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Birmingham-Southern College

2010-2011 CATALOG



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All information in this catalog pertains to the 2010-2011 academic year and is correct to the extent that the information was available during its preparation. However, Birmingham-Southern College reserves the right to change course offerings, tuition, fees, rules governing admission, requirements for graduation and the granting of degrees, and any other regulations affecting its students. Such changes are to take effect whenever the administration deems it necessary, whether or not there is actual notice to individual students. Given budgetary considerations and the decision to publish this catalog every year, the College chooses to tell students about interpretations or policy changes as they occur from time to time. Such information is made available through student publications or other means.

Each student is responsible for fulfilling the degree requirements in effect during his or her first year of enrollment at the College or under the requirements of any one catalog in effect during the period of his or her enrollment. The requirements specified by a student's catalog of entry are applicable for a maximum of seven years. After that time, a student is responsible for fulfilling any other requirements in force.

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CORRESPONDENCE DIRECTORY

Administrative Affairs and General Matters
 Concerning the College The President

Academic Information The Provost

Academic Records and Transcripts The Dean of Records

Admission Information for
 Prospective Students The Dean of Enrollment Management

Financial Aid The Director of Financial Aid

Financial Matters The Vice President for Finance

Gifts and Bequests The President or The Vice President for
 Institutional Advancement

Student Life Information The Vice President for Student Affairs

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Birmingham, Alabama 35254

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Birmingham-Southern College Web Site:

<http://www.bsc.edu>

Birmingham-Southern College is an equal opportunity educational institution and, as such, does not unlawfully discriminate on the basis of race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), sexual orientation, marital status, age, national origin, physical or mental disability, veteran's status, or any other consideration made unlawful by federal, state, or local law. Birmingham-Southern complies with Title IX of the Educational Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Family Educational Rights and Privacy Act of 1974.

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INTRODUCTION

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MISSION OF THE COLLEGE

Birmingham-Southern College provides a liberal arts education of distinctive quality. The College challenges students to think independently, to examine the arts and sciences aesthetically and critically, and to communicate clearly. It fosters the advancement of scholarship, personal and resourceful learning, and comprehensive advising.

The total educational experience at Birmingham-Southern College focuses on individual students and their intellectual and ethical development, and offers opportunities for spiritual and physical wellbeing. The academic program challenges students to understand a range of disciplines and requires the indepth study of one. The College is distinguished by a dedicated faculty, undergraduate scholarship and research, interim term, leadership studies and service-learning, crosscultural opportunities, on and offcampus mentor relationships, and by graduate education within a liberal arts context.

Birmingham-Southern College operates under the auspices of the Alabama-West Florida and North Alabama Conferences of the United Methodist Church, with its most responsible service to the Church being to perform its educational mission with distinction.

HISTORY OF THE COLLEGE

Birmingham-Southern College is the result of a merger of Southern University, founded in Greensboro, Alabama, in 1856, with Birmingham College, opened in 1898 in Birmingham, Alabama. These two institutions were consolidated on May 30, 1918, under the name of Birmingham-Southern College.

In 1824, the General Conference of the Methodist Episcopal Church recommended that each conference establish a seminary of learning under its regulation and patronage. Not until 1854 did the Alabama Conference undertake to carry out this recommendation of the superior body. In that year, a committee was appointed to select a site for the proposed college and to procure funds for its establishment and maintenance. The charter was granted by the State of Alabama on January 25, 1856, and the first meeting of the Board of Trustees was held on March 17, 1856; January 25 is therefore known as Charter Day for the College, and March 17 has been designated as Founder's Day.

After the State was divided into two Methodist conferences, the North Alabama Conference, in 1883, joined with the Alabama Conference in the support of Southern University.

At the session of the North Alabama Conference held at Tuscaloosa in November 1896, work was begun toward establishing a college within the bounds of this conference. In the fall of 1897, the foundation for the first building was laid in Birmingham. In April 1898, a president was elected and a faculty was chosen and organized. The Conference then surrendered its interest in Southern University and, in September 1898, the North Alabama Conference College (later named Birmingham College) opened its doors to students.

