GPA on all previous graduate work.
3. The candidate shall have scored a minimum of 46 on the MAT (prior to October 2004) or a minimum of 400 (after October 2004) or 1000 (combined verbal and quantitative) on the GRE.
4. Each candidate shall submit writing samples for the purpose of assessing the candidate's ability to meet graduate school standards.
5. Each candidate must be recommended by his/her immediate supervisor (superintendent, principal) or by a professor knowledgeable of the student's previous academic and/or work experience.
6. Each candidate must submit a minimum of two additional references, one of which shall be a peer or professional colleague and the other a person knowledgeable of the candidate's character.
7. Each candidate will participate in an interview with the cohort mentor team for the purpose of assessing the candidate's leadership abilities and motivation for graduate work.

Admission to the program will be competitive. Decisions will be based on advice from the cohort mentor team and the candidate's ability to meet admission criteria.

## **Doctoral-Level Courses**

### **EDLD 731 Educational Policy Development and Analysis: The Political Dimension of Schooling (3)**

Examination of the factors that influence the development of school and school system policy. Exploration of the origin of policy issues, the educational policy infrastructure, and the interrelationship of educational policy to school practice, with particular emphasis on the political process as the major driving force in the policy-making arena.

### **EDLD 732 Foundations of Educational Inquiry (3)**

Development of skills in designing and implementing research methodologies, reading and interpreting research reports, and developing strategies for converting research into action. Students develop an awareness of, and appreciation for, educational research as a tool for advancing the educational renewal agenda.

### Ed.D. in Educational Leadership

An Ed.S. in Educational Administration (top table) must be completed before a prospective student may be admitted to the Ed.D. Program in Educational Leadership (bottom table).

<b>Ed.S. Program Educational Administration Courses Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
EDUC 621	Educational Business Management	3	
EDUC 622	Seminar in Instructional Leadership	3	
EDUC 623	Organizational Innovation: Strategies & Tactics	3	
EDUC 624	Learning Theories: The Pursuit of Knowledge	3	
EDUC 625	Legal and Policy Issues in Education	3	
EDUC 626	Social Problems of Children and Youth	3	
EDUC 627	Professional Development & Mentor Training for Quality Education	3	
EDUC 628	Advanced. Eval. of Teaching and Learning	3	
EDUC 629	Practicum in Quality Leadership: The Quality Improvement Analysis Project	3	
EDUC 630	Quality Improvement Practicum in Education	3	
<b>Total Required Credits</b>			<b>30</b>

<b>Ed.D. Program Educational Leadership Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Educational Leadership Core</b>			<b>27</b>
EDLD 731	Educational Policy Development & Analysis: The Political Dimension of Schooling	3	
EDLD 732	Foundations of Educational Inquiry	3	
EDLD 733	Field-Based Inquiry: Authentic Problems of Practice	3	
EDLD 734	Strategic Planning	3	
EDLD 735	Ethical Issues in Education: The Moral Dimension of Schooling	3	
EDLD 737	Organizational Dynamics: Creating the School of the Future	3	
EDLD 739	Foundations of Qualitative Inquiry	3	
EDLD 741	Directed Doctoral Study	2	
EDLD 743	Seminar in Educational Leadership	1	
EDLD 744	The Emerging School Superintendency: The Practice of Paradoxical Leadership	3	
<b>Educational Leadership Elective</b> (Take one of the following as determined by the program director)			<b>3</b>
EDLD 738	The Learning Organization	3	
EDLD 745	The Art & Practice of Negotiation and Conflict Resolution	3	
<b>Total Required Credits</b>			<b>30</b>

### EDLD 733 Field-Based Inquiry: Authentic Problems of Practice (3)

Examination of authentic problems of practice in a clinical and/or field-based environment. Through this hands-on clinical process, students demonstrate leadership, administrative and management skills, and develop their ability to function effectively as a member of a learning team. Students learn inquiry and research skills as they conduct studies on authentic problems of practice that have direct relationship to the school leader's job.

### EDLD 734 Strategic Planning (3)

Review of the skills and understanding necessary for successful management of the educational enterprise. Focus on a study of re-engineering organizations, strategic planning and decision making, the use of technology in managing the educational organization, and creating customer-focused schools and school systems.

### EDLD 735 Ethical Issues in Education: The Moral Dimension of Schooling (3)

Study of ethical and moral theory and consideration of school administration as a moral activity. Central focus on helping students articulate an explicit set of values and beliefs to guide their actions. Religious, economic, social, and cultural issues that affect expectations about schooling are explored in an effort to help school administrators understand that all administrative decisions have ethical implications.

### EDLD 737 Organizational Dynamics: Creating the School of the Future (3)

Investigation of emerging organizational behavior theory and its application to the development of the school and school system of the future. Major emphasis on the concept of building human capital as central to managing organizational behavior in education.

### EDLD 738 The Learning Organization (3)

Exploration of the art and practice of learning organizations as applied to educational institutions. Students are provided with the knowledge needed to develop their skills in leading schools by taking a learning orientation as the major strategy for educational reform.

### EDLD 739 Foundation of Qualitative Inquiry (3)

Introduction to qualitative inquiry, including an understanding of qualitative research methods and guidance in designing and implementing a qualitative research project. Includes opportunity to design and implement a qualitative study through guided instructions.

### EDLD 741 Directed Doctoral Study (2)

Directed doctoral study provides the student with optimal support and direction in his/her dissertation research. The director of the dissertation and the student's dissertation committee provide ongoing supervision and assistance for completion of the dissertation phase of the student's doctoral program.

### EDLD 742 Dissertation Research (1)

Additional support and direction in the completion of doctoral research. Student works with the dissertation committee to complete research, data analysis, dissertation writing, and dissertation debate. Grading is pass/fail only.

### EDLD 743 Seminar in Educational Leadership (1)

Doctoral students are provided additional opportunities to explore current political, economic, and social issues that impact the governance of education. Students read and discuss current literature and interact with leaders from education, business, and governmental agencies.

### EDLD 744 The Emerging School Superintendency: The Practice of Paradoxical Leadership (3)

In-depth study of the major tasks and related activities of school superintendents. Students are provided opportunities to study complex issues driving the changing role of school superintendents. Problem-based learning, case study analysis, and action research are also used to develop the skills necessary for leading a complex organization operating in a chaotic environment.

### EDLD 745 The Art and Practice of Negotiation & Conflict Resolution (3)

Focuses on strategies of negotiation and conflict resolution such as managing organizational issues and conflicts, avoiding litigation, mediating differences, defusing crises, and dealing with difficult individuals.

# Cumberland School of Law



## Administration

John L. Carroll, Dean, Ethel P. Malugen Professor  
Henry C. Strickland, Associate Dean, Professor  
James N. Lewis, Jr., Vice Dean  
LaVone R. Warren, Assistant Dean, Assistant Professor  
Jennifer Y. Sims, Assistant Dean of Admissions  
Cassandra Adams, Director, Cumberland Community Mediation Center  
Patricia C. Harris, Director of Law Student Records  
Gregory K. Laughlin, Director of Lucille Beeson Law Library, Associate Professor  
Mary T. Miller, Director of Alumni Relations  
Michael David Manasco, Serials Librarian  
Patricia G. Muse, Director of Continuing Legal Education  
Pamela J. Nelson, Director of Student Services  
Jeffrey B. Price, Director of Career Services  
Jeffrey M. Whitcomb, Technology Services Manager

## Faculty

Joseph W. Blackburn, Whelan W. and Rosalie T. Palmer Professor  
Robert J. Goodwin, J. Russell McElroy Professor  
David M. Smolin, Harwell G. Davis Professor of Constitutional Law  
T. Brad Bishop, Professor  
Michael E. DeBow, Professor  
Brannon P. Denning, Professor  
Jill E. Evans, Professor  
Michael D. Floyd, Professor  
Paul Kuruk, Professor  
Edward C. Martin, Professor  
Leonard J. Nelson, Professor  
William G. Ross, Professor  
Joseph A. Snoe, Professor  
R. Thomas Stone, Jr., Professor  
Howard P. Walthall, Professor  
Deborah Young, Professor  
Donald O. Cochran, Associate Professor  
Alyssa A. DiRusso, Associate Professor  
Lajuana S. Davis, Assistant Professor  
Doris "Wendy" Greene, Assistant Professor  
Dayna B. Royal, Assistant Professor  
Belle H. Stoddard, Assistant Professor  
David J. Langum, Research Professor  
A. Robert Greene, Visiting Assistant Professor

Cumberland School of Law, founded in 1847 as part of Cumberland University in Lebanon, Tennessee, was acquired by Howard College, now Samford University, in 1961. The Law School is accredited by the American Bar Association and is a member of the Association of American Law Schools.

The Cumberland School of Law offers two degree programs. The core program is a 90-credit course of study leading to a Juris Doctor (J.D.) degree. In addition to the J.D. program, the Law School offers a Master of Comparative Law (M.C.L.). To apply to the J.D. program, an undergraduate degree and a satisfactory Law School Admissions Test (LSAT) score are required. Admission is competitive.

The Law School sponsors seven joint-degree programs in connection with the J.D. degree: Law/Accounting (J.D./M.Acc.), Law/Business Administration (J.D./M.B.A.), Law/Divinity (J.D./M.Div.), Law/Environmental Management (J.D./M.S.E.M.), Law/Public Administration (J.D./M.P.A.), Law/Public Health (J.D./M.P.H.), and Law/Theological Studies (J.D./M.T.S.).

Cumberland School of Law offers a program that prepares students for satisfying and rewarding careers in the law. Most Cumberland graduates become practicing attorneys, but many choose public service, business, or other careers for which the study of law provides a good foundation. Many Cumberland graduates settle in the Southeast, but the school has alumni living and working in more than 46 states and a number of foreign countries.

The environment is both challenging and nurturing. Cumberland offers everything required for a first-rate legal education. The faculty are drawn from two dozen of the country's best law schools. They bring to the classroom a rich mix of academic achievement, experience in the practice of law, and public service. They are committed to excellence in the classroom. They also produce an impressive amount of scholarship, ranging from the practical to the theoretical. The size of the school and a low student/faculty ratio facilitate meaningful interaction between the students and the faculty.

The beautiful Samford campus provides an environment most conducive to the study of law. In particular, the School of Law benefits from its state-of-the-art research facility, the Lucille Stewart Beeson Law Library.

The school enjoys a cordial relationship with the outstanding bench and bar in Birmingham and throughout the Southeast. Each year, Cumberland hosts a number of events, bringing to campus some of the country's leading lawyers, judges, and legal academics to share their experiences and ideas with students and faculty. The school supports numerous activities, journals, moot courts, trial competitions, and student organizations focused on particular areas of the law or public policy, which enrich the quality of life at the school and help equip students for the professional lives awaiting them on graduation.

For additional information, you may contact our admissions office:

Office of Admission  
Cumberland School of Law  
Samford University  
Birmingham, Alabama 35229  
Tel: (205)726-2702 or (800)888-7213  
E-mail: law.admissions@samford.edu

The M.C.L. program is a graduate law program. Enrollment is limited to students who have earned their first law degree outside the United States. For further information about this program, please contact Professor Michael D. Floyd, the program director. More information is available at the law school's Web site: <http://cumberland.samford.edu>.

### CUMBERLAND SCHOOL OF LAW TUITION AND FEES FOR ACADEMIC YEAR 2009-2010

Description of Expense	Student Classification	Payment Regulations	Expense	Payment Due Date (1)
<b>Tuition</b>				
Less than 10 credits	Part-time Law Students	Deposit nonrefundable See Refund Policies	\$970/credit (Sum 2009) \$1,033/credit (beg Fall 09)	\$250 initial deposit due April 1*; \$750 deposit due June 15; remainder on or before e-bill payment due date**
10 to 16 credits	Full-time Law Students	Deposit nonrefundable See Refund Policies	\$15,739/semester	\$250 initial deposit due April 1*; \$750 deposit due June 15; remainder on or before e-bill payment due date**
More than 16 credits	Full-time Law Students		\$970/credit (Sum 2009) \$1,033/credit (beg Fall 09)	\$250 initial deposit due April 1*; \$750 deposit due June 15; remainder on or before e-bill payment due date**
Joint Degree	Joint Degree Law Students	See Refund Policies	By Classification	On or before e-bill payment due date
Full-Time	Second-Year and Third-Year Law Students		\$970/credit (Sum 2009) \$1,033/credit (beg Fall 09)	
Summer Term	Comprehensive Entering Law Admitted for Fall Term		\$4,928 (Sum 2009) \$5,248 (beg Fall 2009)	\$250 initial deposit due April 1*; \$750 deposit waived**
Summer Abroad Program	All Law Students	Deposit nonrefundable See Refund Policies	\$3,000 (Sum 2009) \$3,500 (Sum 2010)	
Master of Comparative Law (M.C.L.)	Graduate Law Students	Deposit nonrefundable See Refund Policies	\$4,500 (Sum 2009) \$4,792 (beg Fall 2009)	
<b>Fees</b>				
Application Fee for Law School Admission	All Law Students	Nonrefundable	\$50	At time of application submission
Reapplication Fee	All Law Students	Nonrefundable	\$50	At time of reapplication submission
Technology Fee - Summer	All Law Students	Nonrefundable	\$30/term	On or before e-bill payment due date
Technology Fee - Fall, Spring	All Law Students	Nonrefundable	\$110/semester	On or before e-bill payment due date
Books and Supplies	All Law Flex (8 hrs) Students		\$1,000 (estimate)	Cash/check/credit card at time of purchase
Books and Supplies	All Law Flex (9 hrs) Students		\$1,000 (estimate)	Cash/check/credit card at time of purchase
Books and Supplies	All Law Fall/Spring Students		\$2,000 (estimate)	Cash/check/credit card at time of purchase

\* Initial tuition deposit for 2009-10: \$250 (due approx Apr 1).

\*\* Additional tuition deposit for 2009-10: \$750 (due approx Jun 15).

NOTE: See p. 34 for a list of General Miscellaneous Fees that apply to ALL students.

SPECIAL NOTE: Fees are subject to change without notice. See the Bursar's Office Web site for the latest tuition and fee info: [www.samford.edu/admin/bursar/fees.html](http://www.samford.edu/admin/bursar/fees.html)

(1) Charges incurred after the e-bill has been generated for the semester/term are due on or before the e-bill due date (see Payment Schedule on p. 34 for e-bill generation and payment due dates). Charges incurred during the drop/add period are due when incurred. Classes may be canceled for non-payment.

NOTE: Fall Semester: First-year payment due on or before e-bill payment due date.

Second-year and third-year payments due on or before e-bill payment due date.

Spring Semester/Summer: Payment due on or before e-bill payment due date.

# Ida V. Moffett School of Nursing



*“Caring is the shining thread  
of gold that holds together  
the tapestry of life.”*

*Mrs. Ida V. Moffett*







## Administration

Nena F. Sanders, Ralph W. Beeson Dean and Professor  
 Jane S. Martin, Associate Dean, Graduate Program, Professor  
 Joy H. Whatley, Associate Dean, Undergraduate Program, Professor  
 Mary C. Karlet, Chair, Nurse Anesthesia, Associate Professor  
 Gretchen S. McDaniel, Director, NurCE, Professor  
 Amy C. Snow, Director, Clinical Services, Nurse Anesthesia, Instructor

## Faculty

Janet G. Alexander, Professor  
 Geri W. Beers, Professor  
 Margaret P. Findlay, Professor  
 Arlene N. Hayne, Professor  
 Sharron P. Schlosser, Professor  
 Jennifer J. Coleman, Associate Professor  
 Cynthia G. Berry, Assistant Professor  
 Judy Ann Bourrand, Assistant Professor  
 Terri M. Cahoon, Assistant Professor  
 Jill L. Cunningham, Assistant Professor  
 Wendy W. Kendrick, Assistant Professor  
 Elaine M. Marshall, Assistant Professor  
 Barbara J. Money, Assistant Professor  
 Jillyn N. Pence, Assistant Professor  
 Leigh Ann Poole, Assistant Professor  
 Vicki W. Rochester, Assistant Professor  
 Susan G. Sheffield, Assistant Professor  
 Judith A. Vinzant, Assistant Professor  
 Rebecca Warr, Assistant Professor  
 Eva A. Hardy, Instructor  
 Julie A. Head, Instructor  
 Erin E. Killingsworth, Instructor  
 John D. Lundeen, Instructor  
 Lora R. Shelton, Instructor  
 Jennifer Bondurant Steele, Instructor

## History

The Ida V. Moffett School of Nursing was founded as a hospital diploma program in 1922. In 1955, it was the first program in the state of Alabama accredited by the National League for Nursing (NLN). The program transferred to Samford University in 1973 following a merger agreement with Baptist Medical Centers to offer associate and baccalaureate degrees. In 1988, the school moved into new facilities on the Samford campus. In 1995, the school began a master of science in nursing degree program. The associate of science in nursing degree program closed in 2000. Currently, the Ida V. Moffett School of Nursing offers programs that meet the requirements for the bachelor of science in nursing degree, the master of science in nursing degree, and the doctor of nursing practice degree.

## Accreditation and Approval

The Ida V. Moffett School of Nursing's baccalaureate and master's degree programs are accredited by The Commission on Collegiate Nursing Education (CCNE), One Dupont Circle NW, Suite 530, Washington, DC 20036-1120; telephone (202) 887-6791. In addition, the nurse anesthesia program is accredited by the Council on Accreditation of Nurse Anesthesia Educational Programs (COA), 222 South Prospect Avenue, Suite 304, Park Ridge, Illinois, 60068-4010; telephone (847) 692-7050. The School of Nursing is also approved by the Alabama Board of Nursing.

## Curricular Options

The Ida V. Moffett School of Nursing offers a unique curricular approach, which allows students several choices in pursuing their nursing education. These options are:

**Bachelor of Science in Nursing (B.S.N.):** The goal of nursing is directing, maintaining, and reinforcing the adaptation of individuals, families, and groups toward optimal health. Students enrolled in the B.S.N. program in the School of Nursing are prepared to meet this goal as they use knowledge, critical thinking skills and practice skills obtained from both nursing and liberal arts to provide professional care in a variety of settings. Upon completion of this program, the student is eligible to write the licensing examination for registered nurses (NCLEX-RN).

**Accelerated Second Degree B.S.N.:** The accelerated second degree B.S.N. is a 15 month program for individuals who already hold a baccalaureate degree in a field of study other than nursing. Upon graduation with the B.S.N. degree, the graduate is eligible to write the licensing examination for registered nurses (NCLEX-RN).

**Second Degree B.S.N.:** The second degree B.S.N. program is a five-semester program for individuals who already hold a baccalaureate degree in a field of study other than nursing. Upon graduation with the B.S.N. degree, the graduate is eligible to write the licensing examination for registered nurses (NCLEX-RN).

**Master of Science in Nursing (M.S.N.):** The M.S.N. program prepares advanced practice nurses in a variety of specialty areas. Graduates are prepared as family nurse practitioners, nurse anesthetists, nurse educators, nurse managers, and nurse administrators.

**RN to M.S.N.:** The RN-M.S.N. option provides an opportunity for associate degree and diploma-prepared nurses to obtain the M.S.N. The curriculum is flexible and recognizes the diversity of the students enrolled.

**Post-Master of Science in Nursing Certificate:** The post master's certificate is available to those who already possess the M.S.N. degree but who wish to receive additional graduate level instruction.

**Doctor of Nursing Practice (D.N.P.):** The D.N.P. program will prepare clinicians (nurse practitioners, nurse anesthetists, and clinical nurse specialists) and nurse administrators and educators for leadership roles, evidence-based practice, and to fully implement the emerging science and practice innovations in health care.

## Program Goals

The goals of the Ida V. Moffett School of Nursing are as follows:

1. Recruit qualified nurse educators and staff who are committed to the mission and philosophy of Samford University and the Ida V. Moffett School of Nursing.
2. Promote professional development of faculty through mentoring and collegial relationships and administrative support.
3. Recruit and retain qualified students who have demonstrated high standards of scholarship, outstanding personal character, and serious educational aims.
4. Maintain a qualified and diversified student body by mentoring students and providing financial aid support.
5. Provide an environment that promotes scholarship, critical thinking, and responsiveness to community needs.
6. Create a Christian environment in which diverse student populations may develop an academic and social network that supports their uniqueness and promotes professionalism and lifelong learning.
7. Integrate the liberal arts, sciences, and professional nursing education in order for graduates to make positive contributions to society.
8. Develop individuals who are competent in the application of knowledge and skills and who possess values and attitudes consistent with the nursing profession.
9. Prepare graduates to contribute to the advancement of professional nursing and the improvement of the health care system.

## Code of Ethical and Professional Conduct

Students in the School of Nursing must adhere to standards of conduct specified in the Samford University *Student Handbook* as well as the Samford University *Student Guide to Academic Integrity*, and certain standards of behavior appropriate for all health professionals. Students shall comply with legal, moral, and legislative standards that determine acceptable behavior of the nurse. Noncompliance may be cause for suspension/dismissal from the nursing school and denial of permission by the Alabama Board of Nursing to take the NCLEX-RN Examination.

Students documented to have demonstrated unethical, unprofessional, or unsafe conduct merit immediate probation or dismissal from the nursing school. Grievances, which result from students failing to adhere to appropriate personal and professional conduct, will be considered by utilizing the grievance process in the Ida V. Moffett School of Nursing *Student Handbook* and the University Catalog.

## School of Nursing Expenses

In addition to tuition, fees, and room and board costs (as described in this catalog), other costs are involved in beginning nursing courses. Costs include uniforms, books, medical equipment, yearly physical examinations, required immunizations, required drug testing, and required health insurance. Additional expenses for undergraduates include costs associated with application for licensure, and may include costs for the School of Nursing pin.

Graduate students who are enrolled in specialty tracks can expect additional expenses. These include certification examination fees, computer products, and specific software programs. For further information, contact the Graduate Program Office. Students are responsible for providing transportation between campuses and clinical agencies for scheduled classes.

## Liability/Personal Health Insurance

Personal health insurance is required for both undergraduate and graduate students; evidence of coverage must be presented. Personal liability insurance for clinical practice, while not required, is highly recommended for all undergraduate nursing students. Professional liability insurance is required for all graduate students.

## Clinical Resources

Clinical experiences for the School of Nursing are provided in the following facilities: Baptist Health System, Children's Hospital of Alabama, Brookwood Medical Center, other area hospitals, and selected community health clinics. All clinical facilities are accredited by the appropriate agencies. In addition, a wide variety of agencies are utilized for graduate student experiences including, but not limited to primary care facilities, schools of nursing, acute care facilities, and managed care organizations.

## Required Health Data

The student must have completed and submitted all necessary documentation required by the University, the School of Nursing, and all clinical agencies before entering the clinical area. If these requirements have not been met and documented by the day of clinical orientation, the student will receive a failure for clinical for the semester or he/she can withdraw without academic penalty and will not be allowed to re-enroll until the following semester. The following health data must be currently on file:

1. **Health Form:** Prior to entering the clinical area, the undergraduate student must have a **health form (updated yearly) on file in the School of Nursing**. Graduate students must also have this form on file to register for classes.
2. **Basic Life Support (BLS) Certification:** BLS is a requirement for all clinical nursing courses. **Certification must be updated every two years**. This certification must be obtained through the American Heart Association. This certification must include one-rescuer and two-rescuer cardiopulmonary resuscitation (CPR) of adult, child, and infant. Evidence of a current card issued by the American Heart Association is required for the student's permanent file in the School of Nursing.
3. **Rubella immunity:** Each student must submit evidence of rubella immunity.
4. **Varicella (Chicken Pox):** Students who have not had the chicken pox must complete the two-step varicella vaccine prior to completing the first clinical course in order to progress to the second clinical nursing course. If a student refuses the vaccine, a waiver must be completed, signed, and a copy filed in the School of Nursing.
5. **Hepatitis B:** The School of Nursing requires each student to take the Hepatitis B vaccine. Student Health Services offers the vaccine, or the student may consult a physician or local health department for the vaccination. If a student refuses the vaccination series, a waiver form must be completed, signed, and a copy filed in the nursing school.
6. **Mantoux Tuberculin Skin Test:** The School of Nursing requires each student to have a Mantoux tuberculin skin test **annually**. Students who test positive must meet current CDC guidelines regarding annual chest x-rays.

**7. Drug Testing and Background Checks:** All students are required to submit to drug testing and a background check prior to beginning clinical nursing. Additionally, students may be tested if drug abuse is suspected. Students are responsible for all costs associated with the drug test and background check. (See *School of Nursing Student Handbook for Substance Abuse Policy and Procedure.*)

**8. Additional Requirements:** Clinical agencies may place additional health requirements on students affiliating with that agency. Clinical instructors will notify students when applicable.

## Undergraduate Programs and Requirements

### Majors

Nursing

Nursing (Second Degree B.S.N.)

The goal of nursing is directing, maintaining, and reinforcing the adaptation of individuals, families, and groups toward optimal health. Students enrolled in the bachelor of science in nursing (B.S.N.) program in the Ida V. Moffett School of Nursing are prepared to meet this goal as they use knowledge, critical thinking skills, and practice skills obtained from both nursing and liberal arts to provide professional care in a variety of settings. Upon completion of this program, the student is eligible to write the licensing examination for registered nurses (NCLEX-RN).

The accelerated 15-month second degree B.S.N. or the five-semester second degree B.S.N. is an opportunity for individuals who already hold a baccalaureate degree in a field of study other than nursing. Upon graduation with a B.S.N. degree, the student is eligible to write the licensing examination for registered nurses (NCLEX-RN).

### Admission Policies

All prospective undergraduate students who desire to enter the Ida V. Moffett School of Nursing must:

1. Be accepted for admission to Samford University.
2. Complete an application to the School of Nursing and submit it to the director of undergraduate student services. (Denial of admission to the nursing school does not affect an applicant's status at Samford.)
3. Freshman applicants must meet the following academic requirements:
  - a. Achieve a minimum composite score of 21 on the ACT or 1000 on the SAT.
  - b. High school graduates must have a cumulative GPA of 3.00 or above, have completed four units of English, two units of math, and two units of lab sciences with a grade of C (2.00) or better.
  - c. Students who are admitted to Samford University as pre-nursing (PNUR) may remain PNUR for two semesters. At the end of the second semester, students must either apply to nursing or change their major through Student Records.
4. Transfer students must have 24 credits or more and:
  - a. Submit official transcripts from all previous schools.
  - b. Submit a letter of recommendation from the dean or program director of all nursing schools attended. The letter must include a statement regarding the individual's eligibility to continue and/or to be readmitted to the nursing program for which the administrator is responsible. A student who received a D or F in a nursing course from another institution will not be considered for admission.
  - c. For any transfer student with multiple grades in a given course, the GPA will be calculated using all grades obtained.
  - d. Cumulative GPAs of all transfer students will be calculated without consideration of plus or minus designation.
5. Transfer students must meet one of the following options:
  - a. Have a cumulative GPA of 2.70 or above in all coursework and have at least a C- (1.70) on general education courses required for the nursing curriculum and a 21 ACT or 1000 SAT within the last five years

**OR**

  - b. Have a cumulative GPA of 3.0 or above in all coursework and have at least a C- (1.70) on general education courses required for the nursing curriculum.

6. Be recommended by the School of Nursing Student Affairs Committee. The committee reviews all completed admission folders and makes recommendations to the dean regarding applicant's admission to the School of Nursing.
7. Admission Requirements for the 15-month accelerated second degree (ASD) program include:
  - a. Hold a minimum of a baccalaureate degree in another discipline/field.
  - b. Complete and submit a formal application for admission to the School of Nursing and sign the application stating the ability to meet the Ida V. Moffett School of Nursing Admission and Progression Standards.
  - c. Have a minimum cumulative GPA of 3.0 on a 4.0 scale on all college work attempted.
  - d. Have a minimum 2.5 GPA on a 4.0 scale in all required science courses (anatomy, physiology, microbiology, and chemistry).
  - e. Complete all required prerequisite courses with a minimum 2.0 GPA in each course.
  - f. Be interviewed by School of Nursing faculty.
  - g. Submit three letters of recommendation speaking to the applicant's ability to successfully complete a rigorous academic load.
8. Admission requirements for the five-semester second degree B.S.N. program include:
  - a. Hold a minimum of a baccalaureate degree in another discipline/field.
  - b. Meet all criteria for admission and receive formal acceptance to Samford University.
  - c. Complete and submit a formal application for admission to School of Nursing and sign the application stating the ability to meet the Ida V. Moffett School of Nursing Admission and Progression Standards.
  - d. Have a minimum cumulative GPA of 2.70 on a 4.0 scale on all college work attempted.
  - e. Complete all required prerequisite courses with a minimum 2.0 GPA in each course.

### Transfer Credit and Placement

1. Credit through the College Level Examination Program (CLEP) is available. Contact the Office of Student Records for information.
2. A student wishing to transfer to the nursing school from another division within Samford University must file a completed application with the School of Nursing and follow the same procedure as other applicants. Appropriate forms, obtained from the Office of Student Records, for change of major and change of advisor, must be completed and submitted.
3. The student who voluntarily withdraws from the School of Nursing and remains out for 12 months or longer must apply for readmission. The student who left in good standing may be readmitted but must meet all current criteria for admission and adhere to current progression and graduation requirements. All other applicants will be considered on an individual basis.

### Progression Policies

In order to progress in the undergraduate program in the School of Nursing, the student must:

1. Have a completed Health Data Record (with all required immunizations) updated annually and on file in the School of Nursing.
2. Submit negative results on drug screen and background check.
3. Have a signed Confidentiality Statement on file.
4. Make a grade of C (2.00) or better in each required or prescribed course in the School of Nursing curriculum. Note: a grade of D or F constitutes failure in any required or prescribed course in the curriculum. The nursing school accepts a C- in any required general education course in the nursing curriculum.
5. Maintain a Samford cumulative GPA of at least 2.00 for progression in nursing. This policy applies to students attempting to enroll in the first clinical nursing course after the student's first semester at Samford. A Samford GPA of 2.00 is required for graduation from Samford University.
6. Must achieve at least a 2.30 GPA on all required science courses (chemistry, anatomy, physiology, and microbiology).
7. Students may D-repeat up to 8 credits in only the core and general education courses.
8. Satisfy all prerequisites as prescribed in this catalog.

9. Adhere to the following policies regarding course failure:
  - a. A student who fails one nursing course in which a grade of D or F was received may repeat the course the following semester. If the student fails a clinical nursing course the student may not enroll in another clinical nursing course until the failed course is successfully completed. A student in the accelerated second degree (ASD) program must wait until the following year to repeat a failed nursing course. If the ASD student fails a clinical nursing course the student may not enroll in another clinical nursing course until the failed course is successfully completed.
  - b. A student who fails either one nursing course twice or two nursing courses with grades of D or F will be terminated from the School of Nursing.
  - c. A student who fails three or more nursing courses with grades of D or F will be permanently terminated from the School of Nursing and is not eligible to be considered for readmission.
  - d. A student who is terminated from the School of Nursing due to failure of either one nursing course twice or two nursing courses with grades of D or F is responsible for petitioning the Student Affairs ad hoc Progression Committee for an individualized plan of remediation which must be completed before application for readmission will be considered.
    - 1) A student terminated from the School of Nursing must remain out of the program for a minimum of one full semester (summer not included) during which time remediation is being completed. After completion of required remediation, the student may make reapplication. The Student Affairs Committee will review the application for consideration for readmission.
    - 2) Students seeking readmission must meet current admission criteria and readmission is contingent upon approval from the Student Affairs Committee and the dean.
    - 3) Those readmitted must enroll in and successfully complete all clinical nursing courses.
    - 4) After readmission due to academic failure, one failure in a required nursing course results in permanent termination from the School of Nursing.
10. The student must adhere to the Code of Ethical/Professional Conduct as specified in this catalog, School of Nursing section.
11. A student who fails to maintain progression standards may continue as a Samford student but will be terminated from the School of Nursing.
12. The student with an incomplete (INC) in any nursing course may not progress in the nursing curriculum until the incomplete is removed. All prerequisites must be satisfied as prescribed in this catalog.
13. In order to progress in the accelerated second degree and the second degree B.S.N. programs, the student must meet all progression policies listed above.

8. Analyze how health care delivery systems are organized and financed and how related economic, legal, and political factors influence the delivery of health care.
9. Design, manage, coordinate, and provide nursing care to meet the changing health care needs of a culturally diverse, complex society.
10. Engage in professional and personal activities that evidence a commitment to lifelong learning and a contribution to society.

### General Requirements for the Bachelor of Science in Nursing

1. Completion of overall general University graduation requirements for the bachelor's degree.
2. Completion of the required curriculum of 128 credits.
3. Maintenance of a cumulative GPA of 2.00 in courses at Samford.
4. Transfer students must follow the University policy for resident credit as outlined in this catalog.
5. Transfer students must complete a minimum of 54 nursing credits.
6. Nursing students may pursue a minor in a field other than nursing. It is not required that nursing students complete a minor, and there is no limitation on the selected minor. Non-nursing students may not pursue a minor in nursing.