For twenty years the two colleges were maintained by the Methodists of Alabama. Finally, on May 30, 1918, through their appointed commissioners, the two conferences consolidated these institutions under the name of Birmingham-Southern College. With no loss of time from the regular work at either place, the consolidation was effected, and the new institution opened its doors in Birmingham on September 11, 1918. Since that time, Birmingham-Southern College has grown rapidly and is now a fully accredited institution in every way.

Birmingham-Southern has consistently sought academic distinction. In 1937, its standards were recognized by the nation's leading academic honor society, Phi Beta Kappa, which granted the College a charter to establish Alabama Beta.

ACCREDITATION AND MEMBERSHIPS

Birmingham-Southern College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, Georgia 30033-4097; Telephone number 404-679-4501) to award bachelor's degrees and master's degrees. In addition, the College is on the list of institutions approved by the following organizations:

- AACSB International
- Alabama State Department of Education
- American Chemical Society
- National Association of Schools of Music
- National Council for Accreditation of Teacher Education
- University Senate of the United Methodist Church

Listed below is a selection of organizations in which the College holds membership:

- Alabama Independent Colleges and Universities
- American Association of Colleges for Teacher Education
- American Council on Education
- Annapolis Group
- Association of American Colleges and Universities
- Association of Governing Boards of Universities and Colleges
- Council for Advancement and Support of Education
- Council for Higher Education Accreditation
- Council of Independent Colleges
- Council on Undergraduate Research
- Higher Education Data Sharing Consortium
- International Association of Methodist Related Schools, Colleges, and Universities
- National Association of Independent Colleges and Universities
- National Association of Schools and Colleges of the United Methodist Church
- National Collegiate Athletic Association
- Southern Association of Colleges and Schools
- Southern University Conference

CONSORTIAL ASSOCIATIONS

Birmingham-Southern College is a member of Associated Colleges of the South, a consortium of nationally-ranked liberal arts institutions. Other members of the consortium are Centenary College, Centre College, Davidson College, Furman University, Hendrix College, Millsaps College, Morehouse College, Rhodes College, Rollins College, Southwestern University, Spelman College, Trinity University, University of the South, University of Richmond, and Washington and Lee University.

Locally, Birmingham-Southern is a member of the Birmingham Area Consortium for Higher Education (BACHE). Other members are Miles College, Samford University, the University of Alabama at Birmingham, and the University of Montevallo.

PHILOSOPHY OF EDUCATION

A Liberal Arts Curriculum

We believe the best educational experiences we can provide for you are those that allow you to develop skills that will serve you throughout a lifetime of learning. Consequently, we offer a curriculum founded upon a rich and acknowledged liberal arts tradition. We offer five bachelor degree programs, each with a common foundation of general education requirements designed to support the educational goals of the College.

You may choose to major in any of the recognized disciplinary or inter-disciplinary areas or, in consultation with a faculty committee, you may design your own major to aid in any specific academic interest or goal you might have. This option for allowing students to participate in designing their own academic programs is one that we believe not only encourages enthusiasm and responsibility but also adds to the intellectual vitality of the College. We also provide for tutorials and independent study in which you may pursue a topic of special interest in close cooperation with a faculty member.

There is historically recognized a common body of knowledge and skills possessed by well-educated people. Our degree requirements are framed with that body of knowledge and skills in mind, and our courses are intended to foster and preserve it. At the same time, we work hard to keep our programs flexible, our courses up-to-date, and our outlook toward education innovative. Therefore, three other types of learning experience are available: practicums and internships in off-campus and non-traditional settings, international experiences, and interim term projects.

The College operates on a four-one-four academic calendar, which means that students enroll in four courses in the fall, one in the winter, and four in the spring. The interim term each January offers students an opportunity for intense investigation of a particular subject for a period of approximately four weeks. It may be a project proposed by a faculty member or one designed personally by you and a faculty sponsor; it may be held on campus or anywhere off campus, domestic or foreign; it may be an overall introduction to a subject area or a specialized interest investigated in depth. Whatever the project you choose, interim term is a time intended to provide you with a unique opportunity for creative, experiential, and independent study.

Personal Attention

Our obligation as a liberal arts college is to help you develop your capacity to make and communicate responsible decisions based on information accurately gathered and astutely analyzed. Guiding you to that end, the faculty will direct you in developing your skills in reading, writing, and speaking; in understanding the methods and principles of the sciences and their significance in the modern world; in cultivating appreciation of the arts; in understanding and appreciating our spiritual, social, political, and economic institutions and heritage; and in achieving competence in at least one field of knowledge that will help prepare you for a profession or vocation.

Our faculty comprises a talented and well-qualified group of men and women who recognize effective teaching as their primary obligation to the College. In class they present knowledgeable, up-to-date material pertinent to their disciplines and strive to engage students with that material. Out of class they make themselves available for student inquiries, individual instruction, and directed research. We believe personal

attention to your individual academic concerns and needs is an essential factor in the effectiveness of our teaching and in the continuance of a healthy, inquisitive, intellectual environment.

While the faculty in general will be concerned with your scholastic progress, you will be assigned one faculty member in particular to be your advisor. This person will work with you in planning your course schedules and in evaluating your progress toward your degree.

Because of its size, Birmingham-Southern enjoys a small faculty-student ratio. That, combined with a genuine concern on the part of the faculty for the total–intellectual and personal–welfare of our students, creates an atmosphere in which many advisor-advisee relationships become ones of friendly understanding and mutual respect. Especially during your first year we encourage you to consult freely and frequently with your advisor in adapting to all aspects of campus life.

Academic Resource Center

In addition to academic support from faculty, the College supports you through the Academic Resource Center (ARC). ARC provides academic support services to students, faculty, and staff at the College and has a cross-curricular emphasis, providing services that complement one another and share in the goal of advancing student academic success and faculty and staff development. Through the Writing Center, Speech Center, Tech Center, Data Analysis Center, the Center for Critical Thinking, and in conjunction with the library, ARC offers training, tutoring, and general assistance in a wide range of concepts, skills, and practices relevant to academic achievement, with a special emphasis on information fluency.

Special Counseling

The College also provides a Counseling and Health Services Center staffed and equipped to give assistance in a variety of areas including personal counseling, testing of aptitudes and vocational interests, and career counseling. Additionally, the College provides pre-professional guidance through special advisors in the arts, behavioral and social sciences, church-related vocations, economics and business administration, education, health careers, and law.

Student Government

The Student Government Association of Birmingham-Southern College, chartered to operate under a constitution developed by students, faculty, and administrators and approved by the Board of Trustees, is to a large measure responsible for the self-governance of the student body. The SGA strives to create and to maintain a well-balanced intellectual, educational, and social program for all students.

Honor Code

One of the SGA's most significant responsibilities is the selection of the Honor Council, which handles any cases involving students who are accused of violating the Honor Code. If it determines that a student has violated the Honor Code, the Council imposes appropriate penalties. This process serves as an important force in maintaining the academic integrity of the entire college community. Through this system of self-governance, students play an integral role in providing a campus atmosphere in which each may develop intellectually and socially with maturity and a sense of self-esteem. Since high standards of conduct

are essential for the well-being of the total community, and since violations could result in penalties ranging from reprimand to dismissal from the College, the Honor Code is fully explained during orientation. Students are also provided with a copy of the *Student Handbook*, which details the provisions of the Honor Code as well as social regulations and policies.

A Closing Message

One final point of information we would like to provide concerns finances. Birmingham-Southern's annual tuition and fees remain below the national average and significantly below the tuition and fees of most comparable private colleges in the South. Furthermore, to help you meet these expenses we offer more than twenty-one million dollars in financial aid for eligible students from all sources. During recent academic years, more than ninety percent of our students received some form of financial aid from either institutional, outside, federal, or state sources. Aid is also available through the Alabama Student Grant Program for Alabamians enrolled in in-state private colleges.

At Birmingham-Southern we take pride in our tradition of providing a high-quality liberal arts education; we are pleased with our continued ability to take a flexible approach to maintaining proven educational goals and standards; and we value mutual respect among all segments of our college population. Now that you have an idea of who we are and what we represent, we hope you will read further in our catalog and consider carefully our degree requirements, curriculum, and co-curricular activities. We hope you will choose to be an active member of our community.