### Nursing Major (B.S.N.)

Nursing Major (B.S.N.) Required Courses		Course Credits	Total Required Credits
<b>University Core Curriculum</b>			<b>22</b>
<b>General Education Requirements</b>			<b>28-29</b>
<b>Natural and Computational Sciences</b>			<b>16-17</b>
BIOL 217	Principles of Human Anatomy	4	
BIOL 218	Principles of Human Physiology	4	
BIOL 225	Microbiology for Allied Health Sciences	4	
CHEM 108/109 General, Organic & Biol Chem w/Lab <i>or</i> CHEM 205/206 Foundations of Chemistry w/Lab <i>or</i> an introductory chemistry course		4-5	
<b>Social Sciences</b>			<b>8</b>
PSYC 101	General Psychology	4	
PSYC 205	Life-Span Development	4	
<b>Mathematics (choose one)</b>			<b>4</b>
MATH 110	Contemporary Mathematics <i>or</i>	4	
MATH 150	Precalculus <i>or</i> higher mathematics		
<b>Nursing Major:</b>			<b>75</b>
NURS 210	Medication Dosage Calculations-Nurses	1	
NURS 222	Healthcare Trends and Issues	2	
NURS 232	Statistics for Health Care Professionals	3	
NURS 241	Prof Nursing Concepts/Health Assessment	4	
NURS 332	Pharmacology in Nursing	3	
NURS 335	Research Basic to Nursing Interventions	3	
NURS 343	Pathophysiology	4	
NURS 344	Psychiatric Mental Health Nursing	4	
NURS 351	Childbearing Family	5	
NURS 381	Foundations for Clinical Nursing Practice	8	
NURS 383	Nursing Process in Adult Health	8	
NURS 448	Senior Seminar & Clinical Preceptorship	4	
NURS 451	Community Health Nursing	5	
NURS 452	The Childrearing Family	5	
NURS 464	Management for Nurses	6	
NURS 473	Adult Health II	7	
	Nursing Elective	3	
<b>General Electives (Non-Nursing)</b>			<b>0-3</b>
<b>Total Required Credits</b>			<b>128</b>

## Bachelor of Science in Nursing

### Student Objectives

Graduates with a B.S.N. from Ida V. Moffett School of Nursing will be prepared to:

1. Synthesize and apply knowledge gained from nursing, the humanities, and from the biological, physical, and behavioral sciences to provide safe, compassionate, and therapeutic nursing care.
2. Practice in a caring, responsible, and accountable manner in accordance with professional ethics, legal boundaries, and accepted standards of nursing practice.
3. Utilize professional values and value-based behaviors that guide interactions with patients, colleagues, other professionals, and the public.
4. Demonstrate independent and/or collaborative decision-making, utilizing critical-thinking, clinical judgment, and negotiation skills.
5. Utilize research findings and plan strategies for evaluating patient care outcomes.
6. Apply health promotion and disease prevention strategies to assist individuals in achieving and maintaining an optimal level of wellness across the life span and population groups.
7. Develop an understanding of the global environment in which health care is provided.

**Nursing Major (15-Month Accelerated Second Deg B.S.N.)**

<b>Nursing Major 15-Month Accelerated Second Degree B.S.N. Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>General Education Requirements:</b>		<b>37-40</b>
<b>Natural Sciences/Applied Sciences</b>		<b>25-26</b>
Mathematics* - college algebra or higher	3	
Statistics	3	
Anatomy	4	
Pathophysiology	3-4	
Physiology	4	
Microbiology	4	
Introduction to Chemistry or higher	4	
<b>Social Sciences</b>		<b>6</b>
Introduction to Psychology	3	
Developmental Psychology	3	
<b>Humanities</b>		<b>3-4</b>
Religion, Old or New Testament	3-4	
<b>Research</b>		<b>3-4</b>
<b>Nursing Major (15-Month Accelerated Program):</b>		<b>62</b>
NUAD 210 Medication Dosage Calculations-Nurses	1	
NUAD 222 Healthcare Trends and Issues	2	
NUAD 241 Prof Nursing Concepts/Health Assessment	4	
NUAD 332 Pharmacology in Nursing	3	
NUAD 344 Psychiatric Mental Health Nursing	4	
NUAD 351 Childbearing Family	5	
NUAD 381 Foundations for Clinical Nursing Practice	8	
NUAD 383 Nursing Process in Adult Health	8	
NUAD 448 Senior Seminar & Clinical Preceptorship	4	
NUAD 451 Community Health Nursing	5	
NUAD 452 The Childrearing Family	5	
NUAD 464 Management for Nurses	6	
NUAD 473 Adult Health II	7	
<b>Total Required Credits</b>		<b>99-102</b>

\*Samford University course MATH 110 or 150.

**Nursing Major (Five-Semester Second Degree B.S.N.)**

<b>Nursing Major Five-Semester Second Degree B.S.N. Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>General Education Requirements:</b>		<b>37-40</b>
<b>Natural Sciences/Applied Sciences</b>		<b>25-26</b>
Mathematics* - college algebra or higher	3	
Statistics	3	
Anatomy	4	
Pathophysiology	3-4	
Physiology	4	
Microbiology	4	
Introduction to Chemistry or higher	4	
<b>Social Sciences</b>		<b>6</b>
Introduction to Psychology	3	
Developmental Psychology	3	
<b>Humanities</b>		<b>3-4</b>
Religion, Old or New Testament	3-4	
<b>Research</b>		<b>3-4</b>
<b>Nursing Major (Five-Semester Program):</b>		<b>62</b>
NURS 210 Medication Dosage Calculations-Nurses	1	
NURS 222 Healthcare Trends and Issues	2	
NURS 241 Prof Nursing Concepts/Health Assessment	4	
NURS 332 Pharmacology in Nursing	3	
NURS 344 Psychiatric Mental Health Nursing	4	
NURS 351 Childbearing Family	5	
NURS 381 Foundations for Clinical Nursing Practice	8	
NURS 383 Nursing Process in Adult Health	8	
NURS 448 Senior Seminar & Clinical Preceptorship	4	
NURS 451 Community Health Nursing	5	
NURS 452 The Childrearing Family	5	
NURS 464 Management for Nurses	6	
NURS 473 Adult Health II	7	
<b>Total Required Credits</b>		<b>99-102</b>

\*Samford University course MATH 110 or 150.

<b>Nursing Electives</b>	
<b>Course Number/Name</b>	<b>Credit Hrs</b>
NURS 110 Health Care Perspectives	1
NURS 300 Bioterrorism Awareness	3
NURS 301 Camp Nursing	3
NURS 302 Informatics	3
NURS 303 Exploring International Health	3
NURS 305 Independent Study	1
NURS 306 Independent Study	2
NURS 307 Independent Study	3
NURS 308 High-Risk Neonatal Nursing	3
NURS 309 Perioperative Nursing	3
NURS 310 Ethical Considerations in Nursing	3
NURS 313 Labor and Delivery Nursing	3
NURS 318 Intensive Care/Emergency Nursing	3
NURS 319 Introduction to Developmental Disabilities	3
NURS 320 Eating and Body Image Disorders	3
NURS 402 Nursing in the British Isles	3
NURS 403 Missions Nursing	3
NURS 411 Pediatric Oncology Nursing	3

## Undergraduate Courses

### NURSING

#### **NURS/NUAD 210 Medication Dosage Calculation for Nurses (1)**

Introduces students to the basic principles of medication calculation and facilitates the development of skills necessary to ensure accuracy when calculating medication dosage. LEC 1. Prereq/Co-req: NURS/NUAD 241. NURS 210 Offered: Every semester. NUAD 210 Offered: Fall.

#### **NURS/NUAD 222 Healthcare Trends and Issues (2)**

Introduction to current healthcare issues and trends. Topics discussed include: the aging, vulnerable populations, healthcare delivery systems, genetics, biogenetics, regulatory agencies, bioterrorism, emerging infections, health insurance, and informatics. LEC 2. Prereq: Admission to the School of Nursing and sophomore standing

#### **NURS 232 Statistics for Health Care Professionals (3)**

Study of descriptive statistics as well as basic parametric and nonparametric statistical tests. These statistics are necessary for a beginning understanding of factual information and probability decision-making required to critique and utilize research in nursing. LEC 3. Prereq: College algebra or higher.

#### **NURS/NUAD 241 Professional Nursing Concepts and Health Assessment (4)**

Initiates the process of professional nursing socialization for the baccalaureate student focusing on the major nursing concepts of caring, health, culture, holism, values, ethics, and legal implications for nursing practice. Additionally, students are introduced to beginning health assessment principles with a consideration for cultural and ethnic variations. Using the nursing process as a framework, students will acquire the skills to perform a systematic examination of a healthy adult and document the findings. Opportunities for individual and supervised practice enhance classroom learning. LEC 4. Prereq/Co-req: BIOL 225, NURS/NUAD 222, and NURS 343.

#### **NURS/NUAD 332 Pharmacology in Nursing (3)**

Provides theoretical and conceptual bases for pharmacology in nursing based on a collaborative interdisciplinary approach. Emphasis on developing a broad base of knowledge of the major drug classifications necessary for safe and effective administration and monitoring of medications to clients of all ages. Key concepts of pharmacology, basic medication facts, and dosage calculations will be discussed. Prereqs: NURS/NUAD 210, 241, and NURS 343. NURS 332 Offered: Fall, Spring, and Summer. NUAD 332 Offered: Fall.

#### **NURS/NUAD 335 Research Basic to Nursing Interventions (3)**

Provides an introduction to the research process and the application to scholarship and clinical practice. Students learn to be consumers of research through reviewing the literature, critiquing research, and identifying methods appropriate to study specific practice-related problems. Emphasis is placed on critical thinking and writing skills. Application is made to clinical research, evidence-based practice, and quality improvement. LEC 4. Prereq or Co-req: NURS 232. Offered: Fall, Spring, and Summer. (Formerly NURS 345)

#### **NURS 343 Pathophysiology (4)**

Study of disruptions in homeostasis across the life span. Content stresses the pathophysiology of cellular alteration and function. LEC 4. Prereqs: BIOL 217, BIOL 218, CHEM 108, and CHEM 109.

#### **NURS 344 Psychiatric Mental Health Nursing (4)**

Examination of psychiatric mental health needs of individuals, families, and groups across the life span, emphasizing communication, neurobiology and psychosocial nursing with clinical experiences in acute and community mental health care settings. LEC 2, LAB 6. Prereq: NURS 343.

#### **NURS/NUAD 351 Childbearing Family (5)**

Development of skills and the acquisition of knowledge and professional values to prepare the student for the role of health care provider for the childbearing family. Clinical experiences provide a variety of in-patient and community-based learning opportunities. LEC 2.5, LAB 7.5. Prereq: NURS/NUAD 381.

#### **NURS/NUAD 381 Foundations for Clinical Nursing Practice (8)**

Initiates the acquisition of basic clinical nursing skills that will assist students to become safe, efficient, compassionate practitioners. Students will utilize and continue to develop physical assessment skills and a theoretical knowledge base to be used in clinical situations. Opportunities are provided for the student to implement the nursing process to deliver safe care to individual clients. LEC 5, LAB 9. Prereqs: NURS/NUAD 222, 241, and NURS 343. Prereq/Co-req: NURS/NUAD 332 and 344. NURS 381 Offered: Fall and Spring. NUAD 381 Offered: Fall only. (Formerly NURS 371)

#### **NURS/NUAD 383 Nursing Process in Adult Health (8)**

Application of theoretical concepts of therapeutic modalities to manage adult medical surgical clients. Emphasis on acute, well-defined health stressors and their effect on the whole person. Students are introduced to collaborative problem solving and to research-based clinical practice. Further development of skills from Foundations occurs as students provide care for individual clients. Nutritional needs and rehabilitation are integrated throughout the content. LEC 5, LAB 9. Prereqs: NURS/NUAD 344 and 381. NURS 383 Offered: Fall and Spring. NUAD 383 Offered: Spring. (Formerly NURS 372)

#### **NURS/NUAD 448 Senior Seminar and Clinical Preceptorship (4)**

Refinement of clinical skills, organizational principles, and care for a small number of clients. LEC 1, LAB 120 practicum hours last three weeks of semester. Grading is pass/fail. Prereqs: NURS/NUAD 452 and 473.

#### **NURS/NUAD 451 Community Health Nursing (5)**

Relates public health principles to professional nursing practice. Focuses on health promotion, disease prevention, and risk reduction in individuals, families, groups, and populations across the lifespan in the community setting. LEC 3.5, LAB 7.5 hours per week. Prereqs: NURS/NUAD 351 and 383. Offered: Fall and Spring. (Formerly NURS 461)

#### **NURS/NUAD 452 The Childrearing Family (5)**

Examination of health needs of families from birth through adolescence. Refinement of critical thinking and decision-making skills as students care for the pediatric client and family experiencing simple, complex and/or multiple health stressors. LEC 2.5, LAB 7.5. Prereqs: NURS/NUAD 351 and 383.

#### **NURS/NUAD 464 Management for Nurses (6)**

Study of concepts, principles, and theories as a basis for developing an entry-level manager in a health care organization. Utilization of critical thinking skills to problem-solve and effect change in the clinical setting. LEC 3.5, LAB 10 hours per week for 12 weeks. Prereqs: NURS/NUAD 452, 473, and nursing elective.

#### **NURS/NUAD 473 Adult Health II (7)**

Study of nursing priorities in adult clients experiencing complex and multisystem health stressors. Emphasis on case management of acute and critically ill adult clients. Multidimensional approach for small client groups and case types as students learn to become managers of care for high acuity patients. LEC 4, LAB 9. Prereqs: NURS/NUAD 351 and 383.

## NURSING ELECTIVES

### NURS 110 Health Care Perspectives (1)

Examination of basic understanding of human beings, health care consumerism, decision-making, career opportunities, and health care issues pertinent to nursing. LEC 1. Open to non-nursing majors. Offered: Spring.

### NURS 300 Bioterrorism Awareness (3)

Examination of clinical information on bioterrorism and chemical warfare response. Nursing education and preparedness is essential to provide quality nursing care, prevent occupational exposure, and combat terrorism. Discussion of early recognition and essential facts needed to cope with the most likely biological warfare possibilities, including clinical manifestations and appropriate clinical response from a global perspective. LEC 3. Prereqs: NURS 332, 381, or permission of the instructor. Offered: Summer.

### NURS 301 Camp Nursing (3)

Examination of collaborative practice as members of an interdisciplinary health care team in a residential camp setting. Explores education and health care of children age 6 to 17 years who are affected with a chronic illness. Students utilize knowledge of principles of growth and development as they assist children with risk reduction and health promotion strategies. Students engage in direct interaction with individuals and small groups and act as patient advocates, while anticipating, planning, and managing developmentally appropriate care. Prereqs: NURS 344, 383, and permission of the instructor. Offered: Summer 1.

### NURS 302 Informatics (3)

Study of informatics and computer use in health care settings. Addresses concepts relevant to nursing informatics and the use of computerized information systems in health care organizations as well as the use of computer applications to support clinical and administrative decision making. LEC 3. Prereq/Co-req: NURS 381 or permission of the instructor. Offered: Fall.

### NURS 303 Exploring International Health (3)

Exploration of demographics, health indicators, environmental influences, approaches to health education, major diseases/conditions, local customs and beliefs related to health care. Comparisons of health status between people living in industrialized nations with those living in developing nations also included. LEC 3.

### NURS 305 Independent Study (1)

Content varies with the needs and interests of the student. Prereqs: Permission of the instructor and assistant dean of the School of Nursing.

### NURS 306 Independent Study (2)

Content varies with the needs and interests of the student. Prereqs: Permission of the instructor and assistant dean of the School of Nursing.

### NURS 307 Independent Study (3)

Content varies with the needs and interests of the student. Prereqs: Permission of the instructor and assistant dean of the School of Nursing.

### NURS 308 High-Risk Neonatal Nursing (3)

Study of high-risk neonates and their families, including genetic abnormalities, preventive measures, and long-term sequelae associated with birth of these neonates. Exploration of the roles of the nurse and other health care professionals. Prereqs: NURS 351, 383, or permission of the instructor. Offered: Jan Term.

### NURS 309 Perioperative Nursing (3)

Examination of the role of the nurse and other health care professionals involved in the care of the patient undergoing surgical intervention. Emphasis on the nursing care of the patient in the operating room as well as the preoperative and post anesthesia recovery areas. Prereqs: NURS 381 and permission of the instructor. Offered: Jan Term.

### NURS 310 Ethical Considerations in Nursing (3)

Examination of legal, ethical, and moral issues relative to the profession of nursing. Attention to classical and contemporary ethical theories, principles, and philosophical considerations. Exploration of ethical decision making and problem solving in the context of providing ethically appropriate nursing care consistent with personal and professional values. LEC 3. Prereq: NURS 381 or permission of the instructor.

### NURS 313 Labor and Delivery Nursing (3)

Opportunities for the student to gain additional theoretical knowledge and clinical skills related to the labor and delivery process. The student will complete a preceptor clinical experience with a registered nurse in a labor and delivery setting. LEC 1.5, LAB 4.5. Prereq: NURS 351.

### NURS 318 Intensive Care/Emergency Nursing (3)

Examination of the clinical specialty role in intensive/emergency nursing utilizing the preceptor model in area hospital settings. Prereqs: NURS 383 and/or permission of the instructor. Offered: Jan Term and Summer 2.

### NURS 319 Introduction to Developmental Disabilities (3)

Prepares the student to work with individuals with developmental disabilities and their families. Community experiences are planned to provide a variety of learning opportunities. Open to all students at the University, but an emphasis will be placed on disciplines that provide direct services for individuals with disabilities, e.g., nursing, education, nutrition sciences, psychology, and sociology. LEC 3. Prereq: NURS 381 or permission of instructor.

### NURS 320 Eating and Body Image Disorders (3)

Examination of complex health issues related to eating and body image disorders across the life span with emphasis on sociocultural perspectives and the role of the nurse in promoting healthful lifestyles. LEC 3. Prereq: NURS 344 or permission of the instructor.

### NURS 402 Nursing in the British Isles (3)

Observation of the role of the nurse in the British Health Care System with emphasis on historical influence on professional nursing. London serves as the setting for the course. Prereq: Permission of the instructor. Offered: Jan Term.

### NURS 403 Missions Nursing (3)

Examination of missions nursing from a global perspective. Provides the opportunity to explore the nature of missions nursing, to examine one's calling to missions nursing, to plan and participate in nursing activities related to local and foreign missions, and to share experiences from the mission field. Meets requirements for Samford's Convocation program that encourages students to develop both spiritually and academically and to integrate faith and learning from a distinctively Christian perspective. LEC 3. Prereq: Third level standing or permission of the instructor. Offered: Fall.

### NURS 411 Pediatric Oncology Nursing (3)

Focus on health needs of children and their families who are affected with devastating illnesses. Students collaborate with interdisciplinary care teams to provide safe nursing care and refine critical decision-making skills in a preceptor model of learning. LEC .5, LAB 6.5. Prereq: NURS 452; permission of instructor.

## Graduate Programs and Requirements

### Degrees/Majors

Master of Science in Nursing (M.S.N.)

- Nurse Anesthesia
- Nursing
  - Family Nurse Practitioner Track
  - Nurse Educator Track
  - Nurse Manager Track

RN to M.S.N. Option (M.S.N.)

- Nursing
  - Family Nurse Practitioner Track
  - Nurse Educator Track
  - Nurse Manager Track

Doctor of Nursing Practice (D.N.P.)

- Academic Educator
- Administration
- Advanced Practice

### Joint-Degree

Master of Science in Nursing/Master of Business Administration (M.S.N./M.B.A.)

- Nursing (Nurse Executive Track)

### Certificate Programs

Post-Master of Science in Nursing Certificate

- Education Track
- Family Nurse Practitioner Track
- Management Track

The Ida V. Moffett School of Nursing offers flexible, innovative tracks in a program leading to a master of science in nursing degree. Graduates are prepared to practice in an advanced role to meet and/or manage health care needs of families across the life span. The graduate will be prepared to practice in a variety of settings with a functional focus in one of the following areas: family nurse practitioner practice, nursing education, nursing management, nurse anesthesia, or administration with a joint degree (M.S.N./M.B.A.).

Through the RN to M.S.N. option, the School of Nursing provides experienced registered nurses, who currently hold an associate of science in nursing or a hospital diploma, the opportunity to earn an M.S.N. through a nontraditional path. As in the main M.S.N. program, the same tracks are available, with the exception of nurse anesthesia.

A post-master of science in nursing certificate is available in education, family nurse practitioner (FNP), management, and nurse anesthesia. Students completing the post-M.S.N./FNP track will have fulfilled the educational requirements to take the Family Nurse Practitioner Certification examinations.

### M.S.N. Outcomes

Graduates with a master of science in nursing from the Ida V. Moffett School of Nursing will be prepared to:

1. Apply theoretical concepts and research findings as bases for clinical organizational decision-making in order to provide compassionate care, initiate change, and improve nursing practice.
2. Demonstrate proficient utilization of research including the evaluation of research, problem identification within the clinical practice setting, awareness of practice outcomes, and the clinical application of research.
3. Develop an understanding of health care policy, organization and health care financing in order to provide quality cost-effective care, participate in the design and implementation of care in a variety of health care systems, and assume a leadership role in the management of health care resources.
4. Integrate ethical principles, personal beliefs, and Christian values to provide a framework for advanced nursing practice (ANP) and ethical decision-making as it affects the community, society, and health care delivery system.
5. Implement advanced nursing practice and work effectively in interdisciplinary relationships or partnerships, recognizing the uniqueness and similarities among various health care providers.

6. Provide care that is culturally responsive to individuals or population groups based on an understanding and appreciation for human diversity in order to encourage health promotion and wellness strategies that maximize one's quality of life.
7. Assume responsibility and accountability for the health promotion, risk reduction, assessment, diagnosis, and management of patient problems across the life span.
8. Interpret the environment in which health care is provided and modify patient care and health care delivery in response to global environmental factors.
9. Participate in political and professional organizations to influence health policy, improve health care, and advance the profession of nursing.
10. Engage in professional and personal activities that evidence a commitment to lifelong learning and a contribution to society.

## M.S.N. Program

### Admission to the Family Nurse Practitioner, Nurse Educator, Nurse Manager, and Joint M.S.N./M.B.A. Tracks

Applications for the M.S.N. degree program are considered on a competitive basis by the School of Nursing; thus, applicants' admission profiles are evaluated according to stated admission criteria. The applicant will be considered for admission to Samford University and the School of Nursing graduate program upon submission of the following required material:

1. Samford University School of Nursing graduate program application and \$35 application fee.
2. Two official transcripts of all colleges and universities previously attended.
3. Three professional references.
4. Evidence of current unencumbered license as a registered nurse.
5. Official test scores from the GRE or MAT.
6. International applicants or American citizens who learned English as a second language must score at least 500 on the Test of English as a Foreign Language (TOEFL).
7. One undergraduate course in nursing research with a grade of C (2.00) or better.
8. One undergraduate health assessment course with a grade of C (2.00) or better (for FNP students only).

### Levels of Admission

#### A. Unconditional Admission

An applicant may be admitted on an unconditional basis under the following circumstances:

1. Bachelor of science in nursing degree or bachelor of science degree with a major in nursing from a NLNAC or CCNE accredited program.
2. Undergraduate cumulative grade point average of at least 3.00 on a 4.00 scale.
3. Miller Analogies Test (MAT) score of 402; or Graduate Record Examination (GRE) score of 450 verbal, 520 quantitative, and 4 analytical writing. Note: Applicants desiring the M.S.N./M.B.A. should take the GMAT and nurse anesthesia applicants should take the GRE.
4. Personal interview with member of the graduate faculty.

#### B. Conditional Admission

Should any of the above conditions not be met, the applicant may be considered on an individual basis for conditional admission.

In the event of conditional admission, the applicant must complete the first eight credits of the required graduate nursing curriculum at Samford University with a B or better in each course attempted. Failure to meet the requirement as stated will prevent progression in the School of Nursing graduate program.

### Academic Policy and Progression

#### Transfer Credit

Graduate students are permitted to transfer a maximum of twelve hours of graduate credit from an accredited college or university. To do so, students should complete a course substitution form and attach a copy of the syllabus. Transfer credits will be evaluated by the associate dean of the graduate program for applicability to the graduate program.



**Progression Policies**

In order to progress in the graduate program in the School of Nursing, the student must:

1. Have a completed Health Data Record (with all required immunizations) updated annually and on file in Student Health Services and the School of Nursing.
2. Document and keep current the following requirements:
  - a. Personal health insurance
  - b. Professional liability insurance
  - c. BLS certification
3. Adhere to the Code of Ethical/Professional Conduct as specified in this catalog.
4. Possess a current unencumbered registered nursing license.
5. Submit to drug testing and background check prior to entering the first clinical or specialty course in each graduate nursing track.
6. Students in the M.S.N. program must maintain a cumulative GPA of 3.00 or higher throughout the program. The GPA in any one semester may fall below 3.00, but if the cumulative GPA remains 3.00 or higher, the student will be considered in good academic standing. If the **cumulative GPA** falls below a 3.00 the student will be placed on "academic probation." To be removed from academic probation, a student's cumulative GPA must be at least 3.00 after the completion of eight additional credits. Students must have a 3.00 cumulative GPA to graduate.

**Dismissal/Termination Policy**

The graduate student will be dismissed from the school if:

1. His/her cumulative GPA remains below 3.00 after the completion of eight additional credits after being placed on academic probation.
2. His/her cumulative GPA falls below 3.00 after completion of eight credits if admitted on conditional status.
3. He/she earns an unacceptable grade as defined in the syllabus of that course for a second time in any course.
4. He/she earns an unacceptable grade as defined in the syllabus of that course in more than two courses.
5. He/she does not adhere to the Code of Ethical/Professional Conduct as specified in this catalog, School of Nursing section.

**Program Interruptions and Readmissions**

Students who need more than five years to complete the program, may petition the School of Nursing graduate program to request an additional year for completion (a total of six years for completion).

**Master of Science in Nursing: Core Courses**

<b>Master of Science in Nursing Required Core Courses for All Tracks</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
NURG 514	Health Promotion for Diverse Populations	3	
NURG 515	Statistical Methods for Evidence-Based Practice	3	
NURG 516	Theories and Research Principles in Advanced Nursing Practice	3	
NURG 517	Policy, Organization, & Financing of Health Care	3	
<b>Total Required Credits</b>			<b>12</b>

**Master of Science in Nursing: Family Nurse Practitioner Track**

<b>Master of Science in Nursing: Family Nurse Practitioner (FNP) Track Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Core Course Requirements</b>			<b>12</b>
<b>Advanced Practice Courses - FNP Track</b>			<b>30</b>
NURG 533	Advanced Physiology & Pathophysiology	3	
NURG 600	Common Diagnostics/Procedures	3	
NURG 601	Advanced Physical Assessment	3	
NURG 602	Family Practice I: Care of Adults	6	
NURG 603	Family Practice II: Care of Women	3	
NURG 604	Family Practice III: Care of Children	3	
NURG 605	Family Practice IV: Residency	6	
NURG 633	Pharmacotherapeutics for Advanced Nursing Practice	3	
<b>Total Required Credits</b>			<b>42</b>

**Master of Science in Nursing: Nurse Educator Track**

<b>Master of Science in Nursing: Nurse Educator Track Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Core Course Requirements</b>			<b>12</b>
<b>Advanced Practice Courses - Nurse Educator Track</b>			<b>25</b>
NURG 533	Advanced Physiology & Pathophysiology	3	
NURG 601	Advanced Physical Assessment	3	
NURG 610	Principles of Teaching-Learning	3	
NURG 611	Nurse Educator Role in Curriculum Dev	3	
NURG 612	Nurse Educator Role in Student Evaluation	3	
NURG 613	Capstone Seminar	2	
NURG 614	Nurse Educator Role Transition/Practicum	8	
<b>Total Required Credits</b>			<b>37</b>

**Master of Science in Nursing: Nurse Manager Track**

<b>Master of Science in Nursing: Nurse Manager Track Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Core Course Requirements</b>			<b>12</b>
<b>Advanced Practice Courses - Nurse Manager Track</b>			<b>23</b>
NURG 540	Managing within a Health Care Organization	3	
NURG 541	Nursing Management of Clinical Systems	3	
NURG 542	Nursing Management of Human Resources	3	
NURG 543	Introduction to Health Care Finance	3	
NURG 544	Finance & Budgeting for Nursing Systems	3	
NURG 644	Nursing Management Seminar	3	
NURG 657	Nursing Management Practicum	5	
<b>Total Required Credits</b>			<b>35</b>

## RN TO M.S.N. Option

The School of Nursing offers the master of science in nursing (M.S.N.) degree through a nontraditional pathway. The program provides the experienced registered nurse (RN) who holds an associate of science in nursing degree or hospital diploma an opportunity to earn a master's degree within one program of study.

In the RN to M.S.N. option, the graduate does not earn a bachelor's degree. Should an individual not complete the requirements for the M.S.N., whether for personal or academic reasons, no B.S.N. is awarded nor is academic credit transferred to the B.S.N. program.

The RN to M.S.N. option consists of four bridge courses and the M.S.N. curriculum. The bridge courses (NURG 510, 511, 512, and 513) can be completed in two semesters and must be completed prior to progressing to the M.S.N. core courses. When taken full time and in sequence, the length of the RN to M.S.N. option is approximately seven semesters, or two years. General education courses may be completed at another college or university and then transferred to Samford University prior to enrolling in the RN to M.S.N. option.

### Admission Criteria

1. Completed School of Nursing application form.
2. Two official transcripts from every college/university attended.
3. Provide proof of current unencumbered license to practice as a registered nurse.
4. Submit three professional references.
5. Complete scheduled interview with track coordinator.
6. Miller Analogies Test (MAT) score of 402; or Graduate Record Examination (GRE) score of 450 verbal, 520 quantitative, and 4 analytical writing.
7. International applications or American citizens who learned English as a second language must score at least a 500 on the Test of English as a Foreign Language (TOEFL).
8. Cumulative GPA minimum of 3.00.

### RN to M.S.N. Progression Policies

1. Have a completed Health Data Record (with all required immunizations) updated annually and on file in Student Health Services and the School of Nursing.
2. Adhere to all Ida V. Moffett School of Nursing policies and procedures, as well as the Code of Ethical/Professional Conduct.
3. Make a grade of B (3.00) or better in each RN to M.S.N. bridge course in the School of Nursing curriculum.
4. Maintain a Samford University graduate cumulative GPA of at least 3.00 for progression to the master's core courses.
5. To progress from the final RN to M.S.N. bridge course to the core courses, all 43 credits of general education courses must be completed.

## RN to M.S.N. Option

<b>RN to M.S.N. Option Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>General Education Requirements:</b>		<b>43</b>
<b>Natural Sciences/Applied Sciences</b>		<b>22</b>
College Algebra or higher-level math	3	
Anatomy	4	
Physiology	4	
Microbiology	4	
Intro to Chemistry or higher-level Chemistry	4	
Introductory computer course	3	
<b>Social Sciences</b>		<b>9</b>
Intro to Psychology	3	
Developmental Psychology	3	
Speech	3	
<b>Humanities</b>		<b>6</b>
English Composition I and II	6	
<b>Other Liberal Arts courses*</b>		<b>6</b>
<b>RN to M.S.N. Bridge Courses</b>		<b>14</b>
NURG 510 Transition-Professional Nursing Practice	3	
NURG 511 Health Assessment	4	
NURG 512 Healthcare Research & Intro to Statistics	3	
NURG 513 Leadership, Mgt, & Community Health	4	
<b>Core Course Requirements**</b>		<b>12</b>
<b>Selected Track: Advanced Practice Courses**</b>		<b>25-30</b>
Family Nurse Practitioner Track	30	
Nurse Educator Track	25	
Nurse Manager Track	23	
<b>Total Required Credits</b>		<b>94-99</b>

\* Remaining credit may be chosen from political science, history, English literature, foreign languages, philosophy, biology, chemistry, psychology, sociology, geography, economics, religion, and either art, music, or theatre appreciation (no more than three credits may be in appreciation courses).

\*\* See M.S.N. tables on p. 183 for course requirements.

## Department of Nurse Anesthesia

Admission requirements are as follows:

1. Completed School of Nursing graduate program application.
2. Completed Department of Nurse Anesthesia application.
3. Nonrefundable \$35 fee and a current photo.
4. Current unencumbered Alabama license as a registered nurse.
5. Bachelor of science in nursing from an NLN or CCNE accredited program.
6. Minimum one year full time acute care experience as a registered nurse.
7. Three letters of recommendation.
8. Two official transcripts from all colleges and universities attended (should provide proof of B.S.N.).
9. Prerequisite courses: general chemistry and research.
10. GRE score of 1000 or above within last five years. The MAT is not accepted.
11. Cumulative GPA of 3.00 on a 4.00 scale.
12. Computer proficiency.