Mark S. Schantz
Interim President
Birmingham-Southern College



ACADEMIC
POLICY

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GENERAL INFORMATION

Academic Calendar

The academic calendar is divided into two terms, a fall term of 14 weeks beginning in late August and concluding with the Christmas holidays, and a spring term of 14 weeks beginning in early February and concluding near the end of May. The month of January is an interim term during which students engage in an academic project under the supervision of a faculty member. There is also a summer term for a variety of academic programs on campus, including regular coursework.

Faculty Advisors

Comprehensive advising is an integral part of the academic program at Birmingham-Southern College. We aim to provide students with the resources and skills that will enable them to achieve full potential in and out of college. Each student has a faculty advisor who assists him or her with academic matters, with the consideration and setting of goals, and with learning to make decisions. The faculty advisor also serves as a resource person for the numerous services (such as career and personal counseling) and programs that are available to aid in the student's academic, career, and personal development. The student and the faculty advisor have a shared responsibility in the advising process. Ultimately, it is the student's responsibility to know the requirements for graduation.

Students opting to participate in the four-year graduation guarantee should meet with their advisors prior to making any schedule changes. Failure to consult with the faculty advisor prior to adding or dropping courses will lead to the four-year graduation guarantee becoming void.

Students are encouraged to remain with their initial advisor for at least one year. They may be reassigned at any time, however, at their own request, at their advisor's request, or at the discretion of the Provost. Change-of-advisor forms are available in all of the academic offices, or online at the Records Office website.

Classification of Students

Students who are candidates for a bachelor's degree are classified as follows: *first-year students*, if they have completed fewer than eight units (regular units, excluding interim units); *sophomores*, if they have completed at least eight but fewer than 16 units; *juniors*, if they have completed at least 16 but fewer than 24 units; and *seniors*, if they have completed at least 24 units but have not completed all degree requirements. Transient students and special students are classified as "not candidate for degree" students.

COURSEWORK

Academic Load

During the fall and spring terms, a full-time student's normal load is four full-unit courses or the equivalent, with a minimum of three units. During the summer term, the normal full-time load is two full-unit courses. During the interim term, the normal full-time load is a project credited as one full-unit course.

Academic Overload

If a student has attained a minimum grade point average of 3.00 and obtained the written permission of the student's academic advisor and the advisor's department chair, then the student may enroll in a maximum of five units during the fall and spring terms, and a maximum of three units during the summer term. There is an additional charge for any extra units beyond the maximum. During the fall and spring terms, a student may register for an additional half-unit beyond normal load without the written permission of his or her academic advisor. No overload is permitted during the interim term.

Registration

A student who was not enrolled in the College during the previous term is expected to register on the specified registration day for the fall, interim, spring, or summer term. After the end of the second week of classes, no student may register for credit.

Near the end of each term, currently enrolled students register for the following term. Students register for the summer and fall sessions during the spring term prior to those terms; students register for the interim and spring terms during the fall term prior to those terms. Students are required to confirm their registration on the confirmation date for that term. Any student who fails to confirm may be dropped from the courses for which he or she registered.

A student who contracts an interim project or an individualized study must obtain his or her advisor's approval of the project; obtain approval of the faculty member who is to direct the project and that faculty member's department chair; and submit the contract form to the Center for Interim and Contract Learning.

Audited Courses

With the approval of his or her faculty advisor and the instructor teaching the course, a student may audit a course instead of taking it for credit. Such a student is expected to attend class regularly and meet any other conditions set by the instructor. If the student does not meet these conditions, the course will not be entered on his or her transcript. A fee of \$425 is charged per audited unit.

Non-Graded Courses

College or university coursework applied toward general education requirements or major or minor requirements must be graded. Under certain circumstances, students may elect to have other coursework evaluated as satisfactory or unsatisfactory ("S" or "U") in lieu of receiving letter grades. The letter grade equivalent of "S" is "C" or above. All credits evaluated as "S" count in the total required for graduation, but

both "S" and "U" evaluations are disregarded in any computation of quality points. All elections outlined below must be exercised by the current deadline for adding a course. Once such an election has been made, it may not be reversed.