Admission decisions are based on GPA, GRE scores, letters of recommendation, personal interview, and the duration and type of work experience.

### Progression Policies

In order to progress in the School of Nursing nurse anesthesia program, the student must:

1. Have a completed Health Data Record (with all required immunizations) updated annually and on file in Student Health Services and the School of Nursing.
2. Document and keep current the following requirements:
  - a. Personal health insurance
  - b. Personal liability insurance
3. Obtain BLS, ACLS, PALS certification.
4. Adhere to the Code of Ethical/Professional Conduct, as specified in this catalog.
5. Possess a current unencumbered registered nursing license.
6. Submit to random drug testing and a criminal background check.
7. Maintain a grade of "B" or better in each didactic course or "Pass" grade in each clinical course.

### Program Interruptions and Readmissions

1. Students must complete all term/semester coursework before progressing to the next term/semester. Individual exceptions may be made by the program director. An incomplete grade (INC) may be awarded if the student has done work that would earn a passing grade in the course but has failed to complete some portion of the required work because of an emergency, and the work can be completed without further class attendance. An INC grade automatically becomes an F if not removed by the last day of classes in the next full semester after the grade was given.
2. Students who receive a non-progressing grade may reapply to continue their course of study the following year. Additional remedial courses may be required on a case-by-case basis prior to readmission. Determination for readmission will be made by the nurse anesthesia program faculty with approval of the dean of the School of Nursing.
3. Students who take a leave of absence or withdraw from the program may reapply to continue their course of study the following year. Additional remedial courses may be required on a case-by-case basis prior to readmission. Determination for readmission will be made by the nurse anesthesia program faculty with approval of the dean of the School of Nursing.
4. Students will be obligated for complete tuition payments for any enrolled term or semester. For students readmitted to the program, tuition costs will be at the tuition rate in place at the time of readmission.

## Master of Science in Nursing – Nurse Anesthesia

<b>Master of Science in Nursing Nurse Anesthesia Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Nurse Anesthesia Core</b>			<b>46</b>
NUNA 514	Health Promotion for Diverse Populations	3	
NUNA 515	Statistical Methods for Evidence-Based Practice	3	
NUNA 516	Theories and Research Principles in Advanced Nursing Practice	3	
NUNA 517	Policy, Organization, & Financing of Health Care	3	
NUNA 550	Human Anatomy for Nurse Anesthesia	3	
NUNA 579	Pharmacology for Advanced Nursing Practice	3	
NUNA 580	Nurse Anesthesia Pharmacology I	3	
NUNA 581	Nurse Anesthesia Pharmacology II	3	
NUNA 582	Nurse Anesthesia Physiology I	3	
NUNA 584	Pathophysiology for Nurse Anesthetists	3	
NUNA 590	Nurse Anesthesia Principles I	3	
NUNA 591	Nurse Anesthesia Principles II	3	
NUNA 592	Nurse Anesthesia Principles III	3	
NUNA 601	Advanced Physical Assessment	2	
NUNA 640	Obstetric and Regional Anesthesia	5	
<b>Anesthesia Seminars</b>			<b>8</b>
NUNA 650	Nurse Anesthesia Seminar I	2	
NUNA 651	Nurse Anesthesia Seminar II	2	
NUNA 652	Nurse Anesthesia Seminar III	2	
NUNA 653	Nurse Anesthesia Seminar IV	2	
<b>Clinical Practicum</b>			<b>25</b>
NUNA 660	Nurse Anesthesia Clinical Practicum I	4	
NUNA 661	Nurse Anesthesia Clinical Practicum II	7	
NUNA 662	Nurse Anesthesia Clinical Practicum III	7	
NUNA 663	Nurse Anesthesia Clinical Practicum IV	7	
<b>Total Required Credits</b>			<b>79</b>

## Joint-Degree Program

### Joint-Degree Program Admissions

Students pursuing the nurse executive track joint M.S.N./M.B.A. degree must be admitted on an independent basis by both the Ida V. Moffett School of Nursing and the Brock School of Business. M.S.N./M.B.A. applicants will be required to take the GMAT for consideration for admission to both the nursing school and the business school.

### Nurse Executive Track (M.S.N./M.B.A.)

Master of Science in Nursing/ Master of Business Administration Required Courses		Course Credits	Total Required Credits
<b>Core Course Requirements</b>			<b>12</b>
<b>Advanced Practice Courses - MSN/MBA</b>			<b>48</b>
<b>Business</b>			<b>39</b>
ACCT 511	Foundations of Accounting*	3	
ACCT 519	Accounting for Decision Making	3	
BUSA 533	MIS and Communications Technology	3	
ECON 512	Foundations of Economics*	3	
ECON 520	The Economics of Competitive Strategy	3	
FINC 514	Foundations of Finance*	3	
FINC 521	Managerial Finance	3	
MARK 515	Foundations of Management & Marketing*	3	
MARK 541	Marketing in the Global Environment	3	
MNGT 516	Foundations of Operations Management*	3	
MNGT 561	Strategic Management	3	
MBA Electives as seen on p. 137**		6	
<b>Nursing</b>			<b>9</b>
NURG 645	Nurse Executive Seminar	4	
NURG 658	Nursing Executive Practicum	5	
<b>Total Required Credits</b>			<b>60</b>

\*Students may be exempt from courses if they have completed appropriate undergraduate courses within the last 10 years at a regionally accredited institution.

\*\*Joint degree students are exempt from BUSA 513 (Foundations of Business Statistics-3 credits), two BUSA elective courses (6 credits), and three NURG courses (9 credits).

## Post-Master of Science in Nursing Program

### Admission Policies

Applications for post-M.S.N. certificate admission are considered on a competitive basis by the School of Nursing; thus, applicants' admission profiles are evaluated according to stated admission criteria. The applicant will be considered for admission to Samford University and the Ida V. Moffett School of Nursing Graduate Program upon submission of the following required material:

1. Samford University School of Nursing graduate program post-M.S.N. application and \$35 application fee.
2. Cumulative GPA of 3.0 on a 4.0 scale.
3. Two official transcripts of all prior college work, documenting a master of science in nursing degree from an accredited (NLNAC or CCNE) program.
4. Three professional references.
5. International applicants, or American citizens who learned English as a second language, must score at least 500 on the Test of English as a Foreign Language (TOEFL).
6. Evidence of current unencumbered license to practice as a RN.
7. Personal interview with a member of the graduate faculty.
8. Evidence of one graduate-level pathophysiology course with a grade of B or better within the last five years (students pursuing education or FNP certificates, only).

Post-Master of Science in Nursing: Education Track Required Courses		Course Credits	Total Required Credits
NURG 610	Principles of Teaching-Learning	3	
NURG 611	Nurse Educator Role in Curriculum Dev	3	
NURG 612	Nurse Educator Role in Student Evaluation	3	
NURG 613	Capstone Seminar	2	
NURG 615	Role Transition	2-4	
<b>Total Required Credits</b>			<b>13-15</b>

Post-Master of Science in Nursing: Family Nurse Practitioner Track Required Courses		Course Credits	Total Required Credits
NURG 533	Advanced Physiology & Pathophysiology	3	
NURG 600	Common Diagnostics/Procedures	3	
NURG 601	Advanced Physical Assessment	3	
NURG 602	Family Practice I: Care of Adults	6	
NURG 603	Family Practice II: Care of Women	3	
NURG 604	Family Practice III: Care of Children	3	
NURG 605	Family Practice IV: Residency	6	
NURG 633	Pharmacotherapeutics for Advanced Nursing Practice	3	
<b>Total Required Credits</b>			<b>30</b>

Post-Master of Science in Nursing: Management Track Required Courses		Course Credits	Total Required Credits
NURG 540	Managing within Health Care Organization	3	
NURG 541	Nursing Management of Clinical Systems	3	
NURG 542	Nursing Management of Human Resources	3	
NURG 543	Introduction to Health Care Finance	3	
NURG 544	Finance & Budgeting for Nursing Systems	3	
NURG 644	Nursing Management Seminar	3	
NURG 657	Nursing Management Practicum	5	
<b>Total Required Credits</b>			<b>23</b>

## Graduate Courses

Class of 2009: Please refer to the 2007-2008 Samford Catalog for MSNA course descriptions.

### NURSE ANESTHESIA

#### **NUNA 514 Health Promotion for Diverse Populations (3)**

Exploration of theories, concepts, and research as a framework for advanced practice care in promoting health in diverse populations. The impact of cultural differences on health behaviors and health promotion activities as well as ethical principles, administration planning models, and appropriate funding are also examined. Co-listed as NURG 514. Prereq: Admission to graduate program. Offered: Fall.

#### **NUNA 515 Statistical Methods for Evidence-Based Practice (3)**

Study of parametric and nonparametric inferential statistical tests with an emphasis on the hypothesis testing process. Includes power analysis and graphing techniques. These statistics are necessary to critique, utilize, and conduct nursing research to provide evidence for practice. Co-listed as NURG 515. Prereq: Admission to the M.S.N. Program. Offered: Fall.

#### **NUNA 516 Theories and Research Principles in Advanced Nursing Practice (3)**

Critical analyses of theory and research and their uses for advanced nursing practice. Various methods for gathering evidence-based data in developing scientific knowledge for practice also examined. Content includes selected theories/models from nursing and related fields which serve as a framework for research for advanced nursing practice. Theory and research methodologies will be used as a basis for implementation and evaluation of selected quality improvement projects. Co-listed as NURG 516. Prereq: Admission to graduate program and completion of graduate statistics course. Offered: Spring.

#### **NUNA 517 Policy, Organization, and Financing of Health Care (3)**

Management and servant leadership theories are applied to the advanced practice nurse role. Economic theory and the financing of health care organizations, resource management, analysis and monitoring of the financial impact of decisions are explored in the development of a business/department specific to the student's advanced practice role. Ethical, legal, financial, and social issues in policy and politics in the government, professional organizations, the community, and the workplace are reviewed. Co-listed as NURG 517. Prereq: Admission to graduate program. Offered: Spring.

#### **NUNA 550 Human Anatomy for Nurse Anesthesia (3)**

Survey of gross human anatomy with special emphasis for the nurse anesthetist. Provides the foundation needed in other basic and clinical science courses in the nurse anesthesia curriculum. Muscles, skeletal elements, vascular and neural supply and significant supporting connective tissues from clinically important anatomical regions are studied. Method of instruction is an equal mixture of lecture and instructor guided laboratory cadaver dissections. Prereq: Admission to the Department of Nurse Anesthesia. Offered: Spring.

#### **NUNA 579 Pharmacology for Advanced Nursing Practice (3)**

Study of the concepts of pharmacology and pharmacotherapeutics used as a means of assessing and analyzing the need for medication, as well as planning, implementing, and evaluating the therapeutic effect of medication. Selected drugs within categories are compared and contrasted for indications, efficacy, therapeutic, and adverse effects, monitoring parameters, dosing principles, and common drug interactions. Offered: Summer.

#### **NUNA 580 Nurse Anesthesia Pharmacology I (3)**

Addresses clinical application of neuromuscular blockers, opioids, intravenous anesthetic agents, monitoring of neuromuscular blocking agents, and drugs such as analgesics, and anesthetic adjuncts. Prereq: Admission to the Department of Nurse Anesthesia. Offered: Spring.

#### **NUNA 581 Nurse Anesthesia Pharmacology II (3)**

Addresses pharmacokinetics, pharmacodynamics, clinical application, and drugs such as inhalation anesthetic agents, analgesics, anesthesia adjuncts, and injectable drugs used to control cardiovascular function. Prereq: NUNA 580. Offered: Summer.

#### **NUNA 582 Nurse Anesthesia Physiology I (3)**

Provides working knowledge of human physiology; how cells, tissues, organs, and organ systems function together to create one organism. Emphasis placed on communication and integration of structure-function relationships at the micro and macro organizational levels, under normal and abnormal conditions. Prereq: Admission to the Department of Nurse Anesthesia. Offered: Spring.

#### **NUNA 583 Nurse Anesthesia Physiology II (3)**

Provides working knowledge of human physiology; how cells, tissues, organs, and organ systems function together to create one organism. Emphasis placed on communication and integration of structure-function relationships at the micro and macro organizational levels, under normal and abnormal conditions. Prereq: NUNA 582.

#### **NUNA 584 Pathophysiology for Nurse Anesthetists (3)**

Exploration of the etiology, processes, and clinical manifestations of disease and the associated anesthesia management of patients with specific disorders. Prereq: NUNA 582. Offered: Fall.

#### **NUNA 590 Nurse Anesthesia Principles I (3)**

Explores the principles of physics including gas laws, fluid dynamics, thermal principles, and mechanisms of vaporization; principles of monitoring including monitoring modalities used in practice of anesthesia, with emphasis on application involved with specialty procedures and pathological states. Prereq: Admission to the Department of Nurse Anesthesia. Offered: Spring.

#### **NUNA 591 Nurse Anesthesia Principles II (3)**

Development of anesthesia management plans, premedication, anesthesia techniques and procedures, equipment use and requirements, fluid management, positioning, infection control, monitoring, and record keeping. Prereq: NUNA 590. Offered: Summer.

#### **NUNA 592 Nurse Anesthesia Principles III (3)**

Focus on major surgical specialties with emphasis on laparoscopic, trauma, out-patient, orthopedic, neurosurgical, ENT, head and neck, gynecologic, thoracic, cardiovascular, urologic, transplant, and plastic procedures. Also included are principles of anesthetic management in the pediatric patient population. Prereq: NUNA 591. Offered: Fall.

#### **NUNA 601 Advanced Physical Assessment (2)**

Application of advanced physical assessment and health history knowledge. Emphasis is placed on learning how to perform and document comprehensive health histories and physical exams. Prereq: NUNA 550. Offered: Fall.

#### **NUNA 640 Obstetric and Regional Anesthesia (5)**

Emphasizes techniques for labor analgesia and operative delivery and regional anesthesia. Obstetric topics include changes in anatomy and physiology during pregnancy, changes in pharmacokinetics and dynamics, and the maternal-fetal interface. Regional anesthesia topics encompass the principles and techniques involved in anesthesia and analgesia. Prereqs: NUNA 550, 581, and 591. Offered: Fall.

#### **NUNA 650 Nurse Anesthesia Seminar I (2)**

Focuses on cognitive and practical application in the areas of pre-anesthetic assessment, formulating a safe and effective anesthetic plan, and post-anesthetic evaluation of care, and evidence-based practice. Provides an opportunity to discuss issues surrounding the graduate student's clinical experiences, inconsistencies in evidence and clinical practice, and adjustment to the clinical anesthesia environment. Prereqs: Completion of all year one didactic coursework of the program. Offered: Spring.

**NUNA 651 Nurse Anesthesia Seminar II (2)**

Focuses on evidenced-based practice and clinical problem solving. The problems explored may be the genesis to capstone project ideas. Explores issues such as quality assurance, contract negotiation, informed consent, and legal/ethical issues related to anesthesia practice. Prereq: NUNA 650. Offered: Summer.

**NUNA 652 Nurse Anesthesia Seminar III (2)**

Development and presentation of the senior capstone project. Exploration of evidence-based clinical practice, investigating practice dilemmas through journal club presentations, anesthesia professional aspects, licensing and governing bodies, discussions related to clinical practice and experiences, and testing for certification exam competency. Prereq: NUNA 651. Offered: Fall.

**NUNA 653 Nurse Anesthesia Seminar IV (2)**

Refining care/case evaluation skills, utilizing evidence-based practice information and journal club presentations. Exposure to conflict resolution and team building concepts. Exploration of anesthesia from a business perspective and the professional role. Testing for certification exam competency. Prereq: NUNA 652. Offered: Spring.

**NUNA 660 Nurse Anesthesia Clinical Practicum I (4)**

Emphasizes clinical anesthesia management, including pre-anesthetic assessment, equipment utilization, and airway management. Prereq: Successful completion of year one didactic coursework in the nurse anesthesia curriculum. Offered: Spring.

**NUNA 661 Nurse Anesthesia Clinical Practicum II (7)**

Emphasizes advanced application of anesthesia principles and techniques in assessment, anesthetic management, and technical skills across specialized patient populations. Prereq: NUNA 660. Offered: Summer.

**NUNA 662 Nurse Anesthesia Clinical Practicum III (7)**

Emphasizes management of patients and procedures with increased complexity and high acuity, demonstrating substantial progress toward self-direction and independence in clinical practice. Prereq: NUNA 661. Offered: Fall.

**NUNA 663 Nurse Anesthesia Clinical Practicum IV (7)**

Emphasizes completion of all clinical requirements of the Department of Nurse Anesthesia, IVMSON, and the Council on Accreditation of Nurse Anesthesia Educational Programs, which would qualify the graduate for certification by the Council on Certification and the Board of Nursing in Alabama, or the graduate's chosen state of practice. Prereq: NUNA 662. Offered: Spring.

**NUNA 698 Clinical Practicum-Independent Study (1-4)**

Guided clinical independent study in nurse anesthesia. Arranged with permission of the director of clinical anesthesia services.

**NUNA 699 Independent Study in Nurse Anesthesia (1-3)**

Content varies with the needs and interests of the student. Credits determined by student and faculty. Offered: TBA.

Beginning 2008-2009, all graduate nursing courses that were formerly NURS now have the NURG prefix. Please refer to the 2007-2008 Samford Catalog for NURS course descriptions.

**NURSING**

**NURG 502 Advanced Practice Nursing in the British Isles (3)**

Study opportunity and observation of the role of the advanced practice nurse in the British health care system. Historical influences on nursing and advanced practice nursing also examined. Prereq: Graduate-level standing or permission of the instructor. Offered: TBA.

**NURG 510 Transition to Professional Nursing Practice (3)**

Introduction to theories, concepts, and knowledge necessary for the transition into professional nursing practice. Emphases are on professional role development; the value of life-long learning; and the trends, issues, values, and standards that shape professional nursing practice. Offered: Spring.

**NURG 511 Health Assessment (4)**

Second RN to MSN transition course. Course content promotes the development of essential professional registered nursing skills and expansion of knowledge base through the study of physical assessment, health promotion and disease prevention strategies, complimentary alternatives, pathophysiology, and cultural spiritual concepts. Prereq/Co-req: NURG 510. Offered: Spring.

**NURG 512 Healthcare Research and Introduction to Statistics (3)**

Professional role development through an introduction to the research process and descriptive statistics. Also, students develop the ability to interpret and use quantitative data necessary to critique and utilize research in order to improve efficacy and effectiveness of nursing interventions. Prereqs: NURG 510 and NURG 511. Offered: Spring.

**NURG 513 Leadership, Management, and Community Health (4)**

Study of theories, concepts, and principles basic to professional nursing practice as a leader and manager in an entry level position, including the creation of a safe environment. Discussion of the provision of nursing to populations in the community. Includes the development of healthcare policy, and the organization and financing of healthcare systems. Prereqs: NURG 510 and NURG 511. Offered: Summer.

**NURG 514 Health Promotion for Diverse Populations (3)**

Exploration of theories, concepts, and research as a framework for advanced practice care in promoting health in diverse populations. The impact of cultural differences on health behaviors and health promotion activities as well as ethical principles, administration planning models, and appropriate funding are also examined. Co-listed as NUNA 514. Prereq: Admission to graduate program. Offered: Fall.

**NURG 515 Statistical Methods for Evidence-Based Practice (3)**

Study of parametric and nonparametric inferential statistical tests with an emphasis on the hypothesis testing process. Includes power analysis and graphing techniques. These statistics are necessary to critique, utilize, and conduct nursing research to provide evidence for practice. Co-listed as NUNA 515. Prereq: Admission to the M.S.N. Program. Offered: Fall.

**NURG 516 Theories and Research Principles in Advanced Nursing Practice (3)**

Critical analyses of theory and research and their uses for advanced nursing practice. Various methods for gathering evidence-based data in developing scientific knowledge for practice also examined. Content includes selected theories/models from nursing and related fields which serve as a framework for research for advanced nursing practice. Theory and research methodologies will be used as a basis for implementation and evaluation of selected quality improvement projects. Co-listed as NUNA 516. Prereq: Admission to graduate program and completion of graduate statistics course. Offered: Spring.

**NURG 517 Policy, Organization, and Financing of Health Care (3)**

Management and servant leadership theories are applied to the advanced practice nurse role. Economic theory and the financing of health care organizations, resource management, analysis and monitoring of the financial impact of decisions are explored in the development of a business/department specific to the student's advanced practice role. Ethical, legal, financial, and social issues in policy and politics in the government, professional organizations, the community, and the workplace are reviewed. Co-listed as NUNA 517. Prereq: Admission to graduate program. Offered: Spring.

**NURG 531 Basic Preparation for Parish Nurses (3)**

Study of concepts basic to the practice of parish nursing, including integration of faith and health; roles of the parish nurse in a health ministry; and congregational assessment, planning, implementation, and evaluation of a health ministry. Prereq: Permission of the instructor. Offered: TBA.

**NURG 533 Advanced Physiology and Pathophysiology (3)**

Study of physiologic concepts, adaptations, and alterations that occur in selected-disease processes using a systems approach. Building upon previously learned principles of physiology and pathophysiology, knowledge gained in this course serves as a basis for understanding the rationale for assessment and evaluation of therapeutic interventions learned in advanced clinical nursing courses. Required for all students in the advanced practice nursing courses (FNP) and all educator students. Offered: Spring.

**NURG 540 Managing within a Health Care Organization (3)**

Study of behaviors, design, and management functions of organizations based on classic and contemporary theories. Leadership behaviors and the unique role of the nurse manager are explored. Emphasis on the communicating tools of persuading, negotiating, conflict resolution and team building and listening. Theory and techniques of changing and improving organizations also examined. Ideal foundational course for the management student. Offered: Fall.

**NURG 541 Nursing Management of Clinical Systems (3)**

Review of patient care delivery models within the context of clinical systems and the medical staff. Legal, regulatory, and ethical issues affecting the administration of clinical systems and clinical research are discussed. Includes review of accreditation requirements, physical plant, and materials management. Also includes exploration of the relationship between evidenced-based practice, continuous quality improvement, outcomes, patient satisfaction, and evaluation. Impact of technology also discussed. Prereqs: All core nursing courses. Offered: Fall.

**NURG 542 Nursing Management of Human Resources (3)**

Review of work force planning, job design, legal requirements, benefits and human resource policies and procedures. Recruitment and retention strategies are discussed in detail. Employee benefits and assistance programs also reviewed. Includes examination of metrics of human resource management, including turnover and vacancy rates and the relationship between staff satisfaction and patient satisfaction. Competencies, performance evaluation, career planning and coaching are reviewed in detail. Prereqs: All core nursing courses. Offered: Fall.

**NURG 543 Introduction to Health Care Finance (3)**

Examination of finance and accounting principles as they relate specifically to the financing of healthcare. The role of the finance department within the health care organization is presented. Includes review of ways to measure and evaluate the financial condition of a health care organization and how to understand and analyze financial statements. Short and long term financing needs and strategies of a health care organization are discussed. Profitability, price and the cost of health care also examined. Prereq: NURG 517. Offered: Spring.

**NURG 544 Finance and Budgeting for Nursing Systems (3)**

Examination of revenue and expense aspects of managing nursing and clinical systems, including building an operating and capital budget. Includes detailed exploration of productivity, patient classification systems and staffing. In addition to labor expenses, non labor expenses also reviewed as well as how to understand variance reporting in order to identify causes. Prereqs: Core and NURG 543. Offered: Fall.

**NURG 600 Common Diagnostics/Procedures (3)**

Focus on acquisition of knowledge related to common lab, diagnostic tests, and procedures routinely performed, ordered, and interpreted by advanced practice nurses. Prereq: Admission to graduate nursing program or permission of instructor. Co-reqs: NURG 514 and NURG 515. Offered: Fall.

**NURG 601 Advanced Physical Assessment (3)**

Focus on comprehensive advanced health and physical assessment of individuals. Emphasis on learning how to take and interpret comprehensive health histories and perform accurate advanced physical exams. Prereq: NURG 533; admission to RN-MSN graduate program or permission of instructor. Co-req: NURG 633. Offered: Summer.

**NURG 602 Family Practice I: Care of Adults (6)**

First clinical course in the family nurse practitioner track. Focus on identifying and managing common acute and chronic health care problems in the adult client. Health promotion and disease prevention strategies for the adult are emphasized. Prereq: NURG 533, 600, 601, and 633; and admission to graduate nursing program. Co-req: NURG 603. Offered: Fall.

**NURG 603 Family Practice II: Care of Women (3)**

Second clinical course in the family nurse practitioner track. Focus on identifying and managing common acute and chronic health care problems in the female client. Health promotion and disease prevention strategies for female clients are emphasized. Prereq: NURG 533, 600, 601, and 633; and admission to graduate nursing program. Co-req: NURG 602. Offered: Fall.

**NURG 604 Family Practice III: Care of Children (3)**

Third clinical course in the family nurse practitioner track. Focus on identifying and managing common acute and chronic health care problems in the pediatric client. Immunizations, developmental assessments, and health promotion and disease prevention strategies for pediatric clients are emphasized. Prereq: NURG 602 and NURG 603; and admission to graduate nursing program. Co-req: NURG 605. Offered: Spring.

**NURG 605 Family Practice IV: Residency (6)**

Fourth and final clinical course in the family nurse practitioner track. Focus on synthesis and application of knowledge and skills gained from previous courses and intensive practice in the role of an advanced family nurse practitioner. Emphasis on the provision of safe, quality, cost-effective, evidenced-based health care, with attention to appropriate health promotion and disease prevention education to clients across the lifespan. Prereq: NURG 602 and NURG 603; and admission to graduate nursing program. Co-req: NURG 604. Offered: Spring.

**NURG 610 Principles of Teaching-Learning (3)**

Emphasis on principles of teaching-learning, learning theories, learning styles, and how these principles can be used in planning teaching-learning experiences, appropriate for various learning styles. Open to students in all M.S.N. tracks in the School of Nursing and to graduate students in other disciplines. Prereqs: Admission to graduate program or permission of instructor. Co-reqs: NURG 514 and NURG 515. Offered: Fall.

**NURG 611 Nurse Educator Role in Curriculum Development (3)**

Introduction for the nurse educator student to the process of curriculum and course development, including curricular components, philosophical foundation, writing objectives, selection of learning experiences, and factors and issues influencing curriculum development. Prereqs: All first year graduate courses and NURG 601 and NURG 610. Co-reqs: NURG 612 and NURG 613. Offered: Fall.

**NURG 612 Nurse Educator Role in Student Evaluation (3)**

Introduction to general evaluation principles and theories necessary for student evaluation in nursing education. Includes test construction and evaluation of clinical performance, classroom assessments, standardized testing, program outcomes, admission/progression requirements. Evaluation of curriculum and faculty will also be discussed. Prereqs: All first year graduate courses and NURG 601 and NURG 610. Co-reqs: NURG 611 and NURG 613. Offered: Fall.

### **NURG 613 Capstone Seminar (2)**

Focus on the practical application of evaluation theory and principles with emphasis on quality management and development of the capstone project proposal. Prereqs: All first year graduate courses and NURG 601 and NURG 610. Co-reqs: NURG 611 and NURG 612. Offered: Fall.

### **NURG 614 Nurse Educator Role Transition and Practicum (8)**

Examination of role theory for transition to advanced practice roles in nursing education. Includes study of legal/ethical aspects of nursing education, trends and issues in nursing education, and role expectations for both classroom and clinical teaching. Practicum provides an opportunity to demonstrate synthesis, refinement, and application of nursing, educational, and evaluation theory in a variety of educational settings. Prereqs: NURG 611, 612, and 613. Offered: Spring.

### **NURG 615 Role Transition (2-4)**

Examination of role theory for transition to advanced practice roles in nursing education. Includes study of legal-ethical aspects of nursing education, trends and issues in nursing education, and role expectations for the nurse educator. Open only to students in post-master's education certificate program. Prereqs: NURG 610, 611, and 612. Offered: Spring.

### **NURG 633 Pharmacotherapeutics for APRN (3)**

Focus is on application of pharmacotherapeutic concepts: prescribing safe, appropriate medication for clients across the lifespan; and management of clients taking therapeutic agents. Common medications are compared and contrasted for indications, efficacy, therapeutic and adverse effects, monitoring parameters, dosing principles, and drug interactions. Legal and ethical implications of pharmacotherapeutics will be addressed, as well as elements of prescription writing. Course is repeatable for a maximum of 6 credits. Prereqs or Co-reqs: NURG 533 and permission of the instructor. Offered: Summer.

### **NURG 644 Nursing Management Seminar (3)**

Analysis and evaluation of complex organization and clinical systems, integrating previous course work. The use of technology in implementing and facilitating the role of the nurse manager is discussed. The use of nursing languages in the clinical setting is also reviewed. Prereq: Completion of graduate core courses. Co-req: Final course in the School of Business and NURG 645. Offered: Fall or Spring.

### **NURG 645 Nurse Executive Seminar (4)**

Analysis and evaluation of complex organizational and clinical systems, integrating previous course work. The use of technology in implementing and facilitating the role of the nurse executive is discussed. The use of nursing languages in the clinical setting also reviewed. Prereq: Completion of graduate core courses. May be taken after or concurrently with MNGT 561. Co-req: NURG 658. Offered: Fall or Spring.

### **NURG 657 Nursing Management Practicum (5)**

Practice within an organization provides an arena for the synthesis and application of knowledge and skills learned in previous courses. Course includes a 300-hour practicum requirement in an organization that facilitates the student's individualized learning objectives, and builds on the student's previous experiences and career goals. Students become actively involved in the role of the nurse manager and are expected to assume responsibility for, or participate in, organizational-level projects under the direction of the preceptor. Prereqs/Co-reqs: Completion of graduate core nursing courses and NURG 644. Offered: Fall.

### **NURG 658 Nursing Executive Practicum (5)**

Practice within an organization provides an arena for the synthesis and application of knowledge and skills learned in previous courses. Course includes a 300-hour practicum requirement in an organization that facilitates the student's individualized learning objectives, and builds on the student's previous experiences and career goals. Students become actively involved in the role of the nurse executive and are expected to assume responsibility for, or participate in, organizational-level projects under the direction of the preceptor. May be taken after or concurrently with MNGT 561. Prereq: Completion of graduate core courses. Co-req: NURG 645. Offered: Fall or Spring.

### **NURG 670 Seminar I for Advanced Practice Nurses (4)**

Development of a portfolio for validation of the achievements and competencies of the advanced practice nurse/student entering the degree completion program. Exploration of adult learning theories and theoretical bases of portfolio assessments to provide evidence and to demonstrate past achievements and future educational needs. Development of strategies to meet specific educational goals. Offered: Fall, Spring, and Summer.

### **NURG 671 Seminar II for Advanced Practice Nurses (4)**

Second of a three-seminar series in the degree completion program for clinically active nurse anesthetists. This seminar focuses specifically on continued portfolio development and goal establishment. Students will be introduced to evidence-based practice principles and clinical problem-solving methods. Prereqs: NURG 670. Offered: Fall, Spring, and Summer.

### **NURG 672 Seminar III for Advanced Practice Nurses (4)**

Third of a three-seminar series in the degree completion program for clinically active nurse anesthetists. This seminar focuses on completion of portfolio development and goal establishment, and abstract development from current professional journals. Prereqs: NURG 671. Offered: Fall, Spring, and Summer.

### **NURG 673 Capstone for Advanced Practice Nurses (6)**

Capstone is a culminating experience designed to provide the student with opportunity to demonstrate synthesis of knowledge, practice, and skills developed throughout the program of study. A final project will reflect the integration of research methodology, theory, and advanced nursing practice in an area of specialization. The project may consist of a written manuscript, oral presentation, or other approved product. Grading is pass/fail. Prereqs: NURG 672. Offered: Fall, Spring, and Summer.

### **NURG 699 Independent Study in Nursing (1-3)**

Credits determined by student and faculty. Offered: TBA.



## Doctoral Programs and Requirements

### Degrees/Majors

Doctor of Nursing Practice (D.N.P.)

- Academic Educator
- Administration
- Advance Practice

### Doctor of Nursing Practice (D.N.P.)

The doctor of nursing practice (D.N.P.) is a terminal degree in nursing that can be completed in one calendar year of full-time study or in two years of part-time study. The D.N.P. program will fulfill a need within the profession for advanced practice nurses who can provide leadership in the healthcare system of the 21st century. The D.N.P. will be a visionary leader for the practice of nursing and the delivery of health care in all settings. This program prepares graduates to demonstrate competencies, including organizational and systems leadership, advanced clinical skills, the ability to mobilize interdisciplinary teams, the ability to establish collaborative relationships to solve complex clinical problems, and to initiate policy and programmatic changes. The D.N.P. program will prepare clinicians (nurse practitioners, nurse anesthetists, and clinical nurse specialists) and nurse administrators and educators for leadership roles, evidence-based practice, and to fully implement the emerging science and practice innovations in health care.

#### D.N.P. Outcomes

At the completion of the D.N.P. program, graduates will be able to:

1. Practice at the highest level of nursing by integrating nursing science and the biophysical, psychosocial, analytical, organizational and public health sciences to improve health, nursing and education outcomes;
2. Integrate advanced critical reasoning and judgment in the management of complex clinical situations and systems;
3. Assimilate ethical principles, personal beliefs, and Christian values to provide a framework for advanced nursing practice;
4. Engage in scholarship and analytical methods for evidence-based practice to effect optimal outcomes;
5. Apply information systems and technology for the provision and/or transformation of health care delivery, nursing practice and education;
6. Participate in interdisciplinary collaboration for the improvement of individual and population health outcomes;
7. Advocate change in health care practice through policy development, implementation and evaluation.

#### Progression Policies

In order to progress in the doctoral program in the School of Nursing, the student must:

1. Have a completed Health Data Record (with all required immunizations) updated annually and on file in Student Health Services and the School of Nursing.
2. Document and keep current the following requirements:
  - a. Personal health insurance
  - b. Professional liability insurance
  - c. BLS certification
3. Adhere to the Code of Ethical/Professional Conduct as specified in this catalog.
4. Possess a current unencumbered registered nursing license.
5. Submit to drug testing and background check prior to entering the first clinical or specialty course in each doctoral nursing track.
6. Students maintain a 3.0 GPA throughout the program.

### Admission Requirements

The Ida V. Moffett School of Nursing considers all applications on a competitive basis. The applicant submits a professional portfolio package that includes:

1. Earned master of science in nursing degree from a NLN or CCNE accredited program with a GPA of 3.50 or higher.\*
2. Completed School of Nursing D.N.P. application.
3. \$35.00 application fee.
4. Curriculum vitae or résumé.
5. Verification of post baccalaureate clinical/practice hours.
6. Performance standards for admission and progression.
7. Two official transcripts in sealed envelopes from all colleges and universities attended (must show proof of statistics course completed within the last seven years).
8. Copy of active, current, unrestricted registered nursing license in the state of practice and residence.
9. Evidence of certification in an advanced practice specialty when applicable.
10. Three letters of reference (at least one from a former dean or faculty member and two professional references). References should attest to the applicant's academic ability and potential.
11. Statement of reason(s) for seeking the D.N.P.
12. Narrative description of current and past clinical practice.
13. A one-to-two page paper identifying an evidenced-based practice project that you are interested in. This could be a practice improvement issue, a clinical management problem, or an area of clinical research that the applicant will address while in the D.N.P. program. The paper should cite appropriate sources and follow APA format. In addition, the applicant must be able to identify key resources (personnel, preceptors, institutions) necessary to complete the project.

A maximum of 12 graduate hours may be transferred in from an accredited college or university program.

\* Applicants with unique credentials will be considered on a case-by-case basis.

### Doctor of Nursing Practice: Core Courses

<b>Doctor of Nursing Practice: Required Core Courses for All Tracks</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
NURG 700	Theory & Philosophy of Nursing Practice	3	
NURG 701	Methods for Evidence-Based Practice	3	
NURG 702	Biostatistics	3	
NURG 703	Information Systems & Technology	3	
NURG 704	Population Health	3	
NURG 705	Advanced Practice Leadership	3	
<b>Total Required Credits</b>			<b>18</b>

### Doctor of Nursing Practice: Academic Educator

<b>Doctor of Nursing Practice: Academic Educator Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Core Course Requirements</b>			<b>18</b>
<b>Academic Educator</b>			<b>19-21</b>
NURG 710	Teaching/Learning Principles	3	
NURG 711	Nurse Faculty Role in Curriculum Dev	3	
NURG 712	Nurse Faculty Role in Program Evaluation	3	
NURG 714	Nurse Faculty Practicum	6-8	
NURG 760	DNP Capstone Project I	2	
NURG 761	DNP Capstone Project II	2	
<b>Total Required Credits</b>			<b>37-39</b>

### Doctor of Nursing Practice: Administration

<b>Doctor of Nursing Practice: Administration Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Core Course Requirements</b>			<b>18</b>
<b>Administration</b>			<b>19-21</b>
NURG 720	Administrative & Organizational Theory	3	
NURG 721	Strategic Management of Organizations	3	
NURG 722	Administrative & Organizational Controls	3	
NURG 725	Nurse Administrator Practicum	6-8	
NURG 760	DNP Capstone Project I	2	
NURG 761	DNP Capstone Project II	2	
<b>Total Required Credits</b>			<b>37-39</b>

### Doctor of Nursing Practice: Advanced Practice

<b>Doctor of Nursing Practice: Advanced Practice Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Core Course Requirements</b>			<b>18</b>
<b>Advanced Practice</b>			<b>19-21</b>
NURG 740	Resource Planning for the Advanced Practice Nurse	3	
NURG 741	Contemporary Issues within Vulnerable Populations	3	
NURG 742	Emerging Diseases/Genetics/Health Trends	3	
NURG 745	Advanced Practice Practicum	6-8	
NURG 760	DNP Capstone Project I	2	
NURG 761	DNP Capstone Project II	2	
<b>Total Required Credits</b>			<b>37-39</b>

### Doctoral-Level Courses

#### NURG 700 Theory and Philosophy of Nursing Practice (3)

Study of philosophy of science and its relationship to the philosophy of nursing as the basis for the highest level of nursing practice. Theory development is explored from the perspective of nursing science, ethics, and the biophysical, psychosocial, analytical, and organizational sciences, and is related to its application in effecting change in health care, administration, and education. Selected metaparadigms and theories from scientific disciplines are analyzed and applied to advanced nursing practice. Prereq: Admission to the D.N.P. Program. Offered: Summer.

#### NURG 701 Methods for Evidence-Based Practice (3)

Study of critical analysis and utilization of research evidence to improve health care outcomes, advance the nursing profession, and effect health care policy. Emphasis is on the transformation of research knowledge into nursing practice through planned change processes and includes an in depth study of the steps involved in implementing evidence-based practice. Activities are designed to facilitate development of the Capstone project. Prereq: Admission to the D.N.P. Program. Offered: Summer.

#### NURG 702 Biostatistics (3)

Focuses on understanding and applying multivariate quantitative statistical methods and meta-analysis. Students will explore sources of data management and a variety of multivariate statistical methods to enhance abilities to critique research for evidence-based practice. Students will gain knowledge required to critique and conduct a meta-analysis to contribute high level evidence to nursing practice and improve health care outcomes. Prereq: Admission to the D.N.P. Program. Offered: Summer.

#### NURG 703 Information Systems and Technology (3)

Exploration of information systems technology and patient care technology for the provision and/or transformation of health care. Students will evaluate the design and application of selected information systems used to achieve program outcomes and quality improvement initiatives, as well as to support practice, the effectiveness of clinical and administrative decision-making, and the appropriateness of consumer health information. When evaluating information system technology and patient care technology, students will apply knowledge of standards and principles related to ethical, regulatory, and legal issues. Prereq: Admission to the D.N.P. Program. Offered: Fall.

#### NURG 704 Population Health (3)

Examines and analyzes the interdependence of the care delivery issues of health disparities, culture, ethics, globalization, access, economics, equity, and social justice in the development of health policy and the delivery of health care. Students will evaluate the effectiveness of health systems and health policy in improving the health of individuals and populations. Prereq: Admission to the D.N.P. Program. Offered: Fall.

#### NURG 705 Advanced Practice Leadership (3)

Examination of advance communication skills and other leadership behaviors used in the development of collaborative interdisciplinary relationships to achieve cost effective and quality-based decisions within health care organizations. Prereq: Admission to the D.N.P. Program. Offered: Spring.

#### NURG 710 Teaching-Learning Principles (3)

Emphasis on principles of teaching-learning, learning theories, learning styles, and how these principles can be used in planning teaching-learning experiences appropriate for various learning styles and level of learner. Includes 45 hours of field experience to be arranged based on individual student needs and objectives. Prereq: Admission to the D.N.P. Program. Offered: Summer.

**NURG 711 Nurse Faculty Role in Curriculum Development (3)**

Introduction of the nurse educator student to the process of curriculum and course development, including curricular components, philosophical foundation, writing objectives, selection of learning experiences, and factors and issues influencing curriculum development. Curriculum development at both graduate and undergraduate levels will be explored. Includes 45 hours of field experience to be arranged based on individual student needs and objectives. Prereq: NURG 710. Offered: Fall.

**NURG 712 Nurse Faculty Role in Program Evaluation (3)**

Introduction to the general evaluation principles and theory necessary for design and development of an evaluation plan in nursing education, including test construction, clinical evaluation, additional data collection instruments, as well as utilization of data in outcomes assessment and management. Includes 45 hours of field experience to be arranged based on individual student needs and objectives. Prereq: NURG 711. Offered: Spring.

**NURG 714 Nurse Faculty Practicum (6-8)**

Emphasis on application of role theory in actualizing the multidimensional roles of the nurse faculty. Additionally, the student will explore the impact of current trends and issues on the faculty role in higher education. The practicum provides an opportunity for students to assume the role of faculty in institutions of higher education. Six (6) credits require a minimum of 270 practice hours; 7 credits require a minimum of 315 practice hours; 8 credits require a minimum of 360 practice hours. It should be noted that a minimum of 1,000 hours of supervised clinical practicum, post-baccalaureate, are required for completion of the D.N.P. Co-req: NURG 712. Prereqs: All D.N.P. Core Courses and NURG 760. Offered: Spring.

**NURG 720 Administrative and Organizational Theory (3)**

Traces the evolution of administrative and organizational theory; examines various metaphors for understanding organizations; addresses the administrative process; assists administrators to “read” complex organizations and to utilize this knowledge and understanding to become more effective leaders and administrators. Includes 45 hours of field experience to be arranged based on individual student needs and objectives. Prereq: Admission to the D.N.P. Program or instructor’s permission. Offered: Summer.

**NURG 721 Strategic Management of Organizations (3)**

Focuses on the three major aspects of strategic management—strategy formulation, strategy implementation, and strategy control. Additionally, a comparison of two schools of strategic management (prescriptive versus descriptive) are explored, along with a categorization of the essential characteristics of strategic planning. Includes 45 hours of field experience to be arranged based on individual student needs and objectives. Prereq: NURG 720. Offered: Fall.

**NURG 722 Administrative and Organizational Controls (3)**

Addresses the function and process of managerial control as it relates to achieving organizational strategic plans. Utilizes a systems theory approach; provides direction in attaining planned objectives at the operational, organizational, and policy levels. Various theories of control and measurement in relation to organizational resources and information requirements are examined. Includes 45 hours of field experience to be arranged based on individual student needs and objectives. Prereq: NURG 721. Offered: Spring.

**NURG 725 Nurse Administrator Practicum (6-8)**

A culminating experience that provides an organizational-based practice setting in which the student synthesizes and applies knowledge and skills learned in previous doctoral-level courses and actuates the role of administrator. Emphasis on application of role theory in actualizing the multidimensional roles of the nurse administrator in complex health service organizations or institutions of higher education. Additionally, the student will explore the impact of current trends and issues on the administrative role in complex organizations. Six (6) credits require a minimum of 270 practice hours; 7 credits require a minimum of 315 practice hours; 8 credits require a minimum of 360 practice hours. Co-req: NURG 722. Prereqs: All D.N.P. Core Courses and NURG 760. Offered: Spring.

**NURG 740 Resource Planning for the Advanced Practice Nurse (3)**

Explore available avenues to fund projects in the students’ specific areas of interest. The course will explore complex resource planning issues and offer solutions to associated challenges. In addition, the students will learn to apply best-practice capital management in a variety of settings. The student will identify essential objectives, incorporate appropriate methodology, and formulate a comprehensive budget as part of a clear and focused funding proposal. Includes 45 hours of field experience to be arranged based on individual student needs and objectives. Prereq: Admission to the D.N.P. Program. Offered: Summer.

**NURG 741 Contemporary Issues within Vulnerable Populations (3)**

Focus on assessing domestic and international issues that impact vulnerable patient populations and the interventions and evidence that support the highest level of nursing practice. Includes 45 hours of field experience to be arranged based on individual student needs and objectives. Prereq: NURG 740. Offered: Fall.

**NURG 742 Emerging Diseases, Genetics, and Health Trends (3)**

Focuses on three substantive areas—emerging infectious diseases, genetics, and health trends—as each relate to the role of the advanced practice nurse and impact the students’ individual areas of interest. Includes 45 hours of field experience to be arranged based on individual student needs and objectives. Prereq: NURG 741. Offered: Spring.

**NURG 745 Advanced Practice Practicum (6-8)**

Course builds upon advanced nursing competencies developed at the master’s level, the D.N.P. core curriculum, and advanced practice specialty courses, to expand knowledge for expert nursing practice. Students are expected to enhance practice and/or systems management skills, including clinical reasoning, and advance to a higher level of expertise in their chosen specialty area. The student will develop an individualized prospectus for his/her practicum in collaboration with a faculty advisor to complete a minimum of 500 post-M.S.N. clinical practice hours. Six (6) credits require a minimum of 270 practice hours; 7 credits require a minimum of 315 practice hours; 8 credits require a minimum of 360 practice hours. Co-req: NURG 761. Prereqs: All D.N.P. core and specialty courses and NURG 760. Offered: Spring.

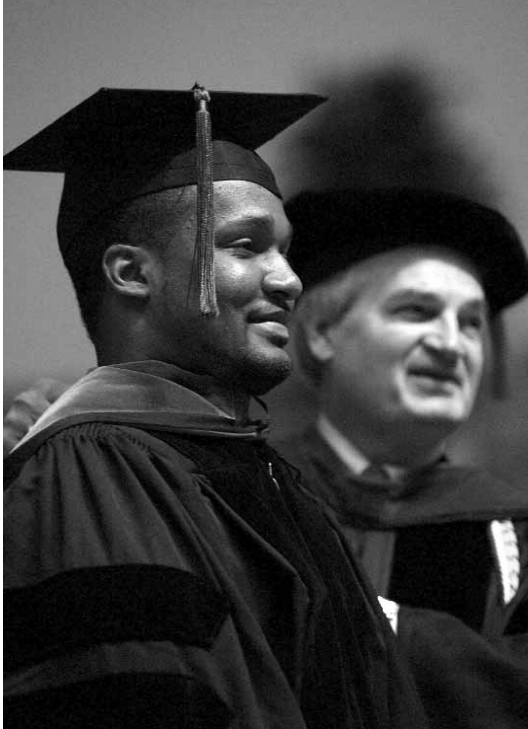
**NURG 760 DNP Capstone Project I (2)**

Focuses on identification of topic and development of a plan for completing the D.N.P. capstone project. Under the direction of two faculty members, students formulate a plan to solve a problem and/or contribute to the advancement of the nursing profession through evidence-based practice. May be repeated for maximum of 8 credits. Grading is pass/fail. Prereqs: NURG 701 and NURG 702. Offered: Fall, Spring, and Summer.

**NURG 761 DNP Capstone Project II (2)**

Focuses on implementation and presentation of the D.N.P. capstone project designed to improve health care outcomes. Students critique the clinical projects of classmates. Working independently under the direction of two faculty members, students culminate the program of study as they present their capstone projects. May be repeated for maximum of 8 credits. Grading is pass/fail. Prereq: NURG 760. Offered: Fall, Spring, and Summer.

# McWhorter School of Pharmacy



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## Administration

Charles D. Sands, III, Fred E. McWhorter Dean and Professor  
Michael G. Kendrach, Associate Dean for Academic Affairs, Professor  
Susan P. Alverson, Associate Dean for Student and Alumni Affairs, Assistant Professor  
Marshall E. Cates, Assistant Dean for Student Affairs, Professor  
Paula A. Thompson, Interim Chair, Pharmacy Practice, Associate Professor  
Amy E. Broeseker, Interim Chair, Pharmaceutical, Social and Administrative Sciences, Associate Professor  
Michael D. Hogue, Director, Experiential Programs, Associate Professor  
Maisha Kelly Freeman, Director, Global Drug Information Center, Associate Professor  
Mary R. Monk-Tutor, Director of Assessment, Professor  
Patricia B. Naro, Director of Introductory Pharmacy Practice Experience, Assistant Professor

## Faculty

Robert P. Henderson, Professor  
Roger D. Lander, Professor  
Robert M. Riggs, Professor  
Robert H. Schrimsher, Professor  
Pamela J. Sims, Professor  
Kimberley W. Benner, Associate Professor  
Gary W. Bumgarner, Associate Professor  
Valerie T. Prince, Associate Professor  
Condit F. Steil, Associate Professor  
Teresa A. Wilborn, Associate Professor  
Mary A. Worthington, Associate Professor  
John J. Arnold, Assistant Professor  
Jennifer W. Beall, Assistant Professor  
Erika M. Cretton-Scott, Assistant Professor  
Danielle L. Cruthirds, Assistant Professor  
B. DeeAnn Dugan, Assistant Professor  
Maryam Iranikhah, Assistant Professor  
Jeffrey A. Kyle, Assistant Professor  
Andrew J. Lampkins, Assistant Professor  
Michael W. Lee, Assistant Professor  
David R. Luthin, Assistant Professor  
D'Andrea F. Skipwith, Assistant Professor  
Stephen R. Stricker, Assistant Professor  
Ami M. Teague, Assistant Professor  
Angela D. Thomason, Assistant Professor  
Bruce A. Waldrop, Assistant Professor  
Terri M. Wensel, Assistant Professor  
C. Whitney White, Assistant Professor  
Mark W. Todd, Affiliate Professor  
Hossein Dovlatbadi, Affiliate Assistant Professor  
Gregory S. Gorman, Affiliate Assistant Professor  
Xuan-Dao T. Pham, Affiliate Assistant Professor  
Bo Xu, Affiliate Assistant Professor

## History

The McWhorter School of Pharmacy of Samford University was established January 31, 1927, in Birmingham, Alabama as the Howard College Department of Pharmacy. The Department grew steadily and became the Division of Pharmacy in 1938. Designation as the Samford University School of Pharmacy occurred in 1965 when Howard College reorganized to become Samford University. In 1995, Samford University Trustees authorized naming the school the McWhorter School of Pharmacy in recognition of the generous support of alumnus R. Clayton McWhorter ('55) and his family. In 2002, the School celebrated its 75th year of operation.

## Mission and Vision

The mission of the Samford University McWhorter School of Pharmacy is to nurture and prepare persons within a Christian environment to be exemplary pharmacists and to improve health worldwide through innovative pharmacy practice, scholarship, and service.

The vision of the pharmacy school is to empower pharmacy professionals to improve health worldwide by exhibiting the highest standards of quality in education, scholarship, practice, and service, and to be a leader among schools of pharmacy in meeting the challenges of health care in the future.

The pharmacy school supports the Joint Commission of Pharmacy Practitioners (JCPP) statement of a unified vision for the future of pharmacy practice that states that "Pharmacists will be the health care professionals responsible for providing patient care that ensures optimal medication therapy outcomes."

## Curriculum Outcome

A doctor of pharmacy graduate from the McWhorter School of Pharmacy is one who is prepared to:

- Render exemplary pharmaceutical care
- Succeed in a postgraduate training or degree program
- Pursue life-long learning
- Advance the practice and profession of pharmacy

## Ability-Based Outcomes

- **Communication:** The student will demonstrate effective written and verbal communication skills.
- **Professionalism:** The student will demonstrate professional behavior in all school-related activities.
- **Evidence-Based Practice:** The student will demonstrate competency in using drug information skills to promote evidence-based practice.
- **Practice Management:** The student will be able to apply management principles to the practice of pharmacy.
- **Critical Thinking:** The student will effectively evaluate information and critically think through issues to provide appropriate solutions to drug-related problems.
- **Pharmaceutical Care:** The student will exercise appropriate clinical judgments to provide optimal pharmaceutical care to patients with common disease states.

## Accreditation

The McWhorter School of Pharmacy is accredited by the Accreditation Council for Pharmacy Education, 20 North Clark Street, Suite 2500, Chicago IL 60602, telephone (312) 664-3575. Web address: [www.acpe-accredit.org](http://www.acpe-accredit.org).

## McWhorter School of Pharmacy Organizations

Academy of Managed Care Pharmacy  
 American Pharmacists Association Academy of Student Pharmacists  
 Christian Pharmacy Fellowship  
 Kappa Psi Pharmaceutical Fraternity  
 National Community Pharmacists Association  
 Phi Lambda Sigma (Leadership Society)  
 Rho Chi Society (Academic Honor Society)  
 Student Society of Health-System Pharmacy  
 Student National Pharmaceutical Association

## Academic Program and Requirements

### Degree

Doctor of Pharmacy (Pharm.D.)

### Admission Policies

For the most up-to-date information on admissions policies, please visit our Web site at <http://pharmacy.samford.edu>.

All communications regarding admission should be directed to the director of external relations and pharmacy admissions in the McWhorter School of Pharmacy (MSOP). Applications are considered on a competitive basis by the MSOP Admissions Committee. The committee meets regularly beginning in January and notifies applicants as decisions are made. No student can be considered for admission to the program until 20 semester credits of core math and science coursework and 45 credits of total coursework have been completed. Applicants must have completed the first course in organic chemistry to be considered. Applicants to the pharmacy school must have a 2.75 grade point average (GPA) overall at the time of application and complete all coursework in the pre-pharmacy curriculum with at least a 2.75 GPA both overall and in required math and science courses to meet admissions standards. A prior baccalaureate degree is preferred. Students with better admissions profiles are given admissions priority. Applicants who are international students, or American citizens who learned English as a second language, must demonstrate satisfactory written and verbal communication skills in English as a part of the admissions process.

For an applicant to be considered for admission, all admission materials must be submitted by **February 1**. This deadline may be extended if the entering class is not filled. To make application to the MSOP, the applicant must complete the national online application at [www.PharmCAS.org](http://www.PharmCAS.org). References are processed through PharmCAS. This online process allows the applicant to apply to approximately 74 pharmacy schools throughout the nation. Official transcripts, essay, and PCAT scores are sent to PharmCAS and then forwarded to every pharmacy school the applicant designates. The link to the online supplemental application is located at our Web site: <http://pharmacy.samford.edu>. The PCAT and ACT or SAT scores are required. The ACT/SAT score should be sent directly to the MSOP and **not** PharmCAS. Waiver of the ACT/SAT is granted to the applicant who has earned a prior B.S. or B.A. degree, is over 30 years of age, or has English as the applicant's second language and the applicant did not attend high school in the U.S. (See page four of the supplemental application for more information.) After an applicant is notified of acceptance, but before he or she enrolls in the pharmacy school, official transcripts must be sent directly to Samford University. Applicants are welcome to visit the school while their applications are under consideration. An interview on campus at the applicant's expense is required for applicants invited for admission consideration.

Final decisions regarding admission are made by May 15. Students may be accepted from a rank-ordered alternate list approved for admission after this date if previously accepted students decline the opportunity to enter the program. Students who are notified of acceptance to the pharmacy school must return a deposit of \$450 within a specified period of time to reserve a place in the class. The \$450 deposit is not refundable but will apply toward tuition for the first semester in residence.

Students who have been accepted by the MSOP may be denied admission just prior to or at the time of enrollment for: (1) failure to submit final transcripts of all college work completed at another institution, (2) a significant drop in grade point average, (3) failure to meet any academic stipulations set forth in the letter of acceptance, and/or (4) proven behavior that is not well-suited for the responsibilities and privileges embodied in the practice of pharmacy.

After notification of admission to the pharmacy school, students are expected to learn medical terminology on a self-study basis and be prepared for a proficiency examination during the introductory week at the start of the fall semester.

## Pre-Pharmacy Curriculum

The doctor of pharmacy degree at Samford University requires a minimum of six years of college work consistent with the standards set by the Accreditation Council for Pharmacy Education (ACPE). Candidates have the option of enrolling in Samford University for the entire program or completing up to two years of pre-pharmacy studies elsewhere and then completing the professional curriculum at Samford. Pre-pharmacy courses equivalent to those listed on this page may be completed at any accredited junior college, community college, college, or university. Students entering Samford University as freshmen and enrolling in the pre-pharmacy program must follow the Samford pre-pharmacy curriculum, which includes the core curriculum courses unique to Samford University. Students enrolling at other institutions and expecting to transfer to the MSOP should complete the pre-pharmacy curriculum for transfer students. Pre-pharmacy students at other institutions are encouraged to work closely with the pre-pharmacy or health sciences advisor to assure the courses they take are consistent with the pre-pharmacy curriculum. Students are encouraged to contact the director of external relations and pharmacy admissions at the MSOP for answers to specific questions at (205) 726-2982 or (205) 726-4242. It is the student's responsibility to satisfy all prerequisite coursework requirements.

The pre-pharmacy curriculum includes courses in the arts, humanities, and sciences in order to provide students with a well-rounded liberal arts education. All pre-pharmacy courses must be completed prior to entry into the MSOP. Applicants holding a B.S. or B.A. degree and who have completed all mathematics and science requirements in the pre-pharmacy curriculum shall only be required to satisfy the speech and statistics requirement.

Veterans, students over 30 years of age, and students with physical disabilities may petition for special consideration concerning physical education requirements. You may also refer to the Transfer Guide from our Web site at <http://pharmacy.samford.edu>.

### Technical Standards for Admission to MSOP

In order to comply and proceed with the mission of MSOP, noted earlier in this section, technical standards for admission are a necessity, which ensures the education of pharmacists who facilitate competent patient care and professional services in all facets of healthcare. Students admitted to MSOP must possess the intellectual, emotional, and physical abilities, with reasonable accommodations as needed for those with disabilities, to acquire the knowledge, behaviors, and skills needed to complete the curriculum. These standards are essential to ensure the competencies of graduates of MSOP. Each applicant of MSOP will be assessed in the academic and technical standards set forth by the admissions committee, notwithstanding reasonable accommodations, prior to matriculation.

The doctor of pharmacy (Pharm.D.) degree identifies persons who have completed the curriculum necessary to perform the functions of a pharmacist; thus, graduates must convey and demonstrate abilities to preserve the safety and protection of public interests. Moreover, applicants for the Pharm.D. degree must be able, with or without reasonable accommodations, to perform specific essential functions that the faculty deem requisite for the practice of pharmacy. These functions fall into several categories including: communicative, physical abilities, conceptual, interpretative, quantitative, behavioral, and social. Applicants must also have the physical and emotional stamina to perform in a competent manner in practice settings that involve heavy workloads and/or stressful stimuli. Furthermore, MSOP has determined that those individuals currently impaired by alcohol or substance abuse cannot meet the technical standards.

**I. Communication:** Candidates must be able to speak, hear, and observe patients in a practice setting. They must be able to record information accurately and clearly, speak fluent English, and communicate effectively and sensitively with patients. Candidates must also be able to communicate effectively, and accurately, with other members of the healthcare team in oral and written form, and in patient care settings in which decisions based upon those communications must be made rapidly.

**II. Physical Abilities:** Candidates must possess sufficient visual, auditory, tactile and motor abilities to allow them to gather data from written reference material, from oral presentations, by observing demonstrations and experiments, by studying various types of medical illustrations, by observing a patient and his/her environment, by observing clinical procedures performed by others, by reading digital or analog representations of physiologic phenomena, and by per-

Pre-Pharmacy Curriculum for Samford Students* Required Courses	Course Credits	Total Required Credits
<b>Fall Semester I</b>		<b>19</b>
CHEM 205 Foundations of Chemistry	4	
CHEM 206 Foundations of Chemistry Laboratory	1	
MATH 150 Precalculus	4	
UCCA 101 Communication Arts I	4	
UCCP 101 Cultural Perspectives I	4	
UCFH 120 Concepts in Fitness and Health	2	
<b>Spring Semester I</b>		<b>16</b>
BIOL 217 Principles of Human Anatomy	4	
CHEM 215 Fundamentals of Organic Chemistry	3	
CHEM 216 Fundamentals of Organic Chemistry Lab	1	
UCCA 102 Communication Arts II	4	
UCCP 102 Cultural Perspectives II	4	
<b>Summer Term</b>		<b>4</b>
Liberal Arts**	4	
<b>Fall Semester II</b>		<b>16</b>
BIOL 225 Microbiology	4	
CHEM 315 Organic Reactions & Mechanisms	3	
CHEM 316 Organic Reactions & Mechanisms Lab	1	
MATH 240 Calculus I	4	
UCBP 101 Biblical Perspectives	4	
<b>Spring Semester II</b>		<b>16</b>
BIOL 218 Principles of Human Physiology	4	
CHEM 325 Quantitative Analysis	3	
CHEM 326 Quantitative Analysis Laboratory	1	
MATH 210 Elementary Statistics	4	
Liberal Arts**	4	
<b>Total Required Credits</b>		<b>71</b>

\* Dual-enrollment courses, those courses taken while in high school for both college and high school credit, may not be accepted by Samford if you enter the University as a freshman. Contact the Undergraduate Admission Office for clarification.

\*\* Choose either SOCI 100 (Introduction to Sociology) or PSYC 101 (General Psychology) for one of the liberal arts requirements. The remaining four credits may be chosen from courses in political science, history, foreign languages, philosophy, psychology, sociology, geography, economics, and either art, music, or theatre appreciation.

Pre-Pharmacy Curriculum for Transfer Students Required Courses	Course Credits	Total Required Credits
<b>Humanities</b>		<b>12</b>
English Composition	6	
English or American Literature	3	
Religion, New or Old Testament*	3	
<b>Natural and Applied Sciences</b>		<b>34</b>
Calculus I**	3	
Anatomy and Physiology**	8	
Microbiology with Lab***	4	
General Chemistry	8	
Organic Chemistry	8	
Statistics (Math Dept)	3	
<b>Social Sciences</b>		<b>6-9</b>
Public Speaking	3	
World History (3) or Western Civilization (3) or U. S. History (6)	3-6	
<b>Liberal Arts</b>		<b>12</b>
Sociology or Psychology	3	
Other Liberal Arts †	9	
<b>Physical Activity</b>		<b>2</b>
Two physical activity courses	2	
<b>Total Required Credits</b>		<b>66-69</b>

\* For students transferring more than 30 hours/credits, a religion course is not required. However, religion course credit may be applied to the liberal arts requirement.

\*\* A prerequisite course may be required by most colleges.

\*\*\* Some schools offer only three hours of credit.

† The remaining credits may be chosen from political science, history, English literature, foreign languages, philosophy, psychology, sociology, geography, economics, religion, and either art, music, or drama appreciation (no more than three credits may be in appreciation courses).

forming basic physical examination techniques on a patient. Candidates must have sufficient motor function to elicit information from patients by palpation, auscultation, percussion and other diagnostic maneuvers necessary to assess a patient. Candidates must have the physical ability and manual dexterity to compound sterile and non-sterile products in an environment and manner compliant with existing regulations.

**III. Interpretative, Conceptual, and Quantitative:** Candidates must have effective and efficient learning techniques and habits that allow mastery of the complex curriculum. They must be able to learn through a variety of modalities including, but not limited to, classroom instruction, small group activities, individual study, preparation and presentation of reports, and use of computer technology. They must be able to memorize, measure, calculate, reason, analyze, synthesize, transcribe verbal messages accurately, and interpret written prescriptions accurately. Candidates must be able to read, comprehend and respond to serial information related to a medical situation or patient.

**IV. Behavioral, Social and Emotional Attributes:** Candidates must understand the legal and ethical aspects of the practice of pharmacy and function within the guidelines established by the law and by the ethical standards of the pharmacy profession. They must be able to relate to patients and their families, colleagues, and other members of the healthcare team with courtesy, maturity, and respect for the dignity of individuals. This requires that they place the welfare of their patients foremost, and demonstrate honesty, integrity, dedication, compassion and nondiscrimination in the care of their patients. Candidates must, at all times, demonstrate the emotional stability to be able to exercise good judgment, and carry out prompt completion of all responsibilities attendant to the care of their patients in a sensitive and effective manner. This sensitivity includes self-examination of personal attitudes, perceptions, and stereotypes in order to avoid potential negative impact on relationships and patient care. Applicants must be of sufficient emotional health to adapt to changing environments, display flexibility and professional responsibility to their patients, and learn to function in an environment of uncertainty, in which changes may occur rapidly and without warning. An individual with a diagnosed disability may function as a pharmacy student as long as the above technical standards are fulfilled.

**V. Stamina:** The study and ongoing practice of pharmacy may involve taxing workloads and stressful situations. A pharmacy student must have the physical and emotional stamina to maintain a high level of function in the face of such working conditions. In the event of a deteriorating behavioral, social or emotional function, it is essential that a pharmacy student be willing to engage in dialogue with MSOP officials as soon as there is evidence that the student is not meeting the technical standards.