The first-year, sophomore, and junior interim projects may be evaluated as "S" or "U" at the mutual election of the student and project supervisor. Senior interim projects in the major, however, must receive a letter grade.

Students who have accumulated at least 16 units of credit in residence at Birmingham-Southern College may elect to receive evaluations of "S" or "U" at the rate of no more than two per year in the projects and courses listed below. Transfer students may elect to receive evaluations of "S" or "U" at the same rate after earning a total of 16 units of college credit, eight of which must have been earned at Birmingham-Southern College.

(1) At the election of the individual student, free elective courses, defined as those that are not applied in satisfaction of general education requirements or the major or minor requirements may be evaluated as "S" or "U."

(2) Unless a discipline specifies otherwise, all off-campus projects shall be evaluated as "S" or "U."

(3) Teaching Experiences (courses numbered 298, 398, 498) may be evaluated with a letter grade or as "S" or "U" at the discretion of the instructor.

No more than six units earned at Birmingham-Southern College, including interim term units, may be evaluated as "S" or "U."

Adding and Dropping Courses

A student who has registered for any term may add or drop courses on the confirmation date for that term without an additional fee. A fee of \$20 is charged for each change after two weeks from the first day of class for a regular term (fall, spring) unless the change is requested by the College.

To add or drop a course or to select grading options, a student must present to the Records Office a change-of-course form. After the first week of classes, a student must obtain the instructor's signature to add a course. From the beginning of any regular term up until the end of the second week of classes, a student may drop a course or elect the "S"/"U" or "audit" options. After the fourth week of classes and up until the end of the seventh week of classes, if a student drops a course, he or she will receive a grade of "W."

If a student drops a course after the end of the seventh week of classes, he or she will receive a grade of "F" or "U" unless special permission for a "WP" or "WF" is granted by the Provost. Such permission will be granted only in the most exceptional circumstances (e.g., medical), and only before the last day of classes in the term. Should such permission be granted, the student must drop *all* courses he or she has been enrolled in during the term.

The Veteran's Administration considers it unsatisfactory progress for a veteran or a person eligible for veteran's benefits to withdraw from a course after mid-term.

During the interim term, a student may not add a project, or drop a project without a grade of "W," after the third day of the term. After the ninth day of the term, a student who drops a project will receive an "F" or "U" unless he or she receives special permission from the Provost as stipulated above. These restrictions apply equally to corporate and independent study projects.

Students should consult the academic calendar for specific dates regarding the deadlines discussed above.

Class Attendance

The College expects regular class attendance in all courses. Faculty members may establish such attendance requirements as they deem academically sound. Veterans must attend classes regularly to remain eligible for V. A. benefits. A student who misses two successive classes of any course because of illness should notify the Office of Health Services, which will relay such information to members of the faculty. Health Services does not provide excuses for class absences. Faculty or staff members in charge of activities that require students to miss classes should provide faculty and the Office of Student Affairs the names of student participants in the activity. Nevertheless, it is the responsibility of each student to consult with his or her instructor and to make up all work missed because of class absences.

No student is authorized to attend a class or to receive credit unless properly registered for the course and unless his or her account with the Controller's Office has been settled.

Observance of Religious Holidays

Birmingham-Southern College is committed to the spiritual development of a diverse student body. The College makes every reasonable effort to allow students to observe religious holidays of obligation without academic penalty. Holidays of obligation are those holidays during which the observant person, according to religious practice, cannot work. Within the first fifteen days of the term, students should review course syllabi for potential religious conflicts, notify professors of potential conflicts, and make arrangements concerning missed work. Any questions or concerns can be addressed to the Provost or Chaplain of the College.

Academic Accommodation

A student may request academic accommodation for a learning disability or challenge by submitting a "Request for Academic Accommodation" form along with appropriate documentation from a certified professional in the field of learning disabilities. The Personal Counselor/Accommodations Coordinator reviews the materials and passes along relevant information to the student's advisor and each instructor at the beginning of each term. The student is responsible for discussing his or her needs with each instructor at the beginning of each term. Birmingham-Southern will make accommodations, within reason, to aid in a student's academic success, but general education requirements will not be waived.