A pharmacy student whose actions or decisions pose a danger to self, patients and/or colleagues will not be allowed to continue in the program unless the student agrees to accept professional help under conditions acceptable to MSOP.

### Required Health Data

All MSOP students are required to have health insurance and must provide proof of insurance to the experiential program office within two weeks of the first day of class. Students must also be able to provide proof of insurance on demand during any experiential course if requested by the experiential education site. All pharmacy students accepted into the program will receive a Samford University Physical Examination Form and Immunization Record. Both forms must be completed and returned to Student Health Services before registering for classes, and a duplicate copy of both forms must be provided to the experiential program office of the department of pharmacy practice within two weeks of the first day of class. Physical exams must be conducted within the 12 months immediately preceding notification of admission, must be performed by a physician or mid-level provider (nurse practitioner or physician's assistant), and can only be submitted on the form provided. Immunization history should be comprehensive. Failure to submit both documents to Student Health Services within two weeks of the first day of class will result in a \$150 fine and a registration hold on the student's record. Students who fail to submit both forms to the experiential program office of the department of pharmacy practice within two weeks of the first day of class will be unable to begin required experiential coursework and will jeopardize their enrollment in the MSOP.

The MSOP has the following additional specific requirements related to immunizations and health screenings:

- **Tetanus Diphtheria Pertussis (Tdap)** – All students are required to be immunized with adult Tdap vaccine due to the risk of transmitting pertussis. Based upon guidelines from the Centers for Disease Control and Prevention for receipt of adult Tdap vaccine, if you have received a tetanus antigen-containing vaccine (e.g. Td) within the past two (2) years, you are not required to receive the Tdap vaccine at this time. However, if it has been greater than two years since you received the Td vaccine and you have not yet received a dose of adult Tdap vaccine then you are required to receive one dose of this vaccine before beginning any experiential coursework. Further, some sites require proof of immunization against Tdap (or Td vaccine within the previous two years immediately prior to beginning your experiential training). Students who provide medical documentation from a physician of current uncontrolled seizure disorders are exempt from this requirement. A Tdap booster lasts for 10 years and will not need to be repeated if you have already received a dose of this vaccine.
- **Measles, Mumps, Rubella (MMR)** – All students born on or after January 1, 1957 must provide documentation of either a) written documentation of two (2) live measles-antigen containing vaccines given no less than one month apart, and on or after the first birthday, or b) written documentation of immunity by blood test (titer) demonstrating protective antibody levels to measles, mumps, and rubella.
- **Tuberculosis (TB) Screening** – All students must provide written evidence of two-step TB skin test within the past twelve (12) months of any experiential course; i.e., after the initial TB skin test another TB skin test will be performed within two (2) to three (3) weeks. If the second TB skin test is positive, a baseline chest X-ray will be required and a letter from a physician addressing the health status of the student. TB skin testing is required annually throughout the Pharm.D. program.
- **Hepatitis B** – All students must provide written documentation of having completed the series of three (3) injections. The first dose must be administered prior to the second week of class attendance. Completion of the full series is required by the end of the spring semester of the first year (P1). Documentation of immunity by blood test (titer) is acceptable in lieu of vaccine administration dates.
- **Varicella (Chickenpox)** – All students must provide documentation of two doses of vaccine at least 4 weeks (28 days) apart. The first dose must be administered prior to the second week of class attendance. Documentation of immunity by blood test (titer) is acceptable in lieu of vaccine administration dates.
- **Random Drug Urine Screening** – All students enrolled in the MSOP will be subject to random drug urine screening until graduation from the program. The current policies and procedures for random drug urine screening are available in the Pharmacy Student Handbook. All fees associated with random drug urine screening are the sole responsibility of the student.
- **Criminal Background Checks** – All students are required to complete a criminal background check as part of the admissions process. Any violations involving drugs, either illicit or prescription, will be reported to the Alabama State Board of Pharmacy and may prevent enrollment in or result in suspension from the MSOP. All fees associated with criminal background checks are the sole responsibility of the student.
- **Fingerprinting** – All students are required to be fingerprinted before the completion of the spring semester of the P1 year. Fingerprinting will be conducted during a specified period, and students will be notified in advance of the specific requirements. All fees associated with fingerprinting are the sole responsibility of the student.
- **Health Insurance Portability & Accountability Act (HIPAA) Training** – All students enrolled in the MSOP will be required to complete an online training program for protection of patient-sensitive health information as required by HIPAA. Students will be notified on the first day of class of the details for completion of this training, and will be given two weeks from the first day of class to complete this training. Failure to do so will result in being unable to complete required experiential courses and will jeopardize enrollment in the MSOP.



Professional Pharmacy Curriculum Required Courses Summary-All Years	Total Required Credits
<b>Year I, Total Required Credits</b>	<b>36</b>
<b>Year II, Total Required Credits</b>	<b>32-34</b>
<b>Year III, Total Required Credits</b>	<b>34-36</b>
<b>Year IV, Total Required Credits</b>	<b>37</b>
<b>Total Required Credits for All Years</b>	<b>141</b>

Note: See table at right for a detailed curriculum.

### Alabama State Board of Pharmacy Registration

All students, regardless of home state, must register with the Alabama State Board of Pharmacy for an intern/extern license after class begins in the first year. Applications can be found in the Pharmacy Student Handbook, at [www.Albop.com](http://www.Albop.com), or from the Office of the Assistant Dean. This registration will be discussed during orientation for incoming students.

### Tuition and Financial Aid

Students may apply for federal and private financial aid through the University's financial aid office. The MSOP has additional but limited funds available for loans and scholarships. Two small loan programs are available: a short-term emergency loan administered by the school; and a no-interest, revolving-loan fund (The Bernice Cohron Pharmacy Student Loan Fund). A number of pharmacy scholarships are available and awarded on the basis of both merit and need. Applications for all MSOP scholarships are available in the spring.

Students who wish to take non-PHRX courses (undergraduate or graduate) during the academic year will be required to pay the undergraduate or graduate rate upon enrollment. This fee will be in addition to the normal pharmacy tuition. Students will not be allowed to take courses which interfere with pharmacy coursework.

### Student Athletes and ROTC Candidates

The MSOP will cooperate with student athletes and ROTC candidates to accommodate class scheduling to the fullest extent possible. The MSOP cannot, however, alter its program schedule for these students and the pharmacy school schedule takes precedence with any scheduling conflicts.

## Professional Pharmacy Curriculum

The information in this catalog describes the MSOP doctor of pharmacy curriculum implemented Fall 2009. Students entering prior to Fall 2009 and faculty should refer to previously published catalog editions for information pertaining to the prior curriculum, since these details are not repeated in this catalog.

Our curriculum is designed to provide practical and innovative educational experiences for our students. The name of our curriculum describes this endeavor: **"Coordinated Topics with Integrated Applications: A Patient-Centered Approach Focusing on Drug-Related Problems and Pharmacy Applications."** One of our goals is to coordinate and integrate material for students to apply their knowledge.

As an overview, there are 141 total credit hours in this professional program. The first three years combine classroom instruction with direct patient interaction. The Introductory Pharmacy Practice Experiences occurring almost every semester during these years are planned to augment learning that takes place through coursework as well as offer opportunities for students to put their knowledge to practical use to help patients. The fourth year includes Advanced Pharmacy Practice Experiences in addition to a culminating project to provide students with a variety of environments in which to synthesize and apply their educational preparation.

As a means to coordinate and integrate content, the Integrated Pharmacy Applications course each semester will link information both across courses in a given semester as well as between years in the curriculum. Students enrolled in the same courses will have opportunities to see how content from these various classes can benefit patients. Additionally, students in all four years will meet together periodically to discuss aspects of patient care that reflect their particular knowledge levels. This horizontally and vertically integrated approach is intended to make learning interesting and relevant for our students.

Professional Pharmacy Curriculum Required Courses	Course Credits	Total Required Credits
<b>Year I, Fall</b>		<b>17</b>
PHRX 301 Intro Pharm Practice Experience (IPPE) I	1	
PHRX 304 Basics of Pharmacy Calculations	1	
PHRX 306 Cellular and Molecular Biochemistry	4	
PHRX 307 Basics of Drug Information	1	
PHRX 308 Physiologic Basis of Disease I	4	
PHRX 310 Drug Delivery Systems I	3	
PHRX 315 Introduction to Patient Care Systems	2	
PHRX 320 Integrated Pharmacy Applications (IPA) I	1	
<b>Year I, Spring</b>		<b>19</b>
PHRX 302 IPPE II	1	
PHRX 303 IPPE III	1	
PHRX 305 Introduction to Pharmaceutical Sciences	4	
PHRX 309 Physiologic Basis of Disease II	4	
PHRX 311 Drug Delivery Systems II	3	
PHRX 312 Sterile Compounding	2	
PHRX 316 Population Health	3	
PHRX 321 IPA II	1	
<b>Year I, Total Required Credits</b>		<b>36</b>
<b>Year II, Fall</b>		<b>16-18</b>
PHRX 401 IPPE IV*	2	
PHRX 403 Pharmacotherapy I	4	
PHRX 405 Pharmaceutical Sciences I	4	
PHRX 407 Biopharmaceutics/Pharmacokinetics	4	
PHRX 415 Financial Management	3	
PHRX 420 IPA III	1	
<b>Year II, Spring</b>		<b>14-18</b>
PHRX 401 IPPE IV*	2	
PHRX 404 Pharmacotherapy II	4	
PHRX 406 Pharmaceutical Sciences II	4	
PHRX 410 Patient Self-Care and Monitoring I	3	
PHRX 416 Ethics in Christianity and Health Care	2	
PHRX 421 IPA IV	1	
PHRX 450-499 Elective**	2	
<b>Year II, Total Required Credits</b>		<b>32-34</b>
<b>Year III, Fall</b>		<b>16-18</b>
PHRX 500 Introduction to Capstone Project	1	
PHRX 501 IPPE V	1	
PHRX 503 Pharmacotherapy III	4	
PHRX 505 Pharmaceutical Sciences III	4	
PHRX 510 Patient Self-Care and Monitoring II	2	
PHRX 515 Human Resource Management	3	
PHRX 520 IPA V	1	
PHRX 450-499 Elective**	2	
<b>Year III, Spring</b>		<b>16-18</b>
PHRX 502 IPPE VI	1	
PHRX 504 Pharmacotherapy IV	4	
PHRX 513 Preparation for Patient Care	4	
PHRX 516 Pharmacy Law	3	
PHRX 521 IPA VI	1	
PHRX 527 Drug Literature Evaluation	2	
PHRX 550 Capstone Project I	1	
PHRX 450-499 Elective**	2	
<b>Year III, Total Required Credits</b>		<b>34-36</b>
<b>Year IV, June-May***</b>		
<b>Capstone Project</b>		<b>1</b>
PHRX 600 Capstone Project II	1	
<b>Required Advanced Pharmacy Practice Experiences (APPE)</b>		<b>20</b>
PHRX 601 Ambulatory Care I	4	
PHRX 610 Drug Information I	4	
PHRX 620 Adult Medicine I	4	
PHRX 650 Community Pharmacy I	4	
PHRX 660 Institutional Pharmacy I	4	
<b>Selective (1)/Elective (3) APPE</b>		<b>16</b>
600-level Selective APPE	4	
600-level Elective APPE	4	
600-level Elective APPE	4	
600-level Elective APPE	4	
<b>Year IV, Total Required Credits</b>		<b>37</b>
<b>Total Required Credits</b>		<b>141</b>

\* Half of the Year II students take PHRX 401 in the fall while the other half take the course in the spring.

\*\*Students must complete a total of 4 credits of electives (two, 2-cred electives) during two of the following semester options: Year II Spring, Year III Fall, Year III Spring.

\*\*\*Students are required to take nine (9) APPEs in ten possible time periods offered during the fourth year.

## Delivery of Curriculum

The Department of Pharmacy Practice is composed of 25 faculty and five staff personnel. The mission of the department is to educate, develop, and mentor students and pharmacists for the advancement of the practice of pharmaceutical care to assure the optimal use of drugs in society. The department collaborates with various health care facilities and community pharmacies in providing the delivery of all the pharmacy experiential education. In addition, the department is responsible for delivering the didactic education related to the clinical use of drugs in patients. The focus of all this teaching is the provision of optimal patient care based on sound therapeutic principles and evidence-based data and the promotion of health improvement, wellness, and disease prevention. The department also carries out a rigorous program of clinical and educational research designed to improve the use of drugs in patients and enhance student learning.

The Department of Pharmaceutical, Social and Administrative Sciences consists of 15 faculty and three staff. The faculty of the department, with expertise in a variety of disciplines including pharmacology, medicinal chemistry, pharmaceuticals, pharmacokinetics, pharmacy administration, and higher education, are responsible for providing the science foundation for the students' education in the professional curriculum. In addition, many of the faculty provide practical, research, and experiential education for the students.

In addition to teaching, the MSOP faculty serves the School and University as advisors to professional, social, and honorary organizations encouraging student involvement in those organizations and developing professionalism and leadership among the students. The faculty exemplify leadership and professionalism through service in leadership roles in professional and scientific organizations. Furthermore, the faculty are engaged in a number of scholarly activities including research, writing, presentation, and publication.

The professional pharmacy curriculum is designed to impart in students the knowledge, skills, and attitudes essential for the practice of pharmacy today, as well as in the future. The doctor of pharmacy degree is a professional degree that requires basic educational preparation essential to provide pharmaceutical care and perform managerial functions.

The MSOP uses active learning (AL) concepts in many of its courses, with the percentage of time devoted to AL dependent upon the adaptability of the course material to these learning methodologies. Certain courses utilize a minimum of AL activity, while other courses are extensively delivered by AL methodologies. Students in each professional year are divided into groups of five to nine students, and group work is periodically assigned. The percentage of the final grade for the course from group work is clearly stated in the syllabus for each course.

The professional curriculum includes 98 semester credits of didactic and laboratory instruction and approximately 43 semester credits (1740 contact hours) of experiential training in various practice settings. All courses in the professional curriculum, including required experiential courses, are to be completed at Samford University.

The professional curriculum requires 36 credits of Advanced Pharmacy Practice Experiences (APPE), beginning in June or immediately following the successful completion of all required coursework prior to the fourth professional year in the pharmacy curriculum. Nine (9) APPEs must be completed by all students, including PHRX 601 (Ambulatory Care I), PHRX 620 (Adult Medicine I), PHRX 621 (Adult Medicine II) or an equivalent PHRX 600-level course, PHRX 610 (Drug Information I), PHRX 650 (Community Pharmacy I), PHRX 660 (Institutional Pharmacy I), and four additional PHRX 600-level APPE courses. Students will be allowed to provide input into their preferences for non-specified PHRX 600-level APPE courses; however, the director of experiential programs will have the final say in which specific courses the student will be registered based upon site availability and academic needs.

The maximum load for a pharmacy student is 21 semester hours. Full-time status is granted for students taking 12 semester hours. If, for compelling reasons, a student is enrolled in less than 12 semester hours, the university will classify the student as part-time. A student taking less than 12 hours will pay tuition at the hourly rate specified in the Financial Information section of this catalog.

The professional pharmacy curriculum of the MSOP follows the pharmacy calendar listed in this section of the catalog. The School incorporates January in its spring semester. Therefore, students enrolled in the professional pharmacy curriculum cannot take courses offered in the University's Jan Term. Furthermore, the fall semester of the fourth professional year begins the first working day in June. Consequently, students enrolled in the last year of the professional curriculum cannot take courses offered during the summer terms at Samford or another university.

## Academic Policies

The following policies for students are also published in the McWhorter School of Pharmacy (MSOP) Student Handbook. Additional academic policies addressing Introductory Pharmacy Practice Experience (IPPE) and Advanced Pharmacy Practice Experience (APPE) courses are published in the master syllabus and program requirements for Introductory and Advanced Practice Experiential Courses.

1. In order to receive a degree, candidates must satisfy all requirements of the MSOP and other applicable requirements of Samford University. A student must successfully complete the entire prescribed curriculum within six academic years from the original date of matriculation, and have a final GPA of at least 2.00 in order to be eligible for the degree. A student's academic standing is monitored by the associate dean of academic affairs and the Academic Standards Committee. The associate dean advises any student who experiences academic difficulty. However, it is the responsibility of the individual student to ensure that all requirements have been met.
2. Satisfactory academic progress is required of all students to remain in the pharmacy school. Academic standing is determined by the GPA and/or the number of failed courses. MSOP students must pass all prerequisite and co-requisite courses to proceed in the curriculum. The prerequisite of all courses in the upcoming term is the successful completion of all required courses in the current term. Therefore, if a student fails a required course, the student will not take any MSOP courses until the failed MSOP course is offered again. Students must complete all courses in the PHRX 300-500 level and achieve at least a 2.00 GPA in the professional curriculum before entering the APPE courses in the fourth professional year.
3. Unless otherwise stated in the course syllabus, grades are assigned by instructors in the school according to the following scale:

92-100 = A	88-89 = B+	78-79 = C+	67-69 = D
90-91 = A-	82-87 = B	70-77 = C	< 67 = F
	80-81 = B-		

Only grades earned in PHRX courses are used to calculate the professional GPA. The MSOP does not "round" the GPA. Other letter grades that may be assigned and the quality point system utilized by the University are described in the current University Catalog.

4. A student may not repeat a pharmacy course unless there is a failure in the course. The minimum passing grade of "C" is required in APPE courses, and the minimum passing grade in all other pharmacy coursework is a "D". All coursework must be completed at the MSOP. Availability of courses is limited to that published in the University Catalog and offered during the specified semesters.
5. A student who fails a single course or whose cumulative professional GPA is below 2.0 in any academic term will be placed on academic probation. If academic probation is the result of failed coursework, then the student is cautioned that additional failed coursework will result in dismissal from the pharmacy school, either by academic suspension or expulsion, as delineated below. If academic probation is the result of the GPA being less than 2.00, then the student is cautioned that failure to achieve and maintain a cumulative GPA of at least 2.00 at the end of the remaining academic terms will result in academic suspension.
6. A student who fails two courses or whose cumulative GPA is below 2.0 for any two academic terms will be suspended, which results in dismissal from the pharmacy school. A student on academic suspension must apply in writing to the Admissions Committee for readmission. The letter should explain the reasons for his/her academic difficulty and what measures have been taken to ensure his/her ability to raise the GPA. Should readmission be granted, the student is cautioned against further academic difficulties. If academic suspension is the result of failed coursework, then the student is cautioned that additional failed coursework will result in dismissal from the pharmacy school via academic expulsion. If academic suspension is the result of the GPA being less than 2.00, then the student is cautioned that failure to achieve and maintain a cumulative GPA of at least 2.00 at the end of all remaining academic terms will result in dismissal from the pharmacy school via academic expulsion.

7. A student who fails three or more courses or who fails the same course twice or whose cumulative GPA falls below 2.0 for any three full-time academic terms, either sequential or non-sequential, will be expelled, which results in permanent dismissal from the pharmacy school. Expulsion from the pharmacy school is without recourse. Expelled pharmacy students desiring to remain at Samford University will become subject to University policies on academic progression and retention.
8. Since the level of a student's academic difficulty, i.e., academic probation, suspension, and expulsion may be determined by the quantity of failed coursework, multiple failed courses in a given academic term may preclude the need for academic probation or suspension. In any regard, Samford University rules on continued enrollment at the University prevail.
9. Students on academic probation and students suspended from the pharmacy school shall not be allowed to serve as officers or committee members in any campus organization, participate in any extracurricular activity sponsored by the University or pharmacy organizations which involves the expenditure of an appreciable amount of time, or be employed by any department on the University campus. Outside employment for such students is also discouraged.
10. Students must adhere to the Code of Ethical/Professional Conduct, as well as plagiarism and copyright laws, as outlined in the MSOP Student Handbook and the University Catalog. Failure to do so can result in consequences that range from a verbal reprimand to expulsion from the academic program and university. This decision is made by the pharmacy school's Student Affairs Committee and/or the University Values Council.
11. Students enrolled at Samford University or other accredited institutions cannot audit courses in the pharmacy curriculum.

## Resources

**World Wide Web** – Students are invited to visit the McWhorter School of Pharmacy Web site (<http://pharmacy.samford.edu>) for additional information regarding faculty, admissions, curriculum and other useful student information.

Students may also visit the Samford University main Web site ([www.samford.edu](http://www.samford.edu)) for additional university information such as campus life, admissions, financial aid, and many other useful topics.

**Drug Information Center** – The Drug Information Center serves as a resource center, a drug advisory source for practitioners, and an information retrieval center for students, faculty, and practitioners. In addition to a variety of journals, books, and other printed materials, major pharmaceutical and medical databases and many electronic reference materials are available. The University's Davis Library also provides online reference services.

**Student Computer Facilities** – The MSOP is equipped with computers that contain various drug information databases for course work and research. Wireless computer access is available in the MSOP and across the University. The University also has several computer labs on campus. The Curriculum Materials and Technology Center is also equipped to produce many kinds of visual materials.

## Professional Electives\*

The doctor of pharmacy curriculum requires two, 2-credit electives (for a total of 4 credits) to be completed during two of the following semester options: Year II Spring, Year III Fall, Year III Spring. Didactic electives may be selected from the courses listed below, provided prerequisites are fulfilled. Courses taken prior to enrollment in the McWhorter School of Pharmacy cannot be counted toward elective requirements in the professional curriculum. Completion of the fall semester in the second professional year is a prerequisite for all electives.

Course Number/Name	Credit Hrs
PHRX 450 Contemporary Topics in Pharmacy	2
PHRX 452 Independent Pharmacy Business Plan Development	2
PHRX 453 Radiopharmaceuticals	2
PHRX 456 Managed Care Pharmacy	2
PHRX 458 Current Topics in Pediatric Pharmacotherapy	2
PHRX 459 Chemical Dependency in Health Care Professionals	2
PHRX 460 Research	2
PHRX 470 Pharmacy and Healthcare in Great Britain	2

## Advanced Pharmacy Practice Experiences (APPE)

Enrollment in 600-level APPE courses is based on availability of training sites and preceptors for each course. Successful completion of all coursework prior to the fourth professional year in the pharmacy curriculum is a prerequisite for all 600-level courses. Refer to the APPE Manual for additional information.

Course Number/Name	Credit Hrs
PHRX 601 Ambulatory Care I	4
PHRX 602 Ambulatory Care II	4
PHRX 610 Drug Information I	4
PHRX 611 Drug Information II	4
PHRX 612 Poison Information/Toxicology	4
PHRX 620 Adult Medicine I	4
PHRX 621 Adult Medicine II	4
PHRX 622 Adult Medicine III	4
PHRX 623 Geriatric Pharmacy I	4
PHRX 624 Geriatric Pharmacy II	4
PHRX 625 Pediatric Pharmacy I	4
PHRX 626 Pediatric Pharmacy II	4
PHRX 627 Neonatology	4
PHRX 628 Psychiatric Pharmacy	4
PHRX 629 Cardiology	4
PHRX 630 Hematology and Oncology	4
PHRX 631 Neurology	4
PHRX 632 Nephrology	4
PHRX 633 Metabolic Support	4
PHRX 634 Infectious Disease	4
PHRX 635 Cardiac Critical Care	4
PHRX 636 Surgical Critical Care	4
PHRX 637 Medical Critical Care	4
PHRX 650 Community Pharmacy I	4
PHRX 651 Community Pharmacy II	4
PHRX 652 Community Pharmacy III	4
PHRX 660 Institutional Pharmacy I	4
PHRX 661 Institutional Pharmacy II	4
PHRX 670 Home Infusion Therapy	4
PHRX 671 Nuclear Pharmacy	4
PHRX 672 Managed Care Pharmacy	4
PHRX 673 Pharmacy Management	4
PHRX 674 Association Management	4
PHRX 675 Pharmacokinetics	4
PHRX 676 Specialty Pharmacy	4
PHRX 677 Pharmacy Research	4
PHRX 678 International Pharmacy I	4
PHRX 679 International Pharmacy II	4
PHRX 680 Pedagogy in Pharmacy	4

## Courses

NOTE: Beginning 2009-2010, the MSOP began a new professional pharmacy curriculum. All courses in the new curriculum bear the PHRX prefix. Students following the professional pharmacy curriculum from 2008-2009 and earlier can find descriptions for PHRD courses in the 2008-2009 Samford Catalog.

### PHARMACY

#### **PHRX 301, 302, and 303 Introductory Pharmacy Practice Experience (IPPE) I-II-III (1 each course)**

Three-course sequence designed to complement, within a pharmacy practice setting, the academic content in the first professional year didactic courses. Each sequence is slightly more involved as a foundational experience in the practice of pharmacy and serves as preparation for the Advanced Pharmacy Practice Experiences in the fourth professional year. Offered: Fall (301); Spring (302 and 303).

#### **PHRX 304 Basics of Pharmacy Calculations (1)**

Presentation of the basic elements of applied pharmaceutical mathematics including weights and measures, proper prescription interpretation, concentrations, conversions, dosing, and mathematics of various dosage forms. Offered: Fall.

#### **PHRX 305 Introduction to Pharmaceutical Sciences (4)**

Introduction to the core concepts underlying pharmacology, pharmacokinetics, pharmacogenomics, and medicinal chemistry. Includes the basic pharmaceutical properties of various classes of antibiotics and their use in the treatment of infectious diseases. Topics covered serve as foundation for the Pharmaceutical Sciences course sequence in subsequent years of the curriculum. Offered: Spring.

#### **PHRX 306 Cellular and Molecular Biochemistry (4)**

Topics addressed include DNA/RNA/protein structure and synthesis, signal transduction pathways, gene regulation, organelle function and regulation, enzyme kinetics, energy catalysis, and bacterial/viral biology. Foundation for understanding the cellular and biochemical actions of drugs. Offered: Fall.

#### **PHRX 307 Basics of Drug Information (1)**

Exploration to gain understanding of basic drug information sources and the different types of drug literature. Afternoon lab sessions are mandatory to practice these skills. Concepts applied will be reinforced throughout the curriculum. Offered: Fall.

#### **PHRX 308 and 309 Physiologic Basis of Disease I-II (4 each course)**

Two-course sequence addresses the basics of physiologic processes in the body as they relate to various diseases. Provides basis for the Pharmaceutical Sciences and Pharmacotherapy courses in subsequent years of the program. Offered: Fall (308); Spring (309).

#### **PHRX 310 and 311 Drug Delivery Systems I-II (3 each course)**

Two-course sequence focusing on technology related to drug delivery systems and pharmaceutical dosage forms. Topics to include novel dosage forms and delivery systems, administration techniques, storage and stability, and basic extemporaneous compounding. Offered: Fall (310); Spring (311).

#### **PHRX 312 Sterile Compounding (2)**

Introduction to aseptic technique and the compounding of sterile products. Includes theory of sterile compounding, discussion of USP 797 regulations for a sterile compounding environment, special procedures, and quality control as well as a review of state pharmacy regulations. Addresses sterile compounding of anti-neoplastic agents, use of relevant references, applicable calculations, and production of total parenteral nutrition mixtures in addition to parenteral administration and equipment. Offered: Spring.

#### **PHRX 315 Introduction to Patient Care Systems (2)**

Introduction to the "big picture" of health care in this country. Aspects of patient care addressed include societal, financial, legal, and governmental influences. The pharmacist's role emphasized as students begin to understand the opportunities and responsibilities of taking care of patients. Assessment of current level of professionalism in pharmacy education. Offered: Fall.

#### **PHRX 316 Population Health (3)**

Encompasses communication with patients, health care professionals, and insurers including Medicare, Medicaid, and managed care. Introduction of broad concepts related to Medication Therapy Management, pharmacoepidemiology, pharmacoconomics, public health, health care outcomes, health literacy and education, and cultural competence as they relate to the pharmacist as a change agent. Offered: Spring.

#### **PHRX 320 and 321 Integrated Pharmacy Applications (IPA) I-II (1 each course)**

Designed to integrate content within the first professional year as well as between years in the curriculum. Involves a combination of learning strategies such as labs and case discussions to augment student learning. Foundational content integrating students' knowledge of pharmacy courses completed in the first academic year. Offered: Fall (320); Spring (321).

#### **PHRX 401 Introductory Pharmacy Practice Experiences (IPPE) IV (2)**

Designed to complement, within a pharmacy practice setting, the academic content in the second professional year didactic courses. Provides deeper insights into patient care and serves as preparation for the Advanced Pharmacy Practice Experiences in the fourth professional year. Offered: Fall or Spring.

#### **PHRX 403, 404, 503 and 504 Pharmacotherapy I-II-III-IV (4 each course)**

Four-course sequence designed to incorporate knowledge of drug therapy and its management concerning acute and chronic disease states. These courses will build on content addressed in other courses and will include evidence-based practice analysis to properly formulate therapeutic decisions. Offered: Fall (403 and 503); Spring (404 and 504).

#### **PHRX 405, 406, and 505 Pharmaceutical Sciences I-II-III (4 each course)**

Three-course sequence developed to provide an understanding of the pharmacological and chemical properties of individual agents and various drug classes. These properties include mechanism of action, pharmacokinetics, indications, adverse effects, drug interactions, dosage forms, and contraindications. Designed to apply understanding of pharmaceutical sciences to make rational decisions in the management of medication therapy. Topics covered in Pharmaceutical Sciences will serve as the foundation for the treatment of disease states outlined in the Pharmacotherapy course sequence. Offered: Fall (405 and 505); Spring (406).

#### **PHRX 407 Biopharmaceutics/Pharmacokinetics (4)**

Encompasses foundational aspects of biopharmaceutics and pharmacokinetics. Designed to gain an understanding of the mathematical modeling of drug absorption, distribution, metabolism, and excretion. Addresses the impact of the dosage regimen and drug formulation on the ensuing therapeutic drug plasma concentrations. Offered: Fall.

#### **PHRX 410 and 510 Patient Self-Care and Monitoring I-II (3 and 2 respectively)**

Two-course sequence designed to prepare the pharmacist to effectively assist patients in making self-care decisions. Particular emphasis given to the therapeutic use and monitoring of non-prescription medications and dietary supplements. Offered: Spring (410); Fall (510).

#### **PHRX 415 Financial Management (3)**

Addresses concepts related to the fiscal management of pharmacy services at the systems, pharmacy, and patient level in various practice settings. Emphasizes decision-making related to the evaluation, procurement, and utilization of financial resources in order to maximize the value of the organization and to optimize patient care. Offered: Fall.

**PHRX 416 Ethics in Christianity and Health Care (2)**

Based around six character traits of ethical persons. Provides various biblical and health care perspectives on each of these traits by both faculty and students. Lectures are supplemented by small-group discussions during which current ethical issues and viable options are addressed. Reflects on the individual's moral character. Facilitated by faculty trained in pharmacy, nursing, and religion. Offered: Spring.

**PHRX 420 and 421 Integrated Pharmacy Applications (IPA) III-IV (1 each course)**

Designed to integrate content within the second professional year as well as between years in the curriculum. Built on the previous Integrated Pharmacy Applications courses (PHRX 320 and 321) and involves a combination of learning strategies such as labs and case discussions to augment student learning. More in-depth progression of content to integrate students' knowledge of all pharmacy courses in the second professional year. Offered: Fall (420); Spring (421).

**PHRX 500 Introduction to Capstone Project (1)**

Designed to provide the student with the opportunity to demonstrate a general knowledge of (1) the fundamentals of research, (2) how to develop a capstone project, (3) ways to collect appropriate data based on the project, (4) how to write and prepare a manuscript, possibly for publication, (5) ways to present project results in an appropriate and professional manner, (6) how to communicate effectively with various audiences, and (7) the appropriate forms for the IRB approval process. Offered: Fall.

**PHRX 501 and 502 Introductory Pharmacy Practice Experiences (IPPE) V-VI (1 each course)**

Two-course sequence designed to complement, within a pharmacy practice setting, the academic content in the third professional year didactic courses. Involves more complex patient care situations and serves as preparation for the Advanced Pharmacy Practice Experiences in the fourth professional year. Offered: Fall (501); Spring (502).

**PHRX 513 Preparation for Patient Care (4)**

Designed to provide students with skills and information necessary to fulfill roles as patient care providers and self-directed learners during the Advanced Pharmacy Practice Experiences. Students will learn to assess a patient, present assessments to other health care professionals, and refine other clinical skills to optimize patient care. Offered: Spring.

**PHRX 515 Human Resource Management (3)**

Designed to equip students with essential personnel management and leadership skills necessary for practice in various pharmacy settings. Offered: Fall.

**PHRX 516 Pharmacy Law (3)**

Presents legal basis of pharmacy practice through examination of federal and state laws, administrative laws, and regulations. Other topics will include court decisions dealing with drug manufacturing and distribution, professional liability, and handling of medicinals, poisons, and controlled substances. Offered: Spring.