Mid-term Assessments

Six weeks into each fall and spring term, faculty members assess the progress of the students in their classes. First-year students receive mid-term assessments regardless of their level of performance. Sophomore, junior, and senior students receive mid-term assessments at the discretion of their instructor,

particularly when their performance in a class at mid-term is the equivalent of a "C-" or lower. All students who receive mid-term assessments are expected to consult personally with their advisor and, if appropriate, with their professor in order to discuss particular problems and possible solutions. Mid-term assessments are available on TheSIS. First-year students should meet with their advisors about their mid-term assessments.

Final Examinations

Students are expected to take final examinations at regularly scheduled times. If a student is unable to attend a scheduled examination because of illness or other serious cause, he or she will be permitted to take a delayed examination if an acceptable excuse is presented to the instructor of the course. When possible, the instructor's permission to take a delayed examination should be obtained prior to the time scheduled for the examination. Students should not expect to take an exam early unless faced with exceptional circumstances. It is the responsibility of the student to contact the course instructor to make arrangements for taking any examination outside of the regularly scheduled time.

Graduating seniors may be exempted from final examinations if they have at least a 3.00 cumulative grade point average, at least a "B" in the course in question, and if the course professor approves. Near the end of each term, the Records Office will send faculty a list of graduating seniors who have at least a 3.00 cumulative grade point average.

Kathleen Greer Rossmann
Interim Provost
Birmingham-Southern College



GRADING SYSTEM

Definition of Grades

The system of grading, indicating the relative proficiency a student attains in various courses, is as follows:

A—distinctive	D—lowest passing grade
B—very good	F—failure
C—satisfactory	
S—satisfactory (“C” or above)	AP—advanced placement
U—unsatisfactory (“C” or below)	IB—international baccalaureate

A student who receives a grade of “F” or a “U” in any course will receive no credit for that course and is not eligible for reexamination in it.

The following additional notations may be made on a student’s grade report or transcript:

N	—	no grade reported
O	—	credit omitted until completion of course extending beyond one term
W	—	withdrawal without grade
WP	—	withdrawal with a grade of “D” or above (assigned for a medical withdrawal when a student withdraws from all courses after the end of the seventh week of classes)
WF	—	withdrawal with a grade of “F” (assigned for a medical withdrawal when a student withdraws from all courses after the seventh week of classes)
X	—	incomplete laboratory or other assignments postponed with permission of the instructor
Y	—	absent from final examination
Z	—	audit

Quality Points

For a full-unit course carried throughout a term, the following quality points are awarded for grades:

A	=	4.00	B-	=	2.67	D+	=	1.33
A-	=	3.67	C+	=	2.33	D	=	1.00
B+	=	3.33	C	=	2.00	F	=	0.00
B	=	3.00	C-	=	1.67			

Satisfactory (“S”), unsatisfactory (“U”), advanced placement (“AP”), and international baccalaureate (“IB”) evaluations are disregarded in any computation of quality points.

Quality points earned in fractional unit courses are that fraction of those awarded for a corresponding grade in a full unit course. Equivalent credit in semester hours and the corresponding quality points on a semester hour system may be obtained by multiplying the course unit of credit by four and also by multiplying the quality points earned by four. Equivalent credit in quarter hours may be obtained by multiplying the course unit of credit and also the number of quality points earned by six.

Incomplete Grades

If because of illness, emergency, military service, or reasonable cause a student cannot complete work for a course, the student may request in writing that the instructor assign an incomplete grade for the course ("X," "Y," "O," or "N"). If the instructor approves the request, the student must complete the coursework prior to the last day of classes of the subsequent regular term, or a grade of "F" will be recorded for the course. An incomplete grade cannot be continued after the subsequent regular term unless special arrangements have been made with the instructor and the appropriate department chair. Even with the approval of the instructor, the incomplete grade may not continue for more than three regular terms (excluding interim and summer), after which time a permanent grade of "F" will be recorded for the course. A student cannot graduate with an incomplete grade on his or her transcript.