**PHRX 520 and 521 Integrated Pharmacy Application (IPA) V-VI (1 each course)**

Designed to integrate course content within the third year as well as between years in the curriculum. Built on the previous Integrated Pharmacy Applications courses and will involve a combination of learning strategies such as labs and case discussions to augment student learning. Content will become much more advanced as we integrate students' knowledge of all pharmacy courses in the third professional year and prior years. Offered: Fall (520); Spring (521).

**PHRX 527 Drug Literature Evaluation (2)**

Provides students with the tools and skills for appropriately evaluating literature concerning drug therapy. The basics of this evaluation will be delivered in the Pharmacotherapy I course so that students have some background regarding this discipline at the beginning of that course sequence. Offered: Spring.

**PHRX 550 Capstone Project I (1)**

Building on knowledge and skills learned in Introduction to Capstone Project, this independent study course will enable a student to work with a faculty facilitator to design a capstone project. The student will be expected to demonstrate acceptable professional written communication skills. The capstone project will involve the basic, clinical, educational, social, or administrative sciences in an area related to the field of pharmacy. Topics may include original research or a different project related to: 1) education, 2) clinical specialty practice, 3) program or tool evaluation, 4) health care finance, 5) evidence-based practice, or 6) another area, with faculty approval. Offered: Spring.

**PHRX 600 Capstone Project II (1)**

Building on progress made in Capstone Project I, this independent study course will promote critical thinking as the student will be expected to demonstrate acceptable professional written and verbal communication skills. These skills will be assessed through completion and presentation of a capstone project in the basic, clinical, educational, social, or administrative sciences in an area related to the field of pharmacy. Topics may include original research or a different project related to: 1) education, 2) clinical specialty practice, 3) program or tool evaluation, 4) health care finance, 5) evidence-based practice, or 6) another area, with faculty approval. Offered: Fall.

**PHRX 601 Ambulatory Care I (4)**

APPE designed to grant experience in providing clinical pharmacy services to ambulatory patients in a community pharmacy setting and/or selected outpatients of a general medicine/family practice ambulatory care service. Offered: Fall and Spring.

**PHRX 602 Ambulatory Care II (4)**

APPE designed to provide in-depth experiences in the provision of clinical pharmacy services to ambulatory patients in a community pharmacy setting and/or selected in-patients of a general medicine/family practice ambulatory care service. Prereq: PHRX 601. Offered: Fall and Spring.

**PHRX 610 Drug Information I (4)**

APPE designed to enhance knowledge and skills in preparing for the pharmacist's role as a pharmacotherapy advisor and consultant. Offered: Fall and Spring.

**PHRX 611 Drug Information II (4)**

APPE providing the student with an opportunity to develop knowledge and skills in the operation of a Drug Information Center, formulary programs, DUE/DUR, managed care, continuous quality improvement, and antibiotic management programs. Prereq: PHRX 610. Offered: Fall and Spring.

**PHRX 612 Poison Information/Toxicology (4)**

APPE providing the student with an opportunity to enhance knowledge and skills in assessing and managing drug-induced toxicity and poisoning. Offered: Fall and Spring.

**PHRX 620, 621 and 622 Adult Medicine I-II-III (4 each course)**

Three-course sequence designed to enhance knowledge and skills used when providing clinical pharmacy services to adult populations. Prereq for PHRX 621: PHRX 620. Prereq for PHRX 622: PHRX 621. Offered: Fall and Spring.

**PHRX 623 Geriatric Pharmacy I (4)**

APPE providing the student with an opportunity to develop knowledge and skills in serving the unique drug therapy needs of a geriatric population. Offered: Fall and Spring.

**PHRX 624 Geriatric Pharmacy II (4)**

APPE providing the student with an opportunity to enhance skills in the application of pharmaceutical knowledge to geriatric patients. Prereq: PHRX 623. Offered: Fall and Spring.

**PHRX 625 Pediatric Pharmacy I (4)**

APPE providing the student with an opportunity to develop knowledge and skills in serving the unique drug therapy needs of a pediatric population. Offered: Fall and Spring.

**PHRX 626 Pediatric Pharmacy II (4)**

APPE providing the student with an opportunity to enhance skills in the application of pharmaceutical knowledge to pediatric patients. Prereq: PHRX 625. Offered: Fall and Spring.

**PHRX 627 Neonatology (4)**

APPE designed to provide the student with basic skills and the knowledge base needed to provide pharmaceutical care to the neonate. Offered: Fall and Spring.

**PHRX 628 Psychiatric Pharmacy (4)**

APPE that provides the opportunity to enhance knowledge and skills in the delivery of pharmaceutical care in the psychiatric setting. Offered: Fall and Spring.

**PHRX 629 Cardiology (4)**

APPE designed to enhance knowledge and skills in caring for patients with cardiovascular disease. Offered: Fall and Spring.

**PHRX 630 Hematology and Oncology (4)**

APPE that will expose students to the care of patients with hematologic and oncologic diseases. Offered: Fall and Spring.

**PHRX 631 Neurology (4)**

APPE designed to enhance knowledge and skills in providing clinical pharmacy services to patients with neurologic diseases. Offered: Fall and Spring.

**PHRX 632 Nephrology (4)**

APPE designed to provide the student an opportunity to gain experience and skills in the provision of pharmaceutical care to adult patients with renal disease. Offered: Fall and Spring.

**PHRX 633 Metabolic Support (4)**

APPE providing the student an opportunity to enhance fundamental knowledge in the provision of metabolic (nutritional) support through parenteral and enteral routes. Offered: Fall and Spring.

**PHRX 634 Infectious Disease (4)**

APPE designed to enhance knowledge and skills in providing clinical pharmacy services to patients with infectious diseases. Offered: Fall and Spring.

**PHRX 635 Cardiac Critical Care (4)**

APPE designed to enhance knowledge and skills in providing clinical pharmacy services to critically ill adult populations with cardiac diseases. Offered: Fall and Spring.

**PHRX 636 Surgical Critical Care (4)**

APPE designed to enhance knowledge and skills in providing clinical pharmacy services to critically ill adult populations in a surgical unit. Offered: Fall and Spring.

**PHRX 637 Medical Critical Care (4)**

APPE designed to enhance knowledge and skills in providing clinical pharmacy services to critically ill adult populations. Offered: Fall and Spring.

**PHRX 650 Community Pharmacy I (4)**

APPE focusing on development of clinical and managerial skills in a community pharmacy/ambulatory care setting. Offered: Fall and Spring.

**PHRX 651 Community Pharmacy II (4)**

APPE designed to provide experience in providing clinical pharmacy services to patients in a community pharmacy. Prereq: PHRX 650. Offered: Fall and Spring.

**PHRX 652 Community Pharmacy III (4)**

APPE designed to enhance knowledge and skills in providing clinical pharmacy services to patients in a community pharmacy. Prereq: PHRX 651. Offered: Fall and Spring.

**PHRX 660 Institutional Pharmacy I (4)**

APPE focusing on development of knowledge and skills in institutional pharmacy management and application of such systems in various practice environments. Offered: Fall and Spring.

**PHRX 661 Institutional Pharmacy II (4)**

APPE designed to enhance knowledge and skills in institutional pharmacy management and application of such systems in various practice environments. Prereq: PHRX 660. Offered: Fall and Spring.

**PHRX 670 Home Infusion Therapy (4)**

APPE designed to provide experience in preparing intravenous preparations including chemotherapy, antimicrobials, and total parenteral nutrition. Students will also provide drug information, patient counseling, and in some cases, visit patients in the home. Offered: Fall and Spring.

**PHRX 671 Nuclear Pharmacy (4)**

APPE providing the student with the opportunity to expand knowledge and skills in the area of radiopharmaceutics. Offered: Fall and Spring.

**PHRX 672 Managed Care Pharmacy (4)**

APPE designed to provide the opportunity to enhance knowledge and skills in managed care pharmacy. Offered: Fall and Spring.

**PHRX 673 Pharmacy Management (4)**

APPE designed to enhance knowledge and skills in pharmacy management including such topics as financial planning and analysis, budgeting, pricing, capital investment, inventory control, organizational design, personnel development and administration, and legal aspects of pharmacy management. Offered: Fall and Spring.

**PHRX 674 Association Management (4)**

APPE focusing on development of knowledge, skills, and attitudes necessary for professional association management. Experiences provided include budgeting, publication coordination, membership activities, legislative activities, and meeting planning. Offered: Fall and Spring.

**PHRX 675 Pharmacokinetics (4)**

APPE designed to enhance knowledge and skills in the direct application of pharmacokinetic principles to patient drug therapy management. Offered: Fall and Spring.

**PHRX 676 Specialty Pharmacy (4)**

APPE designed to provide the student with the opportunity to develop knowledge of the management of specialty pharmaceuticals and their use in a variety of patient care environments. Offered: Fall and Spring.

**PHRX 677 Pharmacy Research (4)**

APPE that provides the opportunity to enhance knowledge and skills in planning and conducting research. Students will be introduced to research design, protocol development, regulatory requirements, data collection, and data analysis. Offered: Fall and Spring.

**PHRX 678 International Pharmacy I (4)**

APPE designed to provide the student with an opportunity to develop knowledge and patient care skills in an international setting. Offered: Fall and Spring.

**PHRX 679 International Pharmacy II (4)**

APPE designed to provide the student with an opportunity to develop advanced knowledge and patient care skills in an international setting. Offered: Fall and Spring.

**PHRX 680 Pedagogy in Pharmacy (4)**

APPE designed to develop knowledge and skills in various aspects of teaching. Students will have the opportunity to be exposed to and participate in didactic teaching, including active-learning techniques and experiential teaching. Offered: Fall and Spring.

**PHARMACY ELECTIVES****PHRX 450 Contemporary Topics in Pharmacy (2)**

Encompasses contemporary topics of interest in the pharmacy profession. Multiple or single topics may be considered. Offered: Fall or Spring.

**PHRX 452 Independent Pharmacy Business Plan Development (2)**

Project-oriented elective that focuses on the fundamentals of owning an independent community practice. Participants will work in groups with existing independent pharmacy owners to write business plans and explore ownership concepts in a real world environment. Business ownership concepts are explored in a seminar format. Consideration is given to the pros and cons of choosing an existing practice versus establishing a new practice. Prereq: PHRX 415. Offered: Spring.

**PHRX 453 Radiopharmaceuticals (2)**

Introduces radiopharmaceuticals and the practice of nuclear pharmacy. Consideration is given to the properties, methods of measurement and detection, preparation, storage, administration, and diagnostic and therapeutic applications of radioactive pharmaceuticals. Offered: Fall or Spring.

**PHRX 456 Managed Care Pharmacy (2)**

Explores the fundamental knowledge and skills needed in the delivery of pharmaceutical care in a managed health care environment, primarily serving ambulatory patients. Emphasis on drug benefit management from a fiscal and clinical perspective. Offered: Fall or Spring.

**PHRX 458 Current Topics in Pediatric Pharmacotherapy (2)**

Overview of pediatric pharmacotherapy with a focus on treatment and therapeutic monitoring of common pediatric diseases. Prereq: Completion of second professional year or permission of course coordinator. Offered: Fall or Spring.

**PHRX 459 Chemical Dependency in Health Care Professionals (2)**

Through participation in class-directed activities, students will study the field of addiction and examine multiple aspects of the disease of chemical dependency. Emphasis will be directed at the impact of addiction on health care professionals. Offered: Fall or Spring.

**PHRX 460 Research (2)**

Applies literature and laboratory techniques, or other methods of scientific investigation, to pharmaceutical problems. Students choose to study and investigate a suitable problem with faculty in either department in the McWhorter School of Pharmacy. Prereqs: Consent of instructor directing the research and a professional GPA of at least 2.50. Offered: Fall or Spring.

**PHRX 470 Pharmacy and Healthcare in Great Britain (2)**

Provides students with the opportunity to learn about the role of the pharmacist in the health care system of Great Britain. In addition to preparatory meetings at the McWhorter School of Pharmacy prior to the trip, the course requires international travel to the Samford University Study Centre in London, England (or other housing in London) and travel within Great Britain. It also involves local travel within London to multiple health care, cultural, and historical sites. Limited to a maximum of twenty (20) enrolled students and additional course fees apply. Offered: Spring.

## McWhorter School of Pharmacy Calendar for Academic Year 2009-2010

**Summer Term 2009 (for repeated courses)**

May 27	Payment due date for students
June 1	Classes begin
July 3	Independence Day Holiday; no classes meet
August 6	Classes end
August 7	Final Examinations

**Fall Semester 2009**

May 27	Payment due date for P4 students
June 1	APPEs begin for P4 students
July 3	Independence Day Holiday; no classes meet
August 10	Payment due date for P1-P3 students
August 11	Orientation for P1 students begins
August 17	Classes begin for P1-P3 students
August 25	Last day for P3 students to add or drop an elective course <b>without FINANCIAL or ACADEMIC penalty</b>
September 7	Labor Day Holiday; no classes meet
September 17	MSOP Picnic
October 2	MSOP White Coat Ceremony
Oct 21 - Nov 20	Registration for Spring Semester
November 12	Last day to <b>completely withdraw from ALL didactic courses in the semester without ACADEMIC penalty</b>
November 23-24	Fall Break for P1-P3 students; no classes meet
November 25-27	Thanksgiving Holidays, no classes meet
December 4	Classes end
December 7-11	Final Examinations
December 12	Commencement

**Spring Semester 2010**

January 4	Payment due date for students who have registered
January 4	Classes begin for all students
January 18	Martin Luther King, Jr. Holiday, no classes meet
January 25	Didactic classes begin for P1-P3 students
January 29	Last day for P3 students to add or drop an elective course <b>without FINANCIAL or ACADEMIC penalty</b>
March 15-19	Spring Break for P1-P3 students; no classes meet
April 1	MSOP Spring Convocation
April 1-23	Registration for Summer and Fall Semesters
April 5	Easter Monday Holiday; no classes meet for P1-P3 students
April 22	Last day to <b>completely withdraw from ALL didactic courses in the semester without ACADEMIC penalty</b>
May 7	Classes end
May 10-13	Final Examinations
May 14	MSOP Graduation

**Legend:**

APPE = Advanced Pharmacy Practice Experiences  
 MSOP = McWhorter School of Pharmacy  
 P1 = 1st-year Pharmacy student  
 P2 = 2nd-year Pharmacy student  
 P3 = 3rd-year Pharmacy student  
 P4 = 4th-year Pharmacy student

**Notes:**

Payment schedule dates for all terms are subject to change.

The MSOP Calendar for Academic Year 2010-2011 was unavailable at press time. Please check the following Web site for an updated calendar:  
<http://www.samford.edu/groups/sturec/acadcalendar.html>.

Inclement weather or other events beyond the control of the University that might cause risk or danger to students, faculty, and staff may occasionally result in changes to normal University operations, including cancellation of classes or events; the calendar schedule may be adjusted.

MCWHORTER SCHOOL OF PHARMACY TUITION AND FEES FOR ACADEMIC YEAR 2009-2010				
Description of Expense	Student Classification	Payment Regulations	Expense	Payment Due Date (1)
<b>Tuition</b>				
Less than 12 credits	Part-time Pharmacy Students	Deposit nonrefundable See Refund Policies	\$1,083/credit	\$450 deposit upon acceptance and remainder on or before e-bill payment due date
12 to 21 credits	Full-time Pharmacy Students	Deposit nonrefundable See Refund Policies	\$13,330/semester (Fall or Spring)	\$450 deposit upon acceptance and remainder on or before e-bill payment due date
More than 21 credits	Full-time Pharmacy Students	Deposit nonrefundable See Refund Policies	\$1,083/credit	On or before e-bill payment due date
All credits - Summer Terms	P1 Pharmacy Students who are repeating courses	See Refund Policies	\$1,007/credit (Sum 2009)	On or before e-bill payment due date
Joint Degree	Joint Degree Pharmacy Students	See Refund Policies	\$1,083/credit (Sum 2010) By Classification	On or before e-bill payment due date
<b>Residence Hall Fees, Double Occupancy*</b>				
Beeson Woods, West Campus	Pharmacy Students starting June 09	See Refund Policies	\$2,918/Fall semester	On or before e-bill payment due date
Evergreen Hall	Pharmacy Students starting June 09	See Refund Policies	\$2,760/Fall semester	On or before e-bill payment due date
Student Apartments	Pharmacy Students starting June 09	See Refund Policies	\$2,490/Fall semester	On or before e-bill payment due date
Beeson Woods, West Campus	Pharmacy Students starting Aug	See Refund Policies	\$1,778/Fall semester	On or before e-bill payment due date
Evergreen Hall	Pharmacy Students starting Aug	See Refund Policies	\$1,684/Fall semester	On or before e-bill payment due date
Student Apartments	Pharmacy Students starting Aug	See Refund Policies	\$1,350/Fall semester	On or before e-bill payment due date
Beeson Woods, West Campus	Pharmacy Students Spring sem	See Refund Policies	\$1,962/Spring semester	On or before e-bill payment due date
Evergreen Hall	Pharmacy Students Spring sem	See Refund Policies	\$1,868/Spring semester	On or before e-bill payment due date
Student Apartments	Pharmacy Students Spring sem	See Refund Policies	\$1,455/Spring semester	On or before e-bill payment due date
Beeson Woods, West Campus	Pharmacy Students starting June 10	See Refund Policies	\$2,978/Fall semester	On or before e-bill payment due date
Evergreen Hall	Pharmacy Students starting June 10	See Refund Policies	\$2,820/Fall semester	On or before e-bill payment due date
Student Apartments	Pharmacy Students starting June 10	See Refund Policies	\$2,550/Fall semester	On or before e-bill payment due date



Description of Expense	Student Classification	Payment Regulations	Expense	Payment Due Date (1)
<b>Board</b>				
19 meals/week + \$130 declining balance	Pharmacy Students starting June 09	See Refund Policies	\$2,668/Fall semester	On or before e-bill payment due date
12 meals/week + \$130 declining balance	Pharmacy Students starting June 09	See Refund Policies	\$2,310/Fall semester	On or before e-bill payment due date
19 meals/week + \$130 declining balance	Pharmacy Students starting Aug	See Refund Policies	\$1,692/Fall semester	On or before e-bill payment due date
12 meals/week + \$130 declining balance	Pharmacy Students starting Aug	See Refund Policies	\$1,518/Fall semester	On or before e-bill payment due date
7 meals/week + \$130 declining balance	Pharmacy Students starting Aug	See Refund Policies	\$1,075/Fall semester	On or before e-bill payment due date
19 meals/week + \$130 declining balance	Pharmacy Students Spring sem	See Refund Policies	\$1,976/Spring semester	On or before e-bill payment due date
12 meals/week + \$130 declining balance	Pharmacy Students Spring sem	See Refund Policies	\$1,775/Spring semester	On or before e-bill payment due date
7 meals/week + \$130 declining balance	Pharmacy Students Spring sem	See Refund Policies	\$1,267/Spring semester	On or before e-bill payment due date
19 meals/week + \$130 declining balance	Pharmacy Students starting June 10	See Refund Policies	\$2,716/Fall semester	On or before e-bill payment due date
12 meals/week + \$130 declining balance	Pharmacy Students starting June 10	See Refund Policies	\$2,348/Fall semester	On or before e-bill payment due date
<b>London Programs at Daniel House, Samford's London Study Centre, Fees (subject to change)</b>				
Pharmacy Externship (12 weeks)	Pharmacy Students	See Refund Policies	TBD	Due at registration
Pharmacy Externship (8 weeks)	Pharmacy Students	See Refund Policies	TBD	Due at registration
Pharmacy Participation Fee	Pharmacy Students	See Refund Policies	TBD	Due at registration
<b>Fees</b>				
Application Fee for School of Pharmacy Admission	All Pharmacy Students	Nonrefundable	\$50/application	At time of application submission
Books and Supplies	All Pharmacy Students		\$1,600 (estimate)	Cash/check/credit card at time of purchase
Lab Supplies	All Pharmacy Students		\$305/year	On or before e-bill payment due date
Technology Fee - Summer	All Pharmacy Students	See Course Drops and Adds	\$30/term	On or before e-bill payment due date
Technology Fee - Fall, Spring	All Pharmacy Students	See Course Drops and Adds	\$110/semester	On or before e-bill payment due date

\* Double rooms assigned for single occupancy are 200% of the rate for double-occupancy rooms.

NOTE: See p. 34 for a list of General Miscellaneous Fees that apply to ALL students.

SPECIAL NOTE: Fees are subject to change without notice. See the Bursar's Office Web site for the latest tuition and fee info: [www.samford.edu/admin/bursar/fees.html](http://www.samford.edu/admin/bursar/fees.html)

**(1) Charges incurred after the e-bill has been generated for the semester/term are due on or before the e-bill due date (see Payment Schedule on p. 34 for e-bill generation and payment due dates). Charges incurred during the drop/add period are due when incurred. Classes may be canceled for non-payment.**

# Metro Programs



Photo courtesy of Virginia Jones



Photo courtesy of Carl Delfavero





Photo courtesy of Virginia Jones

## Administration

Cindy Formanek Kirk, Executive Director, Metro Programs  
 Sherry Gottlieb, Director of Adult Learning Services  
 Della Fancher, Director of Business Development  
 Laura Hendley Lee, Director of Paralegal Studies Certificate Program  
 Suzanne Montgomery, Director of Samford After Sundown

### Metro Programs

Samford University's Metro Programs provide opportunities for personal and professional growth over the lifespan through rigorous academic programs and relationships in a Christian community. Metro acts as a bridge between the community and Samford University, identifying and addressing the educational needs of the local workforce and introducing the values and meaning of the University to those with whom we connect.

Three programs are administered to serve the needs of the community: the Adult Degree Program, the Paralegal Studies Certificate Program, and Samford After Sundown. The **Adult Degree Program** offers undergraduate college credit courses for working adults with the options to complete the bachelor of science in interdisciplinary studies (B.S.I.S.) or the associate of science degree (A.S.). Students completing the **Paralegal Studies Certificate Program** take 10 legal specialty courses for college credit. The certificate can be earned by those who have already completed at least an associate's degree or in combination with an associate's or bachelor's degree. Courses for both programs are conveniently scheduled in the evenings and on the weekends. Students may be admitted to begin courses in fall, spring, or summer. Metro's faculty is composed of members chosen from the full-time Samford faculty and practitioners who are experts in their fields.

Through **Samford After Sundown**, noncredit programs are offered that respond to the educational needs of individuals, businesses, industries, and governmental agencies in the metropolitan area as well as to professional groups within the region. Depending on content, courses may meet for one evening or over several months. Most Samford After Sundown courses do not have entrance requirements.

### Portfolio Credit

Because adults often have achieved competencies beyond those of traditional undergraduate students, the Samford University faculty may award up to 30 credits for college-level learning. This nontraditional learning may come from military training or other professional experiences. This may be presented to faculty through a portfolio that is prepared by the student or evaluated through credit recommendation reference guides such as the American Council on Education's National Guide for Educational Credit for Training Programs. Both methods are coordinated through the Metro Programs Office. Students should apply for this credit during the first term at the University. Metro Programs staff will provide guidelines for portfolio preparation to all interested students. Portfolio credit does not count toward the residency requirement at Samford University. Students must earn at least 50 percent of their total credit hours through courses taken at Samford.

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## Programs

### Bachelor's Degree Concentrations

Administrative/Community Services  
 Track 1: Administrative  
 Track 2: Paralegal Certificate  
 Counseling Foundations  
 Liberal Studies  
 Manager and Leadership Development

### Associate Degrees

Administrative/Community Services

### Nondegree Credit Program

Paralegal Certificate

### Non-Credit Programs

Samford After Sundown (professional and personal development)  
 Healthcare Interpreter Training Certificate  
 Pharmacy Technician Certificate  
 Photography Certificate  
 Miscellaneous Online and On-Campus Courses

Through the Adult Degree Program, the Orlean Bullard Beeson School of Education and Professional Studies awards the bachelor of science in interdisciplinary studies (B.S.I.S.) degree with concentrations in administrative/community services, counseling foundations, liberal studies, and manager and leadership development. The associate of science degree (A.S.) is offered in administrative/community services. In addition, a nondegree Paralegal Studies Certificate Program is also offered.

A minimum of 64 credits must be taken at Samford University in order to meet residency requirements for the bachelor of science in interdisciplinary studies degree. With a minimum of 64 credits, an associate of science degree may be earned in administrative/community services. A minimum of 32 credits must be taken at Samford University in order to meet residency requirements for the associate of science degree.

These bachelor of science in interdisciplinary studies programs are the most flexible of all awarded by the University and are designed specifically for adult students. The responsibility for determining the suitability of these concentrations and their applicability to particular conditions rests with the individual student. Students planning to pursue post-baccalaureate studies should review the requirements of the targeted graduate program to determine whether undergraduate-level prerequisites exist.

Certificate programs allow students to develop specific career-related skill sets. Courses in the Paralegal Studies Certificate Program are offered for college credit. Professionals who have completed at least the associate degree may complete certificate requirements, along with any prerequisites, and earn the certificate without completing an entire degree. In addition, credit earned in paralegal courses may be applied to the B.S.I.S. degree. Certificate programs offered through Samford After Sundown are not offered for college credit and generally do not require completion of any degree or prerequisite courses.

## Academic Regulations

Unless stated otherwise, Adult Degree Program students are bound by the same academic regulations as other undergraduates; these regulations are found in the Academic Policies and Regulations section of this catalog.

## Admission Procedures for the Adult Degree Program

It is expected that students who enter this program have been out of high school for at least three years and are unable to enroll in the day program due to work schedules, family concerns or other reasons. Metro Programs is the administrative office that serves Adult Degree Programs and students. Applications for admission are accepted each term.

To apply online, visit [www.applyweb.com/apply/samforda/menu.html](http://www.applyweb.com/apply/samforda/menu.html). To download an application form, visit [www.samford.edu/schools/metro/index.html](http://www.samford.edu/schools/metro/index.html).

### Admission as an Entering Freshman (No previous college credit)

Students should submit the following items to the Office of Admission:

1. Your high school transcript\*: This must be mailed from the high school directly to the Samford University Office of Admission.
2. An official ACT or SAT score report (unless you graduated from high school five or more years ago.) American College Testing or the College Board must send score reports directly to the Samford University Office of Admission.
3. Application fee: \$35 (nonrefundable)
4. Admission application, completed in full, including reference forms and essay.
5. One reference. Please use the reference form included with the application.
6. Admission essay: No longer than two typed or handwritten pages.

\*If you have a GED, please review the High School Equivalency information in Admission Procedures and Policies section of this catalog.

### Admission as a Transfer Student

If you have attended another college or university and wish to apply to Samford University, please submit the following information to the Office of Admission:

1. One official transcript from each college that you attended. Transcripts must be mailed directly from your former institution's records office to the Office of Admission. If you earned fewer than 24 semester or 36 quarter hours of credit at other institutions, you must provide the documents required of Entering Freshmen (see above), in addition to your college transcripts.
2. Application fee: \$35 (nonrefundable)
3. Admission application, completed in full.
4. One reference. Please use the reference form included with the application.
5. Admission essay: No longer than two typed or handwritten pages.

### Reference Considerations

The reference form should be completed by a nonfamily member well acquainted with your capabilities, motivation, and initiative. Employers, former employers, or former instructors are recommended.

### Essay Considerations

Whether typed or handwritten, in two pages or less, please tell us about yourself, your academic background, and collegiate ambitions. We are particularly interested in why you are applying to Samford University. Please attach the essay to the application. The essay is required unless applying under the special status classification.

### Admission under the Special Status Classification

Special status is a nondegree-seeking classification. You may wish to consider the special status option for one of the following reasons:

1. Time constraints prevent the completion of the regular application process prior to the beginning of a desired term.
2. You have a desire to take courses for credit but are not interested in earning a bachelor's degree at the present time (regardless of whether or not you already have a bachelor's degree).

To apply as a special status student, please submit the following items to the Office of Admission:

1. Special Status Application, completed in full. The application may be submitted without the reference forms and essay.
2. Application fee: \$35 (nonrefundable)
3. If you attended college within the last 12 months, please request a letter of good standing from the institution. Otherwise, no transcripts are required to apply under the special status classification.

**Reclassification**

Most students admitted under the special status classification may wish to eventually change their status to a regular, degree-seeking classification. In order to initiate a change of status, you must complete a Change of Status form and submit it to the Office of Admission. (Forms may be obtained through the Metro Programs office.) In order to be reclassified, you must meet the admission conditions of either a transfer student or an entering freshman and provide the additional required information and documents to the Office of Admission.

**Restrictions of the Special Status Admission Classification:**

1. If you are currently under suspension from another institution, you may not attend Samford University until the suspension period imposed by the previous institution has expired.
2. You are ineligible to receive federally funded financial aid until your admission status has been changed to a degree-seeking category.
3. You must have been graduated from high school for three or more years.
4. A maximum of 18 credit hours earned as a special status student will count towards a Samford degree program. Each academic department reserves the right to determine the acceptability of credits earned under this classification.
5. Credit earned as a special status student will not count towards a graduate degree.

**Admission as an Audit Student**

Students may also apply under audit status. See Audit Student Applicant in Admission Procedures and Policies in this catalog.

**Tuition, Fees, and Financial Aid**

Because Adult Degree Program students commute to and from classes, do not receive meal plans, and do not have access to the full range of degrees designed for traditional day students, the tuition fee is substantially below the day rates. (See Tuition and Fees Chart.) Courses taken during the daytime carry the full-tuition rate.

Although University scholarships are not available to Adult Degree Program students, they should apply for non-University scholarships. Also, residents of the state of Alabama are eligible to receive the Alabama Student Grant if they meet the eligibility requirements. Evening students may also apply for other types of federal financial aid programs such as Pell grants and student loans. Financial Aid Applications may be requested by calling the Office of Financial Aid at (205) 726-2905.

There are few additional fees associated with evening classes aside from the cost of textbooks. Most major credit cards are accepted. (See the General Miscellaneous Fees chart on p. 34 for a list of additional fees that may apply.)

**Parking**

All evening students must register their automobiles with the Office of Safety and Security. There is a minimal annual charge for parking on campus.

**Class Registration and Policies**

Adult Degree Program students are limited to 14 credits per fall or spring semester and 10 credits per summer term without the executive director's approval.

**Bachelor's Degree Requirements**

**General Education Requirements**

All bachelor degree programs require a minimum of 128 total credits that include 40 credits of upper-level (300-400) coursework, 3 credits of computer literacy, and 18 credits of upper-level coursework in the concentration. Specific requirements for each concentration are outlined below. A total of 64 credits should be earned outside the concentration. **MPEN 101 and MPEN 102 should be taken as part of a student's first 18 credits at Samford.** Unless otherwise specified, credits that have been used to satisfy general education requirements may not be counted as part of any concentration.

Metro Adult Degree Program Bachelor of Science in Interdisciplinary Studies Required Courses	Course Credits	Total Required Credits
<b>General Education Requirements:*</b>		<b>69</b>
Natural/Computational Sciences & Mathematics	17	
Social Sciences	15	
World Languages	8	
Fine Arts	6	
Humanities	18	
Physical Education	5	
<b>Concentration:**</b>		<b>47-59</b>
Administrative/Community Services: Tracks 1 & 2	51	
Counseling Foundations	47	
Liberal Studies	59	
Manager and Leadership Development	57	
<b>General Electives***</b>		<b>0-12</b>
<b>Total Required Credits</b>		<b>128</b>

\* See General Education Requirements table for required/applicable courses.

\*\* Hours for each concentration includes MPIS 401 (Senior Capstone), a 3-credit required course. See individual concentration tables for required/applicable courses.

\*\*\* General Elective credits vary depending on concentration chosen.

**METRO PROGRAMS - UNDERGRADUATE EVENING STUDENT  
TUITION AND FEES FOR ACADEMIC YEAR 2009-2010**

Description of Expense	Student Classification	Payment Regulations	Expense	Payment Due Date (1)
<b>Tuition</b>				
All credits - Adult Degree Program and Paralegal Studies Certificate Program	All Evening Students	See Refund Policies	\$335/credit (Fall or Spring) \$320 (Sum 2009) \$335 (Sum 2010)	On or before e-bill payment due date
Audit - Adult Degree Program	All Evening Students	See Refund Policies	\$335/credit	On or before e-bill payment due date
<b>Fees</b>				
Application Fee for Undergraduate Admission	All Evening Students	Nonrefundable	\$35/application	At time of application submission
Technology Fee - Summer	All Evening Students	See Course Drops/Add	\$30/term	On or before e-bill payment due date
Technology Fee - Fall, Spring	All Evening Students	See Course Drops/Add	\$110/semester	On or before e-bill payment due date
Books and Supplies	All Evening Students		\$1,200 (estimate)	Cash/check/credit card at time of purchase

NOTE: See p. 34 for a list of General Miscellaneous Fees (Vehicle Registration/Decal, ID Replacement, etc.) that apply to ALL students.

SPECIAL NOTE: Fees are subject to change without notice. See the Bursar's Office Web site for the latest tuition and fee info: [www.samford.edu/admin/bursar/fees.html](http://www.samford.edu/admin/bursar/fees.html)

**(1) Charges incurred after the e-bill has been generated for the semester/term are due on or before the e-bill due date (see Payment Schedule on p. 34 for e-bill generation and payment due dates). Charges incurred during the drop/add period are due when incurred. Classes may be canceled for non-payment.**

<b>Metro Adult Degree Program General Education Requirements Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>Natural/Computational Sciences &amp; Mathematics:</b>		<b>17</b>
MPCO 100 Introduction to Computing	3	
MPMA 110 Contemporary Mathematics	3	
MPMA 210 Statistics	3	
Two laboratory sciences	8	
<b>Social Sciences:*</b>		<b>15</b>
<b>History</b> (select two courses)		
MPHI 101 World History I	3	
MPHI 102 World History II	3	
MPHI 217 Early America to 1877	3	
MPHI 218 Modern America since 1865	3	
<b>Political Science/Psychology/Sociology</b>		
MPP0 211 American National Government	3	
MPPS 101 General Psychology	3	
MPSO 100 Introductory Sociology	3	
<b>World Languages</b>		<b>8</b>
101 and 102 of any foreign language	8	
<b>Fine Arts:</b> (select two courses)		<b>6</b>
MPAR 300 Art Appreciation	3	
MPMU 200 Music Appreciation	3	
MPTH 300 Theatre Appreciation	3	
<b>Humanities:</b>		<b>18</b>
<b>Humanities Core</b>		
MPEN 101 Oral and Written Communication I	3	
MPEN 102 Oral and Written Communication II	3	
MPCS 215 Oral Communication	3	
<b>English Literature</b> (select one course)**		
MPEN 201 Major British and Irish Authors	3	
MPEN 209 Special Topics in Literature	3	
MPEN 211 Major American Authors	3	
<b>Religion</b> (select two courses)		
MPRE 101 Old Testament Survey	3	
MPRE 102 New Testament Survey	3	
MPRE 201 Introduction to World Religions	3	
MPRE 300 Contemporary Ethical Issues	3	
<b>Physical Education:***</b>		<b>5</b>
MPPE 122 Fitness Walking and Strength Training	2	
MPPE 231 Personal and Community Health	3	
<b>Total Required General Education Credits</b>		<b>69</b>

\* Transfer credits classified as social science may count here.

\*\* Other literature courses may be taken with advisor's approval.

\*\*\* Transfer credits classified as physical education may count here.

### Administrative/Community Services Concentration

Students may select between two tracks for the administrative/community services concentration (ADMS): Track 1: Administrative; Track 2: Paralegal Certificate. In Track 2, students earn an American Bar Association-approved Paralegal Certificate along with a B.S.I.S. or associate degree.

<b>Metro Adult Degree Program ADMS Track 1: Administrative Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>General Education Requirements</b>		<b>69</b>
<b>Admin/Community Svcs Concentration (Track 1):*</b>		<b>51</b>
<b>Administrative/Business Core</b>		<b>6</b>
MPAC 200 Survey of Accounting	3	
MPEC 200 Survey of Economics	3	
<b>Administrative/Business Electives</b> (select 8 courses)		<b>24</b>
MPFI 300 Survey of Finance	3	
MPMG 300 Survey of Management	3	
MPMK 300 Survey of Marketing	3	
MPBL 352 Legal Environment of Business	3	
MPMG 470 Negotiation/Conflict Resolution	3	
MPMG 471 Advertising/Public Relations	3	
MPMG 472 Leadership: Paradigms & Roles	3	
MPMG 473 Human Resource Management	3	
MPPI 401 Business Ethics	3	
<b>Other Required Courses</b> (select at least six courses)		<b>18</b>
MPCN 350 Small-Group Process ( <i>recommended</i> )	3	
MPCS 453 Professional Communication	3	
MPHR 361 The Injured and Absent Employee	3	
MPML 310 Supervision	3	
MPPG 301 Employment Law ( <i>recommended</i> )	3	
Counseling Foundations (MPCN) Paralegal (MPPG)		
<b>Capstone Course</b>		<b>3</b>
MPIS 401 Senior Capstone	3	
<b>General Electives**</b>		<b>8</b>
<b>Total Required Credits</b>		<b>128</b>

<b>Metro Adult Degree Program ADMS Track 2: Paralegal Certificate Required Courses</b>	<b>Course Credits</b>	<b>Total Required Credits</b>
<b>General Education Requirements</b>		<b>69</b>
<b>Admin/Community Services Concentration (Track 2):</b>		<b>51</b>
<b>Paralegal Courses</b>		<b>30</b>
MPPG 121 Introduction to Paralegal Studies	3	
MPPG 123 Legal Research and Writing	3	
MPPG 226 Business Associations	3	
MPPG 227 Estates and Trusts	3	
MPPG 229 Litigation	3	
MPPG 300 Business Law for Paralegals	3	
MPPG 301 Employment Law or MPPG 307 Criminal Law	3	
MPPG 304 Family Law	3	
MPPG 306 Debtor-Creditor Law	3	
MPPG 308 Real Estate Law	3	
<b>Administrative/Business</b>		<b>18</b>
MPAC 200 Survey of Accounting	3	
MPEC 200 Survey of Economics	3	
MPMG 300 Survey of Management	3	
Elective Credits within Concentration:*** MPCS 453 Professional Communication (3) MPHR 361 Injured and Absent Employee (3) MPPI 401 Business Ethics (3) Administrative/Business (various prefixes; see p. 241) Counseling Foundations (MPCN)	9	
<b>Capstone Course</b>		<b>3</b>
MPIS 401 Senior Capstone	3	
<b>General Electives**</b>		<b>8</b>
<b>Total Required Credits</b>		<b>128</b>

\* Acceptable transfer work in business, education, and paralegal courses may apply to the 51 required credits in Track 1.

\*\* Credits chosen to enhance required courses.

\*\*\* Other electives may apply; see department advisor for details.

### Counseling Foundations Concentration

This concentration is useful for persons working in human services or other professions but does not apply toward professional counseling certification.

<b>Metro Adult Degree Program Counseling Foundations Concentration Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>General Education Requirements</b>			<b>69</b>
<b>Counseling Foundations Concentration:</b>			<b>47</b>
<b>Counseling Foundations Core</b>			<b>24</b>
MPCN 202	Marriage and the Family	3	
MPCN 245	Intro to the Helping Professions	3	
MPCN 247	Basic Counseling Theory and Practice	3	
MPCN 343	Human Development	3	
MPCN 349	Basic Psychopathology	3	
MPCN 350	Small-Group Process	3	
MPCN 446	Intro to Tests and Measurements	3	
MPCN 448	Field Experience in the Helping Professions	3	
<b>Counseling Foundations Electives</b> (select at least seven courses from the list below)			<b>20</b>
MPCN 300	Death and Dying	3	
MPCN 331	Family Dynamics	3	
MPCN 351	Invitational Concepts	3	
MPCN 441	Personal Growth & Development	3	
MPCN 442	Life Crisis Management	3	
MPCN 450	Issues in Counseling	3	
MPCN 456	Special Topics in Counseling (may be taken three times for a maximum of 9 credits)	1-3	
<b>Capstone Course</b>			<b>3</b>
MPIS 401	Senior Capstone	3	
<b>General Electives (directed by advisor)</b>			<b>12</b>
<b>Total Required Credits</b>			<b>128</b>

### Liberal Studies Concentration

This concentration is designed for students who want maximum flexibility in their courses of study and/or who do not wish to focus in one of the regular B.S.I.S. concentrations.

<b>Metro Adult Degree Program Liberal Studies Concentration Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>General Education Requirements</b>			<b>69</b>
<b>Liberal Studies Concentration:*</b>			<b>59</b>
At least 40 credits within the concentration must be upper-division (300-400 level)			
<b>Capstone Course</b>			<b>3</b>
MPIS 401	Senior Capstone	3	
<b>Total Required Credits</b>			<b>128</b>

\*To be selected in consultation with an advisor.

### Manager and Leadership Development Concentration

This concentration is designed for those who wish to increase their interpersonal effectiveness as managers.

<b>Metro Adult Degree Program Manager &amp; Leadership Development Concentration Required Courses</b>		<b>Course Credits</b>	<b>Total Required Credits</b>
<b>General Education Requirements</b>			<b>69</b>
<b>Manager &amp; Leadership Development Concentration:</b>			<b>57</b>
<b>Interpersonal Relations*</b>			<b>24</b>
MPCN 245	Intro to the Helping Professions	3	
MPCN 247	Basic Counseling Theory and Practice	3	
MPCN 344	Industrial Counseling	3	
MPCN 350	Small-Group Process	3	
MPCN 441	Personal Growth and Development	3	
MPCN 446	Intro to Tests and Measurements	3	
MPPS 205	Life-Span Development	3	
MPSO 401	Social Psychology	3	
<b>Administration/Business Core</b>			<b>18</b>
MPAC 200	Survey of Accounting	3	
MPEC 200	Survey of Economics	3	
MPMG 300	Survey of Management	3	
MPMG 472	Leadership: Paradigms & Roles	3	
MPMG 473	Human Resource Management	3	
MPML 310	Supervision	3	
<b>Administration/Business Electives</b> (select four courses from the following)**			<b>12</b>
MPBL 352	Legal Environment of Business	3	
MPCO 312	Empowering Managers to Understand IT	3	
MPFI 300	Survey of Finance	3	
MPHR 361	The Injured and Absent Employee	3	
MPMG 470	Negotiation/Conflict Resolution	3	
MPMG 471	Advertising/Public Relations	3	
MPMK 300	Survey of Marketing	3	
MPPI 401	Business Ethics	3	
<b>Capstone Course</b>			<b>3</b>
MPIS 401	Senior Capstone	3	
<b>General Electives***</b>			<b>2</b>
<b>Total Required Credits</b>			<b>128</b>

\* Some counseling/psychology course substitutions may occur with advisor approval.

\*\* Other electives may apply; see department advisor for details.

\*\*\* Acceptable transfer credits unused in other areas may apply here. Electives should be courses chosen to enhance required courses.

## Associate of Science Degree Requirements

A minimum of 64 credits is required for the associate of science degree in administrative/community services. Transfer students are required to complete a minimum of 32 credits at Samford University, including at least 12 credits in general education requirements.

Each associate degree student should declare their degree intention by the beginning of the sophomore year. This information must be on file in the Office of Student Records.

A GPA of 2.00 in the Samford University (SU) average (calculated on work done at Samford) is required. A student must have at least a 2.00 GPA in the area of concentration. (See Areas of Study-Brief Definitions on p. 23, for a description of how the GPA is calculated.)

Metro Adult Degree Program Associate of Science Degree Required Courses	Course Credits	Total Required Credits
<b>General Education Requirements:</b>		<b>36</b>
<b>Natural Sciences &amp; Mathematics</b>		<b>10</b>
MPCO 100 Introduction to Computing	3	
MPMA 110 Contemporary Mathematics	3	
One laboratory science course	4	
<b>Social Sciences* (select two courses)</b>		<b>6</b>
MPHI 101 World History I	3	
MPHI 102 World History II	3	
MPHI 217 Early America to 1877	3	
MPHI 218 Modern America since 1865	3	
<b>Fine Arts (select one course)</b>		<b>3</b>
MPAR 300 Art Appreciation	3	
MPMU 200 Music Appreciation	3	
MPTH 300 Theatre Appreciation	3	
<b>Humanities:</b>		<b>12</b>
<b>Humanities Core</b>		
MPEN 101 Oral and Written Communication I	3	
MPEN 102 Oral and Written Communication II	3	
<b>Religion (select two courses)</b>		
MPRE 101 Old Testament Survey	3	
MPRE 102 New Testament Survey	3	
MPRE 201 Introduction to World Religions	3	
MPRE 300 Contemporary Ethical Issues	3	
<b>Physical Education**</b>		<b>5</b>
MPPE 122 Fitness Walking and Strength Training	2	
MPPE 231 Personal and Community Health	3	
<b>Courses within Concentration***</b>		<b>24</b>
See Administrative/Community Services tables		
<b>General Electives outside Concentration</b>		<b>4</b>
<b>Total Required Credits</b>		<b>64</b>

\*Transfer credits classified as social science may count here.

\*\*Transfer credits classified as physical education may count here.

\*\*\*Choose from the following areas/prefixes: administration/business (MPAC, MPBL, MPEC, MPFI, MPHHR, MPMG, MPMK), counseling foundations (MPCN), and paralegal (MPPG). Communication studies (MPCS) and philosophy (MPPI) may also count. NOTE: Students pursuing the Paralegal Certificate as part of their associate degree must complete 30 credits.

## Paralegal Studies Certificate Program

Samford University's Paralegal Studies Certificate Program is approved by the American Bar Association. Students who currently have an associate or bachelor's degree may take the ten legal specialty courses described below and earn the Paralegal Certificate. In addition, all legal specialty courses are offered for academic credit and may apply towards a degree. Students who do not currently have an associate or bachelor's degree should refer to Track 2 of the administrative/community services concentration. All instructors in the Paralegal Studies Certificate Program are licensed attorneys or paralegals.

The program is committed to producing well educated, capable, and ethically aware graduates who, although they may not provide legal services directly to the public except as permitted by law, are prepared for careers as paralegals to attorneys in private, public, and corporate settings. Paralegals are professionals trained both in the substance of the law and in legal procedure who use that knowledge and those skills to provide a broad range of legal services under the supervision and direction of an attorney. Specifically, the program goals are:

1. To train students in a practical way for careers as paralegals to attorneys.
2. To promote a basic understanding of legal concepts and terms on subjects that are important to those engaged in general practice or in specialized areas of law and to equip students with legal writing and research skills that will enable graduates to perform as skilled members of a legal team.
3. To provide a general understanding of the principles of ethical and professional responsibility as these relate to lawyers and paralegals.
4. To provide a broad background in general education for development of educated, socially, morally, and ethically aware individuals.
5. To constantly upgrade and adjust the program to fulfill the needs of the community by seeking input from local attorneys, paralegals, and students.

### Transfer Policy

A total of three courses may transfer into the Paralegal Studies Certificate Program, provided that all of the following are met:

1. Each course was completed in the last seven years.
2. Each course was completed at an American Bar Association-approved program.
3. Each course was completed at an institution accredited by a regional accrediting agency.
4. Each course is equivalent in content and credit hours as one currently offered through the Paralegal Studies Certificate Program, as determined by the program's director.
5. The student provides a syllabus and a program/university catalog for each course under consideration.
6. The final determination concerning transferability is approved by the program's director.

For more information about the Paralegal Studies Certificate Program, call (205) 726-2898.

## Paralegal Studies Certificate Program

Paralegal Studies Certificate Program Required Courses	Course Credits	Total Required Credits
<b>Paralegal Courses</b>		<b>30</b>
MPPG 121 Introduction to Paralegal Studies	3	
MPPG 123 Legal Research and Writing	3	
MPPG 226 Business Associations	3	
MPPG 227 Estates and Trusts	3	
MPPG 229 Litigation	3	
MPPG 300 Business Law for Paralegals	3	
MPPG 301 Employment Law <i>or</i> MPPG 307 Criminal Law	3	
MPPG 304 Family Law	3	
MPPG 306 Debtor-Creditor Law	3	
MPPG 308 Real Estate Law	3	
<b>Total Required Credits</b>		<b>30</b>



## Credit Courses

NOTE: Beginning 2007-2008, all courses that formerly began with an MC prefix now begin with an MP prefix (MP for Metro Programs). Old course numbers are noted in parentheses at the end of each course description.

### ADMINISTRATION/BUSINESS

#### MPAC 200 Survey of Accounting (3)

Introduction to the preparation and interpretation of accounting information with special emphasis on the needs of non-business majors. Course covers both the use and reporting of accounting information generated for external audiences (creditors and the investing public) as well as that developed for internal decision-making. Offered: Summer and Fall. (Formerly MCAC 200)

#### MPBL 352 Legal Environment of Business (3)

Study of the fundamental areas of law that impact business and the government's role in the development of those laws. Through the use of cases and lectures, the interrelationship of these two dominant institutions of society is analyzed. Specific areas to be addressed include the regulation of employment, the law of contracts, torts, bankruptcy, and several areas of the Uniform Commercial Code (UCC). Offered: Fall and Spring. (Formerly MCBL 352)

#### MPEC 200 Survey of Economics (3)

Survey of the macroeconomic theories that explain the behavior of the world economy and the national economies that comprise it. Course covers the micro-economic relationships that explain the operations of individual consumer/supplier markets. Offered: Fall. (Formerly MCEC 200)

#### MPFI 300 Survey of Finance (3)

Introduction to financial management concepts and methods of analysis. Students gain comprehension of the central tenets of financial management including: 1) analyzing the risk return tradeoff, 2) evaluating the time value of money, 3) cash flow examination and valuation, 4) applying capital market efficiency theory to case applications, and 5) the analysis and understanding of the financial health of an organization. Prereqs: MPAC 200, MPEC 200, and MPMA 210. Offered: Spring. (Formerly MCFI 300)

#### MPHR 361 The Injured and Absent Employee (3)

Introduction to the human resources professional's role in the laws and regulations affecting injured and absent employees. Focus on the states' various approaches to workers' compensation (i.e., medical benefits and limited compensation), the Family and Medical Leave Act (FMLA) and the Americans with Disabilities Act (ADA). Also covered: various other aspects of state and federal law the human resources professional will need knowledge of to administer to injured and absent employees. Prereqs: MPMG 473 and MPBL 352, or equivalent. Offered: Summer. (Formerly MCHR 361)

#### MPMG 300 Survey of Management (3)

Examination of the content, skills, and organizational and societal settings of management duties. Exploration of the sources of managerial expertise and their links to the performance of all types of organizations. Prereqs: MPAC 200 and MPEC 200. Offered: Fall. (Formerly MCMG 300)

#### MPMG 470 Negotiation/Conflict Resolution (3)

Overview of contemporary theories and ideas in the field of negotiation. Emphasizes the practical application of negotiation in the business world and/or everyday life. Prereqs: MPAC 200 and MPEC 200. (Formerly MCMG 470)

#### MPMG 471 Advertising/Public Relations (3)

Overview of the advertising and public relations process, including the strategies behind successful campaigns. Focuses on real world settings as they relate to account management, creative development, production, media, and client service. Evaluation of creative executions and their potential impact on the end user. Prereqs: MPAC 200, MPEC 200, and MPMK 300. Offered: Fall. (Formerly MCMG 471)

#### MPMG 472 Leadership: Paradigms and Roles (3)

Examination of leadership, the influencing of others to accomplish something you think is important. Leadership theories, applications, and examples will be reviewed. Prereqs: MPAC 200 and MPEC 200. Offered: Summer. (Formerly MCMG 472)

#### MPMG 473 Human Resource Management (3)

Study of one or more of the challenges arising from changes in the business environment that managers face. Content is adapted by the instructor to conform to the challenges of the day. Prereqs: MPAC 200 and MPEC 200. Offered: Spring. (Formerly MCMG 473)

#### MPMK 300 Survey of Marketing (3)

Introduction to the concepts of marketing management with emphasis on a balance between theory and practice. Individual topics include demand analysis, marketing research, distribution channels, product policy, and marketing strategy. Prereqs: MPAC 200 and MPEC 200. Offered: Spring. (Formerly MCMK 300)

#### MPML 310 Supervision (3)

Case-study intensive course. With the use of written as well as video case studies, the student will be placed in the role of a supervisor. Students will acquire the theoretical knowledge and refine the interpersonal communication, decision-making, conflict resolution, and other supervisory skills most important for immediate and future career success. Prereq: MPMG 300. Offered: Fall.

### ART

#### MPAR 300 Art Appreciation (3)

Enables the student to understand artistic terms, methods, and philosophy, to recognize styles in periods of art history, and to develop aesthetic experiences that will better prepare the student for living in society. (Formerly MCAR 300)

### BIOLOGY

#### MPBI 105 Principles of Biology (4)

Study of the principles of life common to all living organisms. LEC, LAB. (Formerly MCBI 105)

#### MPBI 107 Contemporary Biology (4)

Designed for non-biology majors. Study of the interactions of humans within the biological world. Includes laboratory. (Formerly MCBI 107)

#### MPBI 110 Human Biology (4)

Study of the biological principles of the human body from a human biological anatomical, physiological, and an ecosociological perspective. May be used as a prerequisite for upper-level biology courses. Includes laboratory. (Formerly MCBI 110)

#### MPBI 111 Animal Biology (4)

Study of animal life from a cellular to an organismal level with emphasis on animal taxonomy and environmental relationships. May be used as a prerequisite for upper-level biology courses. Includes laboratory. (Formerly MCBI 111)

#### MPBI 112 Plant Biology (4)

Study of the form, function, and classification of the plant kingdom. Includes laboratory. Prereq: BIOL 105 or equivalent. (Formerly MCBI 112)

#### MPBI 324 Introduction to Toxicology (4)

Designed for the nonscientist and especially for those in the business and legal assistant concentrations. Acquaints the student with the scope and history of toxicology, provides basic information on home and workplace health and safety, and covers OSHA/EPA regulations relevant to citizens' rights-to-know with respect to toxicants in their communities and workplaces. Includes laboratory. Prereq: Any 100-level biology. (Formerly MCBI 324)

#### **MPBI 326 Introduction to Environmental Science (4)**

Study of the relationship of humans with the environment and current environmental problems. Prereq: Any 100-level biology. (Formerly MCBI 326)

#### **MPBI 327 Conservation Ecology (4)**

Study of the basic principles of ecology that relate to the utilization and conservation of the earth's biological resources. Includes ecosystem dynamics, population ecology, wildlife and fisheries techniques, the economics of conservation, and issues relating to the protection of endangered species. Prereq: Any 100-level biology. (Formerly MCBI 327)

#### **MPBI 436 Ecology (4)**

Study of the interactions of organisms and their environment with emphasis on the dynamics of natural communities. Prereq: One course in biological sciences. (Formerly MCBI 436)

### **CLASSICS**

#### **MPLA 101 Elementary Latin I (3)**

Introduction to the Latin language and culture, aimed at developing the ability to understand Latin through speaking, listening, reading, and writing. (Formerly MCLA 101)

#### **MPLA 102 Elementary Latin II (3)**

Introduction to the Latin language and culture, aimed at developing the ability to understand Latin through speaking, listening, reading, and writing. Prereq: MPLA 101 or equivalent. (Formerly MCLA 102)

#### **MPLA 103 Elementary Latin III (3)**

Introduction to the Latin language and culture, aimed at developing the ability to understand Latin through speaking, listening, reading, and writing. Prereq: MPLA 102 or equivalent. (Formerly MCLA 103)

#### **MPLA 453 Directed Readings in Latin (3)**

Advanced reading course designed for secondary teachers or prospective teachers. Course includes discussion of appropriate secondary teaching assignments. (Formerly MCLA 453)

### **COMMUNICATION STUDIES**

#### **MPCS 215 Oral Communication (3)**

Study of the techniques governing speeches to inform, convince, and actuate. Course covers speech composition, delivery, and audience analysis. Course includes an overview of interviewing and a discussion of the basic elements of business communications. (Formerly MCCS 215)

#### **MPCS 221 Interpersonal Communication (3)**

Projects, experiments, readings, and class participation designed to help students to identify interpersonal communication in human relationships, to appreciate its effectiveness, and to develop skills in its use. (Formerly MCCS 221)

#### **MPCS 415 Persuasion (3)**

Analysis of persuasion as a decision-making tool in a democratic society. Various theories of persuasion are analyzed with attention given to factors such as attention, perception, needs, values, credibility, winning belief, and ethics. Prereq: MPCS 215 or permission of the instructor. (Formerly MCCS 415)

#### **MPCS 453 Professional Communication (3)**

Study of theories and research of rhetorical strategies as practiced in various professional discourse communities. Applications of theory are made to a number of writing contexts, including business and technical communication. Prereq: MPEN 102. (Formerly MCCS 453)

### **COUNSELING FOUNDATIONS**

#### **MPCN 202 Marriage and the Family (3)**

Study of the relationships in modern personal and family living. Covers dating, marriage, stages of family life, and intra-family relationships including husband-wife, parenting, and extended family. Offered: Spring, on rotation. (Formerly MCCN 202)

#### **MPCN 245 Introduction to the Helping Professions (3)**

Study of the fundamentals of basic human relations and an introduction to the basic principles, techniques, and theories of the counseling process. Offered: Fall. (Formerly MCCN 245)

#### **MPCN 247 Basic Counseling Theory and Practice (3)**

Study of the stages and factors involved in the process of counseling. Practical applications of counseling form the basics of instruction with emphasis given to the relationships of counseling to the counselor and counselee. Prereq: MPCN 245. Offered: Spring. (Formerly MCCN 247)

#### **MPCN 256 Becoming a Self-Regulated Learner (3)**

Designed to assist adult learners returning to academic study to acquire learning and memory strategies and tactics. Provides students with research information and individual assessment feedback to develop a learner profile contributing to more effective information management. Offered: Summer. (Formerly MCCN 256)

#### **MPCN 300 Death and Dying (3)**

Development of personal death awareness and introduction to some of the aspects associated with counseling clients that are facing death, as well as the concerns of members of their families who go through the grief process. Offered: Spring. (Formerly MCCN 300)

#### **MPCN 331 Family Dynamics (3)**

Analysis of family functioning, strengths, and weaknesses, as well as how family members relate to each other. The importance of family roles and expectations, the impact of family origin on self-esteem and life choices, patterns of communication and conflict management are highlighted. Prereq: MPEN 102. Offered: Fall. (Formerly MCCN 331)

#### **MPCN 332 Directed Studies in Counseling (3)**

Students obtain individual guidance in researching a special area of interest in counseling, organizing the research, and sharing it with the class. Involves library research, independent reading, and reporting. Offered: Spring, on rotation. (Formerly MCCN 332)

#### **MPCN 342 Case Studies (3)**

Students learn from the process and techniques of developing case studies as well as their appropriate uses. A portfolio of case studies is developed with special emphasis given to family problems. Prereqs: MPCN 245 and MPEN 102. Offered: Spring, on rotation. (Formerly MCCN 342)

#### **MPCN 343 Human Development (3)**

In-depth study of physical, mental, and personality development across the life span from conception to death, and the influences of the environment on development. Emphasis on preschool years as well as the characteristics and needs at different development stages. Offered: Fall. (Formerly MCCN 343)

#### **MPCN 344 Industrial Counseling (3)**

Introduction to the role of the counselor and the psychologist in the modern industrial or business setting. Emphasis on human relationships. Offered: Fall. (Formerly MCCN 344)

#### **MPCN 349 Basic Psychopathology (3)**

Investigation of the major categories of disorders associated with personality pathology. Addresses symptomatology, therapeutic approaches and prognosis associated with specific disorders, anxiety-based disorders, somatoform disorders, dissociative disorders, psychoses, organic brain disorders, and psychophysiological disturbances. Offered: Spring, on rotation. (Formerly MCCN 349)

**MPCN 350 Small-Group Process (3)**

Introduction to various applications of group therapy, as well as other group problem-solving activities. Group dynamics and group management techniques are introduced. Attention is given to legal and ethical factors related to managing groups. Offered: Spring. (Formerly MCCN 350)

**MPCN 351 Invitational Concepts (3)**

Introduction to Purkey's Invitational Model with emphasis on applications of this model to areas in which people interact and work together. Focus on identification of unrealized potential in self and others, and applications of the model that may be used to improve business and educational environments. Offered: Fall.

**MPCN 441 Personal Growth and Development (3)**

Introduction to basic areas of growth and adjustment encountered by members of our culture. Emphasis is placed on developing a well-integrated personality, self-adjustment, and self-management. Prereq: MPEN 102. Offered: Summer and Spring. (Formerly MCCN 441)

**MPCN 442 Life Crisis Management (3)**

Students learn how to help an individual cope with an unforeseen crisis in life including divorce and/or separation, chronic conditions, and death. Prereq: MPEN 102. Offered: Summer, on rotation. (Formerly MCCN 442)

**MPCN 446 Introduction to Tests and Measurements (3)**

Study of the measurements used in psychology for evaluation purposes. Attention is given to scoring, validity, reliability, individual and group tests, interest inventories, personality measurement, and an assessment of personality. Prereq: MPEN 102. Offered: Fall. (Formerly MCCN 446)

**MPCN 448 Field Experience in the Helping Professions (3)**

Designed to supplement knowledge and skills acquired in the classroom by applying academic principles in a practical setting. Includes participation in an externship as well as on-campus seminar meetings with the instructor. Students are enrolled only by permission of the instructor. (Formerly MCCN 448)

**MPCN 450 Issues in Counseling (3)**

A study of the historical issues that have influenced counseling as well as the current issues in the profession. Problems and possible solutions are addressed. Prereq: MPEN 102. Offered: Spring. (Formerly MCCN 450)

**MPCN 456 Special Topics in Counseling (1-3)**

Weekend or special seminar courses. Topics vary. May be taken up to three times for a maximum of nine credits. (Formerly MCCN 456)

**EDUCATION****MPED 307 Foundations of Leadership (3)**

Introduction to the foundations of leadership and the importance of principled leadership in all areas of life. Offered: Spring.

**ENGLISH****MPEN 101 Oral and Written Communication I (3)**

Introduction to written and oral communications. Students gain proficiency in the composing process and in verbal presentations. Students must pass this course with a grade of C- or better to advance to MPEN 102. (Formerly MCEN 101)

**MPEN 102 Oral and Written Communication II (3)**

Continuation of MCEN 101 with additional practice in composition and verbal communication. Special emphasis is placed on learning how to apply critical thinking skills to the process of reading and incorporating sources into their documents. A major project in this course is the academic research paper. Students must pass this course with a grade of C- or better to advance to sophomore literature courses. Prereq: MPEN 101 with a grade of C- or better. (Formerly MCEN 102)

**MPEN 201 Major British and Irish Authors (3)**

Study of one or two major authors from each century (16th to the 20th) and includes drama (Shakespeare), prose fiction (Jane Austen), and poetry (William Wordsworth, Elizabeth Barrett Browning, and others). Provides depth of study on a few great authors, rather than a broad survey. Prereq: MPEN 102 with grade of C- or better. (Formerly MCEN 201)

**MPEN 209 Special Topics in Literature (3)**

Exploration of literary works (prose fiction and drama) and films that are connected thematically. Current offerings include "Literature of the Family" that explores relationships between family members and "The Cross-Cultural Experience" that presents works in which the protagonist interacts with people of another race or culture, resulting in situations that produce cultural misunderstandings and a variety of conflicts. Prereq: MPEN 102 with grade of C- or better. (Formerly MCEN 209)

**MPEN 211 Major American Authors (3)**

Study of American literature from its beginnings to the present, emphasizing major authors and major literary trends, such as the American Renaissance and the Harlem Renaissance. Prereq: MPEN 102 with grade of C- or better. (Formerly MCEN 211)

**MPEN 300 Creative Writing (3)**

Survey of styles, techniques, and trends in current fiction and poetry with emphasis on learning the craft of imaginative writing. Prereqs: MPEN 101, MPEN 102, and a literature course. (Formerly MCEN 300)

**EXERCISE SCIENCE AND SPORTS MEDICINE****MPPE 122 Fitness Walking and Strength Training (2)**

Designed to incorporate two aspects of positive health and fitness: strength training to enhance muscular strength and endurance, and fitness walking to develop the cardiorespiratory system. Other topics include stress management, behavior modification, body composition, common fitness injuries, and flexibility. (Formerly MCPE 122)

**MPPE 222 Relaxation/Stress Management (3)**

Discussion of the nature of stress, the relationship between stress and the body, mind, and soul, as well as effective coping strategies for handling stress. Techniques such as relaxation, imagery, meditation, cognitive restructuring, and time management are demonstrated and practiced. (Formerly MCPE 222)

**MPPE 231 Personal and Community Health (3)**

Teaches basic fundamentals of general health. Emphasis is placed on such topical areas as personal fitness, nutrition, mental and emotional health, and community and environmental health. (Formerly MCPE 231)

**HISTORY****MPHI 101 World History I (3)**

Survey of selected cultures from prehistory to 1500 within their political, economic, and social frameworks. (Formerly MCHI 101)

**MPHI 102 World History II (3)**

Survey of selected cultures from the Renaissance to the present within their political, economic, and social frameworks. (Formerly MCHI 102)

**MPHI 217 Early America to 1877 (3)**

Social, cultural, and political overview of American history from its colonial beginnings through the end of Reconstruction. Required of majors. (Formerly MCHI 217)

**MPHI 218 Modern America since 1865 (3)**

Social, cultural, and political overview of American history from 1865 through the present. (Formerly MCHI 218)

**MPHI 499 Special Topics in History (3)**

Unique, one-time offerings. (Formerly MCHI 499)

## INTERDISCIPLINARY STUDIES

### MPIS 401 Senior Capstone (3)

Students seeking a degree in Interdisciplinary Studies (B.S.I.S.) are required to complete the senior seminar course. Students will demonstrate ability to critically analyze a problem related to their interdisciplinary program by completing a senior project related to their concentration and/or career. In addition, students will compile a portfolio that documents current educational accomplishments and projected learning needs. Prereq: Senior status; student must be within 12 hours of completing degree requirements. Offered: Spring. (Formerly MCIS 401)

## MATHEMATICS AND COMPUTING

### MPCO 100 Introduction to Computing (3)

Survey course that includes a history of computing, description of system components, programming fundamentals, discussion of programming languages, processing methods, and applications. Introductory hands-on experience with word processing, spreadsheet, database, and communications software and hands-on exposure to the processes of problem-solving and programming. (Formerly MCCO 100)

### MPCO 101 Software Applications (3)

Conceptual understanding of the four major types of business software applications, including word processing, spreadsheet, database, and presentation software. The course covers unique qualities of each (strengths and weaknesses), proper usage of each, and interconnections among them. Prereq: MPCO 100. (Formerly MCCO 101)

### MPCO 312 Empowering Managers to Understand IT (3)

Study of the role information technology plays as an enabler of business. Students will learn how to properly work with information technology (IT) resources in the workplace and how to fully leverage the benefits that IT can provide. Prereq: MPAC 200. Offered: Fall.

### MPMA 110 Contemporary Mathematics (3)

Develops problem-solving skills by studying a wide range of contemporary applications of mathematics. Connections between contemporary mathematics and modern society are stressed. (Formerly MCMA 110)

### MPMA 210 Statistics (3)

Designed as an algebra-based introductory course in statistics. Covers descriptive and inferential statistics with probability decision-making skills necessary for today's complex civilization. Covers frequency, probability, binomial, normal, chi-square and sampling distributions, estimation, hypothesis testing for one and two populations, linear correlation and regression, and analysis of variance. Uses the graphing calculator and statistical computing packages. Prereqs: MPMA 110 or equivalent. (Formerly MCMA 210)

## MUSIC

### MPMU 200 Music Appreciation (3)

Introduction to historical and stylistic developments in music for non-music majors. Emphasis is placed upon listening, through both recordings and live concerts. (Formerly MCMU 200)

## PHILOSOPHY

### MPPI 311 Philosophy of Religion (3)

Investigation of philosophical issues in religious thought, including such issues as proofs and disproves of God's existence, the meaning of religious language, truth claims in different religions and related matters. (Formerly MCPI 311)

### MPPI 401 Business Ethics (3)

Examination of the application of ethics to business, specifically how to think and act ethically in business. Concentrates on ethical analyses of moral issues involved with the foundations and operations of business. Become familiar with the main tenets of thinking ethically, of virtue-based ethics, deontological ethics, and utilitarianism, and how to apply these insights toward and ethical evaluation of business. Offered: Fall. (Formerly MCPI 401)

## POLITICAL SCIENCE

### MPPO 211 American National Government (3)

Introduction to the political process in America with a focus on national political institutions. (Formerly MCPO 211)

### MPPO 499 Special Topics in Political Science (3)

Unique, one-time courses offered either by visiting professors or as experimental advanced courses by members of the department. (Formerly MCPO 499)

## PARALEGAL

### MPPG 121 Introduction to Paralegal Studies (3)

Examination of the concept, qualifications, and role of the paralegal. Selected topics include legal terminology, the levels of government, court structure and operation, the structure of the American legal system, basic interviewing and investigative techniques, the ethical considerations governing the lawyer-paralegal-client-public relationships, and the role of the paralegal in several substantive law areas. Students will also be exposed to technologies currently in use by paralegals including electronic filing and case management software. (Formerly MCPG 121)

### MPPG 123 Legal Research and Writing (3)

The student will acquire basic techniques and practical skills required in the use of legal materials. Problem assignments require the student to use many of the standard legal written authorities. Students will use the Cumberland School of Law library in the preparation of case briefs, memoranda, and appellate briefs. Prereq or Co-req: MPPG 121. (Formerly MPPG 323)

### MPPG 226 Business Associations (3)

Examination of the substantive law of business organizations, including the Uniform Partnership Act and the Model Business Corporation Act. Student drafts partnership agreements, corporate documents, and limited-liability company documents. Prereqs: MPPG 121 and MPPG 123. (Formerly MCPG 226)

### MPPG 227 Estates and Trusts (3)

Examination of the substantive and procedural law of wills, trusts, and estate administration. The student drafts a will and a trust, and prepares administration documents. Prereqs: MPPG 121 and MPPG 123. (Formerly MCPG 227)

### MPPG 229 Litigation (3)

Examination of the process of litigation. Special emphasis is placed on the pre-trial stage including pleading and discovery. The student performs tasks commonly performed by litigation paralegals. Prereqs: MPPG 121 and MPPG 123. (Formerly MCPG 229)

### MPPG 300 Business Law for Paralegals (3)

Introduction to the legal environment of business; learn the law of contracts and its effects on business; become familiar with the law regarding personal property, prepare documents in connection with commercial paper and secured transactions under the Uniform Commercial Code (UCC), prepare contracts for employment, business, and real property. Prereqs: MPPG 121 and MPPG 123. (Formerly MCPG 300)

**MPPG 301 Employment Law (3)**

The student will become familiar with transactions and will prepare documentation for the state and federal laws with respect to employment, sexual harassment, employment discrimination under Title VII and state law, litigation in the state and federal courts regarding employment matters, the Americans with Disabilities Act and its effect on employment, and the Family and Medical Leave Act and its effect on employment. Prereqs: MPPG 121 and MPPG 123. (Formerly MCPG 301)

**MPPG 304 Family Law (3)**

Examination of the substantive law of domestic relations. Topics covered include annulment, divorce, custody, and adoption. The student will learn the procedures used in this area and will prepare commonly filed documents and pleadings. Prereqs: MPPG 121 and MPPG 123. (Formerly MCPG 304)

**MPPG 306 Debtor/Creditor Law (3)**

Examination of the most frequently occurring topics of debtor-creditor law as they occur in a general law practice. Topics include creditor collection devices, Article 9 of the Uniform Commercial Code (UCC), and bankruptcy. Prereqs: MPPG 121 and MPPG 123. (Formerly MCPG 306)

**MPPG 307 Criminal Law (3)**

The student will learn the common law and statutory definitions of crimes (including crimes against persons and property), how to apply defenses to crimes, the application of the constitutional rights of the accused, and the procedures of criminal prosecution. Prereqs: MPPG 121 and MPPG 123. (Formerly MCPG 307)

**MPPG 308 Real Estate Law (3)**

Examination of the substantive law of real property. Training in the study of the law of real estate transactions. Topics include general principles of real estate law, conveyancing, loan-closing procedure, sale of real estate and sales contracts, title examination, deed preparation, foreclosures, leasing of real estate, option contracts, and recordation of various instruments. Prereqs: MPPG 121 and MPPG 123. (Formerly MPPG 228)

**PSYCHOLOGY****MPPS 101 General Psychology (3)**

Comprehensive overview of the scientific study of behavior and mental processes. Topics include physiology, sensation and perception, learning, cognition, development, personality, and social psychology. This course is a prerequisite for all other courses in psychology. (Formerly MCPS 101)

**MPPS 205 Life-Span Development (3)**

Survey of human thought and behavior from conception to death. Emphasis is placed on physical, moral, social, emotional, and cognitive development at each stage of life span. Prereq or Co-req: MPPS 101. (Formerly MCPS 205)

**MPPS 411 Special Topics in Psychology (3)**

Examination of a particular topic in psychology. Students may take the course more than once, if the topics are different, with permission of department chair. Prereq: Upper-level standing or permission of department chair. (Formerly MCPS 411)

**RELIGION****MPRE 101 Old Testament Survey (3)**

Survey of the history and writings of the Old Testament, seeking to sensitize students to the Old Testament's moral and cultural significance. (Formerly MCRE 101)

**MPRE 102 New Testament Survey (3)**

Survey of the history and writings of the New Testament, seeking to sensitize students to the New Testament's moral and cultural significance. (Formerly MCRE 102)

**MPRE 201 Introduction to World Religions (3)**

Investigation of the world's major living religions of both the Eastern and Western worlds. (Formerly MCRE 201)

**MPRE 300 Contemporary Ethical Issues (3)**

Study of critical and ethical issues confronting Christians in today's world, with attention to ethical decision-making. (Formerly MCRE 300)

**MPRE 331 Prophets (3)**

Exploration of the background and message of Israel's great preachers, major and minor prophets of the Old Testament, and the relevance of their insights for today. Prereq: MPEN 102. (Formerly MCRE 331)

**SOCIOLOGY****MPSO 100 Introductory Sociology (3)**

Basic sociological concepts are used in the analysis of contemporary and past social life. (Formerly MCSO 100)

**MPSO 203 Contemporary Social Problems (3)**

Analysis of such current social issues as population growth, crime, poverty, war, and agedness. (Formerly MCSO 203)

**MPSO 348 Sociology of Family (3)**

Study of how sociological theory and research applies to an understanding of the family in the social context including family as a social group, family as an institution within society, and family in global perspective across different societies. Critical questions include: What are the constraints of society on the family? What purpose does the family serve in the larger society? What roles do people play in the family? Who and what determines the assignment of those roles? What part does intimacy and sexuality play in family life? How do persons become involved in conflict and violence in families? What are the similarities and differences in family globally?

**MPSO 401 Social Psychology (3)**

Examination of the interaction between the individual and the social environment as a major factor in human behavior. (Formerly MCSO 401)

**MPSO 406 Race and Ethnic Relations (3)**

Description and analysis of the phenomena that arises when groups of people who differ racially and/or culturally come into contact with one another. (Formerly MCSO 406)

**SPANISH****MPSP 101 Elementary Spanish I (4)**

Introduction to Spanish language and culture, aimed at developing basic proficiency in understanding, speaking, reading, and writing Spanish. Offered: Fall.

**MPSP 102 Elementary Spanish II (4)**

Continuation of MPSP 101. Prereq: Successful completion of MPSP 101. Offered: Spring.

**THEATRE****MPTH 300 Theatre Appreciation (3)**

Study of the historical and literary significance of drama through the ages. The course follows the development of the theatre, paying particular attention to literary examples of each period and current trends of the modern theatre. (Formerly MCTH 300)

**WORLD LANGUAGES AND CULTURES**

Many additional language courses are offered in the evenings. See the World Languages and Cultures section within the Howard College School of Arts and Sciences for more information.



Photo courtesy of Carl Delfavero

## Samford After Sundown Professional and Personal Development

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### Mission

Samford After Sundown creates a bridge between the Birmingham community and Samford University, identifying and addressing the educational needs of our local workforce and introducing the values and meaning of the University to the individuals we serve. Samford After Sundown contributes to the fulfillment of the mission of Samford University by offering noncredit programs that respond to the educational needs of individuals, businesses, industries, and government agencies in the community, as well as to professional groups within the region.

### Noncredit Curriculum

The noncredit curriculum encompasses two programmatic thrusts: professional development and personal/intellectual enrichment. Programs are offered on a quarterly basis and include courses, conferences, workshops and seminars. Most programs are open to everyone without entrance restrictions and a few programs require the completion of prerequisite courses. Instructors include full-time Samford University faculty members and community members with significant expertise in a particular field.

Noncredit programs employ a variety of methods to deliver learning material. Many courses are offered on campus, taking advantage of Samford's state-of-the-art classroom and laboratory facilities. Other courses are available online, offering convenient twenty-four hour access to virtual classrooms. Samford After Sundown works with local businesses and non-profit organizations to design and administer customized training programs onsite to satisfy specific learning needs and objectives.

Noncredit courses offered as a means of personal development span a wide array of topics such as painting, photography, creative writing, languages, fitness and recreation. Continuing Education Units (CEUs) are awarded to each person who satisfactorily completes a noncredit activity. One CEU corresponds to ten contact hours of participation in an organized continuing education experience. A permanent record of CEUs is maintained and a transcript of CEUs earned at Samford University may be obtained upon request.

### Noncredit Certificate Programs

Samford After Sundown offers noncredit certificate programs that provide comprehensive professional training. These include the Healthcare Interpreter Training Certificate Program, the Pharmacy Technician Certificate Training Program and the Photography Certificate Program.

The **Healthcare Interpreter Training Certificate Program** is designed to train bilingual and bicultural students to develop the awareness, knowledge and skills necessary for effective language interpretation in healthcare settings. Through academic preparation, practical skills training, and service in community-based healthcare settings, certificate candidates learn the roles and responsibilities of a healthcare interpreter, basic knowledge of common medical conditions, treatments and procedures, language and cultural nuances for specific communities, and advanced interpreting skills. The nine-month program consists of over 200 hours of coursework taught one evening each week and two weekend days each month.

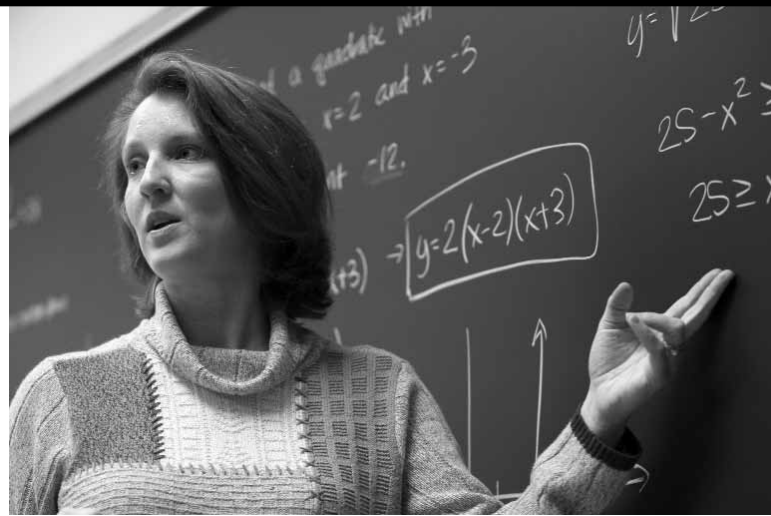
To qualify for admission, prospective students must have completed at least a high school diploma and must be bilingual in English and Spanish, as determined by verbal and written pretests.

The **Pharmacy Technician Certificate Training Program** prepares students to become part of the fastest-growing profession in the healthcare industry. Pharmacy technicians assist pharmacists with technical tasks and are employed in community and hospital pharmacies, prescription processing companies, home health care organizations and other pharmaceutical industries. Samford University's Pharmacy Technician Certificate program is taught by Samford University pharmacy faculty and registered pharmacists and introduces the necessary clerical, business, and technical aspects of the industry. The program includes hands-on experience in sterile compounding and processing prescriptions. Students are prepared to take the national certification examination offered by the Pharmacy Technician Certification Board to become a Certified Pharmacy Technician (CPhT).

The **Photography Certificate Program** is designed to enable students to function at a high level in the photographic market. The program requires students to complete a core curriculum of courses consisting of Basic, Intermediate, and Advanced Photography; Artificial Lighting; Post Processing and Professional Portfolio Development along with a number of electives. The student selects an advisor from among the photography instructors to guide them through the process and prepare a final portfolio for judging by a panel of experts. Students who successfully complete the requirements will be awarded the Photography Certificate of Achievement at award ceremonies held in December and May of each year.

For more information about Samford After Sundown, visit [www.samford.edu/sundown](http://www.samford.edu/sundown) or call (205) 726-2739.

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\*Board terms run from December to December.

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## Faculty

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Dean of Academic Services/Registrar (1997)  
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Assistant Professor, Communication Studies (2004)  
B.A., Hollins College  
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Research Professor, Divinity (1994)  
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Maitrise en lettres classiques, Doctorat de troisieme cycle en lettres classiques, University de Paris-Sorbonne
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Interim Chair, Associate Professor, Pharmacy (1994)  
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B. S., William Carey College  
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Professor, History (1971)  
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B.A., Furman University  
M.C.M., The Southern Baptist Theological Seminary  
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M.Div., Church Divinity School of the Pacific  
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Technical Director, Supervisor of Scene Shop  
Assistant Professor, Theatre & Dance (2003)  
B.A., State University of New York-Genesco  
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B.S., University of Alabama at Birmingham  
M.S.N., University of Central Arkansas
- Cameron, Robert P.**  
Assistant Professor, Chemistry & Biochemistry (1993)  
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- Carroll, John L.**  
Dean, Ethel P. Malugen Professor, Law (2001)  
B.A., Tufts University  
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Assistant Professor, Entrepreneurship, Management, & Marketing (2004)  
B.P.A., M.B.A., Mississippi State University  
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Assistant Professor, Entrepreneurship, Management, & Marketing (2003)  
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- Cates, Marshall E.**  
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B.A., Samford University  
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B.B.A., M.Ed., Mississippi State University  
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- Chapman, David W.**  
Dean, Arts and Sciences, Professor, English (1990)  
B.A., The University of Oklahoma  
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Ph.D., Texas Christian University
- Cherry, C. Edward**  
Associate Librarian, Samford University Library (1986)  
B.A., Samford University  
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- Chew, Stephen L.**  
Chair, Professor, Psychology (1993)  
B.A., The University of Texas at Austin  
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- Childs-Bowen, Deborah**  
Director of the Institute for Teaching and Student Achievement  
Associate Professor, Education (2001)  
B.S., M.Ed., Howard University  
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- Chou, Tzu-Ling Sarana**  
Assistant Professor, Music (2008)  
B.M., The Juilliard School  
M.A., The University of Chicago  
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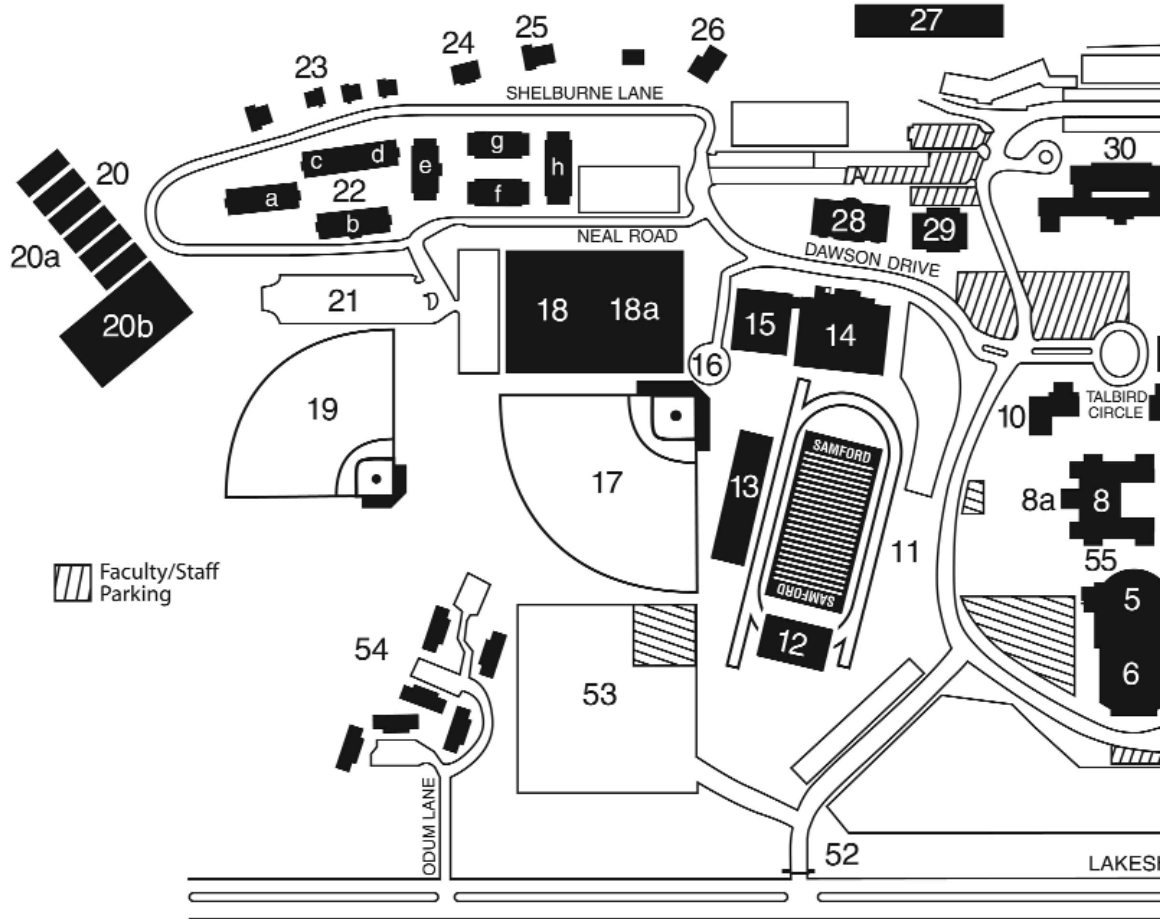
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 M.Div., Southwestern Baptist Theological Seminary  
 Ph.D., Samford University

**Wright, Dorothy A.**

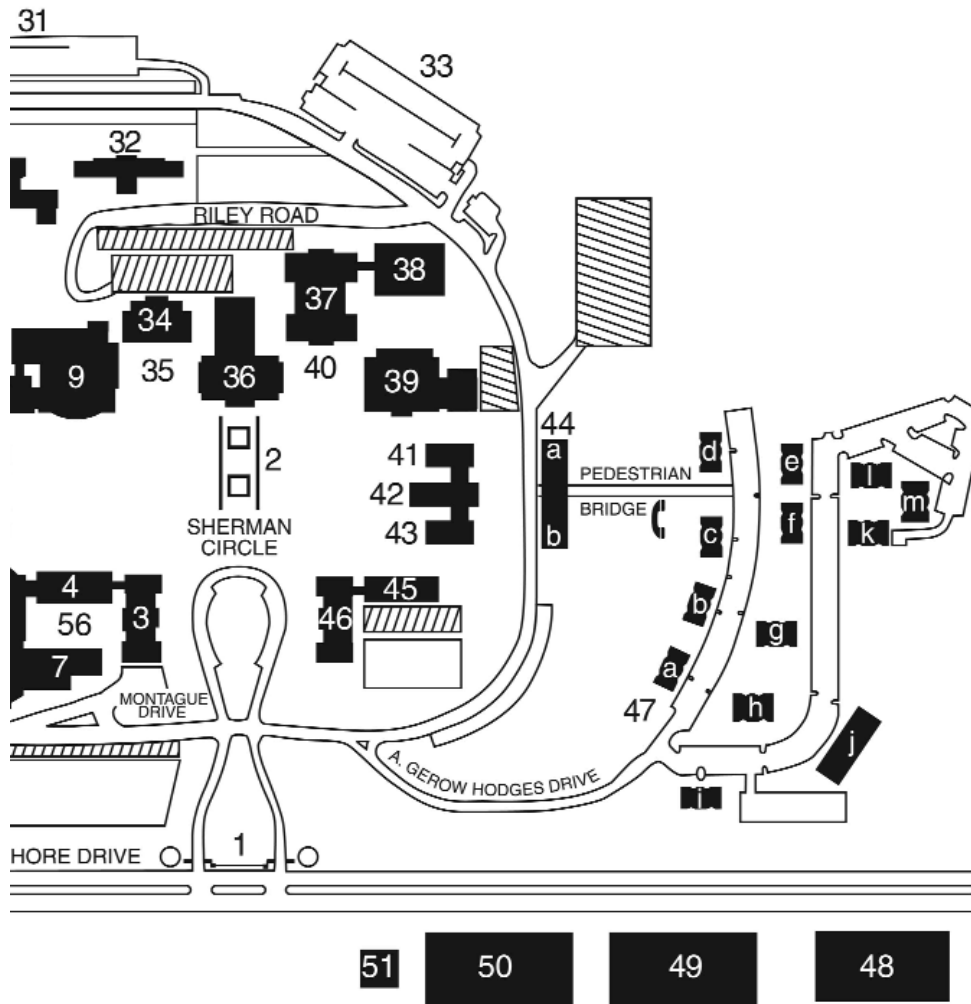
Instructor, Education  
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 Ed.D., Samford University



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|---|---|
| <ol style="list-style-type: none"> <li>1. Main Gate</li> <li>2. Centennial Walk</li> <li>3. Frank Park Samford Hall (Administration)</li> <li>4. John H. Buchanan Hall (School of the Arts)</li> <li>5. Bonnie Bolding Swearingen Hall</li> <li>5a. Benjamin F. Harrison Theatre</li> <li>5b. Bolding Studio</li> <li>6. Leslie S. Wright Fine Arts Center</li> <li>7. Jane Hollock Brock Hall</li> <li>7a. Jane Hollock Brock Recital Hall</li> <li>8. Divinity Hall (Divinity)</li> <li>8a. Andrews Gerow Hodges Chapel</li> <li>9. Ralph W. Beeson University Center</li> <li>10. J. D. Pittman Hall</li> <li>11. F. Page Seibert Stadium</li> <li>12. Cooney Family Field House</li> <li>13. Leo E. Bashinsky Press Tower</li> <li>14. F. Page Seibert Hall</li> <li>15. Leo E. Bashinsky Field House</li> <li>16. Bulldog Spirit Plaza</li> <li>17. Joe Lee Griffin Baseball Field</li> <li>18. Pete Hanna Center</li> </ol> | <ol style="list-style-type: none"> <li>18a. Thomas E. and Marla H. Corts Arena</li> <li>19. Bulldog Softball Field</li> <li>20. Samford Tennis Center</li> <li>20a. Darwin Hardison Courts</li> <li>20b. Pat Murphy Courington Pavilion</li> <li>21. West Parking Deck</li> <li>22. West Campus Residence Halls                     <ol style="list-style-type: none"> <li>22a. Sigma Chi</li> <li>22b. Mountain View</li> <li>22c. Sigma Nu</li> <li>22d. Alpha Omicron Pi</li> <li>22e. Phi Mu</li> <li>22f. Chi Omega</li> <li>22g. Alpha Delta Pi</li> <li>22h. Zeta Tau Alpha</li> </ol> </li> <li>23. Facilities Services Houses</li> <li>24. Pi Kappa Phi House</li> <li>25. Air Force ROTC Detachment</li> <li>26. Lambda Chi Alpha House</li> <li>27. Facilities Services</li> <li>28. Dwight M. and Lucille S. Beeson Center for the Healing Arts (Nursing)</li> <li>29. Orlean Bullard Beeson Hall (Education and Professional Studies)</li> </ol> |
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# Samford University Campus Map



- |  |  |
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| <ul style="list-style-type: none"> <li>30. Lena Vail Davis Residence Hall</li> <li>31. North Parking Deck</li> <li>32. Mamie Mell Smith Residence Hall</li> <li>33. Northeast Parking Deck</li> <li>34. Dwight M. Beeson Hall (Business)</li> <li>35. Ben Brown Plaza</li> <li>36. University Library</li> <li>37. Memory Leake Robinson Hall (Law)</li> <li>38. Lucille Stewart Beeson Law Library</li> <li>39. Elinor Messer Brooks and Marion Thomas Brooks Hall</li> <li>40. Martha F. and Albert P. Brewer Plaza</li> <li>41. Percy Pratt Burns Hall</li> <li>42. A. Hamilton Reid Chapel</li> <li>43. James Horton Chapman Hall</li> <li>44. William Self Propst Hall</li> <li>44a. Christenberry Planetarium</li> <li>44b. Conservatory</li> <li>45. Thomas D. Russell Hall</li> <li>46. Robert I. Ingalls, Sr. Hall (Pharmacy)</li> <li>47. Beeson Woods Residence Halls                         <ul style="list-style-type: none"> <li>47a. James Hall</li> <li>47b. Luther Hall</li> </ul> </li> </ul> | <ul style="list-style-type: none"> <li>47c. Malcolm Hall</li> <li>47d. Wesley Hall</li> <li>47e. Ralph Hall</li> <li>47f. Orlean Hall</li> <li>47g. Dwight Hall</li> <li>47h. Lucille Hall</li> <li>47i. Treetop Hall</li> <li>47j. Evergreen Hall</li> <li>47k. Rosa Hall</li> <li>47l. Ethel Hall</li> <li>47m. Marvin Hall</li> <li>48. Children's Learning Center</li> <li>49. Intramural Fields</li> <li>50. Bulldog Soccer Field</li> <li>51. Alpine Tower</li> <li>52. West Entrance</li> <li>53. South Stadium Parking Lot</li> <li>54. Student Apartments</li> <li>55. Gertha Itasca Earwood Bolding Memorial Rose Garden</li> <li>56. Hazel P. Boren Garden and Courtyard</li> </ul> |
|--|--|

# Abridged Campus Directory

For further information about Samford University or correspondence with the offices below  
 visit the Web site at [www.samford.edu](http://www.samford.edu) or write to Samford University, 800 Lakeshore Drive, Birmingham, Alabama 35229.  
 For all other campus telephone numbers, call (205) 726-2011.

## Admissions

Office of Admission  
 Samford Hall, First Floor  
 1-800-888-7218 (toll-free)  
 (205) SAMFORD [726-3673]

## Arts, School of the

Dean's Office  
 Buchanan Hall, Room 210  
 (205) 726-2778

## Arts and Sciences, Howard College of

Dean's Office  
 Brooks Hall, Room 128  
 (205) 726-2771

## Associate Provost

Samford Hall, Room 215  
 (205) 726-2315

## Athletics

Pete Hanna Center  
 (205) 726-2966

## Bookstores

Main Campus Bookstore  
 Beeson University Center  
 (205) 726-2834

Beeson University Center  
 (205) 726-4105

Beeson Divinity Bookstore  
 (205) 726-2286

## Bursar

Samford Hall, First Floor  
 1-800-888-7214 (toll-free)  
 (205) 726-2816

## Business, Brock School of

Dean's Office  
 Dwight Beeson Hall, Room 326  
 (205) 726-2364

## Calendar and Campus Events

(205) 726-2752

## Campus Safety

Beeson University Center, Room 202  
 (205) 726-2020

## Career Development

Beeson University Center, Room 205  
 (205) 726-2980

## Computer Services

Personal Technology Support  
 (205) 726-2662

## Concert Hall Box Office

(205) 726-2462

## Divinity, Beeson School of

Admissions  
 Divinity Hall, Room S114  
 1-877-575-0595 (toll-free)  
 (205) 726-2066

## Education and Professional Studies, Orlean Bullard Beeson School of

Dean's Office  
 Orlean Bullard Beeson Hall, Room 207  
 (205) 726-2745

## Extension Division, Beeson School of Divinity

(205) 726-2731

## Financial Aid

Office of Financial Aid  
 Samford Hall, First Floor  
 1-800-888-7245 (toll-free)  
 (205) 726-2905

## Global Center

Beeson School of Divinity  
 (205) 726-2170

## Housing, On-Campus

Residence Life  
 Beeson University Center, Room 106  
 (205) 726-2956

## HUB

(205) 726-2407

## Human Resources

Samford Hall, Room 302  
 (205) 726-2809  
 (205) 726-2103 (Jobline)

## International Studies

Brooks Hall, Room 125  
 (205) 726-2239

## Language Study Abroad Programs

Chapman Hall, Room 112B  
 (205) 726-2747

## Law, Cumberland School of

Admissions Office  
 Robinson Hall, Room 132  
 1-800-888-7213 (toll-free)  
 (205) 726-2702

## Libraries

Samford University Library  
 (205) 726-2748  
 (205) 726-4015 (Hours)

Beeson Law Library  
 (205) 726-2714

## London Programs

Brooks Hall, Room 130  
 (205) 726-2741

## Metro Programs

Executive Director's Office  
 Dwight Beeson Hall, Room 101  
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## Nursing, Ida V. Moffett School of

Dean's Office  
 Center for the Healing Arts, Room 304  
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## Pharmacy, McWhorter School of

Dean's Office  
 Ingalls Hall, Room 116  
 (205) 726-2820

## President

Samford Hall, Room 201  
 (205) 726-2727

## Provost

Samford Hall, Room 217  
 (205) 726-2718

## ROTC

Air Force (205) 726-2859  
 Army (205) 934-7215 @ UAB

## Samford After Sundown

(205) 726-2798

## Student Affairs

Dean's Office  
 Beeson University Center, Room 114  
 (205) 726-2736

## Student Health Services

Pittman Hall, Lower Level  
 (205) 726-2835

## Student Involvement, Office of

Beeson University Center, Room 116  
 (205) 726-2345

## Student Ministries

Burns Hall, Room 207  
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## Student Records

Samford Hall, Second Floor  
 1-877-726-2911 (toll-free)  
 (205) 726-2911

## Technology Services

(205) 726-2886

## Telephone Services

(205) 726-2996

## Theatre Box Office

(205) 726-2853

## Transcript Requests

(205) 726-2911

## University Relations

1-877-782-5867 (toll-free)

## Wright Concert Hall

(205) 726-2615

**NOTE: While this file includes bookmarks to aid in navigation, it is not linked to any other PDFs.**

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