Waiver of Grades

Students who have been absent from college for a period of five or more years may, upon admission or readmission, choose to have all prior grades and credits removed from computation of their total credits and their grade point average. This grade waiver option must be requested upon admission or readmission, and it may not be repeated.

All requests for waiver of grades exercised under the option described above are supervised by the College Admissions Committee. This committee reserves the right to request appropriate academic information and to interview candidates for admission or readmission to help ascertain their ability and determination to succeed in their academic work.

Students who have been absent from college for a period of three or more years may, upon admission or readmission, choose to have certain grades and credits removed from computation of their total credits and their grade point average. For each sequential set of three units that have a grade point average of 2.50 or better earned at the College, up to two units of grades and credits in which grades of "D" or "F" were earned may be removed. A maximum of four units or credits may be removed under this grade waiver option. All requests for waiver of grades under the option described in this paragraph are supervised by the Provost.

Courses Repeated and Redeemed

Any course repeated is done with the understanding that the last grade earned will take precedence over all previous grades earned. All work attempted and all grades earned will be shown on the student's transcript. A student who has passed a course with a grade of "C" or higher may only repeat the course on an audit basis. A student who has earned a grade of "C" or below in a course may redeem the course under the following conditions:

- (1) A course may be redeemed only by repeating the same course at Birmingham-Southern College.
- (2) Before a course taken elsewhere may be redeemed, the Dean of Records and the chair of the appropriate department must approve the choice of the course to be taken.
- (3) No credit will be granted for the first time the course was taken, and the first course will be listed on the student's transcript as "redeemed." The grade from the first course will appear on the transcript but will not be used to compute the student's grade point average.

(4) A student may redeem a course a second time, but in such a case both the second and third grade will be used to compute the student's grade point average.

(5) A student receiving a grade of "C-" or below on a 1Y course may redeem the unit from the regular curriculum. The course chosen to redeem the unit must be approved by the faculty member whose 1Y course is being redeemed, the student's advisor, and the chair of the department of the faculty member whose course is being redeemed. In the case of redemption, no credit will be granted for the original course. It will remain listed on the transcript as "redeemed." If redeemed, the grade for the original course will appear on the transcript but will not be used to compute the student's grade point average. The 1Y requirement will be satisfied by virtue of enrollment regardless of the grade earned.

Grade Appeal Policy

Birmingham-Southern College supports the academic freedom of faculty members in assigning students a final grade. If a student believes an error has been made in the calculation or recording of a final grade, he or she should immediately alert the professor. Beyond such errors, formal appeals of **final** grades are granted only when there is **clear and convincing** evidence that the final grade was "arbitrary and capricious, irrational," or "made in bad faith" [Susan M. V. New York Law School, 556 N.E. 2nd 1104, 1107 (1990), 76 N.Y. 2nd 241, 557 N.Y.S. 2nd 297]. Students should understand that an allegation that a final grade was arbitrary and capricious, irrational or made in bad faith is a *serious* charge and should not be made unadvisedly.

If a student wishes to appeal a final grade, he or she must contact the professor no later than 30 days after the beginning of the next regular term. If this consultation fails to resolve the issue, the student may contact the appropriate Department Chair, who will then contact the professor concerned. If the complaint remains unsettled, the student may file a written appeal with the Provost on a form provided by the Office of Academic Affairs. After reviewing the appeal, the Provost, at his or her discretion, may deny the appeal or may request that the Faculty Advisory Committee select a three-person committee from the full-time faculty of the College. Two members of this committee must come from the department involved, and the third will come from outside the department. The committee will determine its own procedures and review the case with the following stipulation: the burden of proof for demonstrating a breach of standards rests with the student.

When the review is complete, the committee will notify the Provost of its decision. The Provost will have the final decision in determining whether a change of grade is necessary. The Provost will inform the student in writing of the decision and send copies of this same letter to the committee, the faculty member, and the appropriate Department Chair.

TRANSFER CREDIT

Coursework at Other Institutions

A student admitted as a transfer may receive credit for courses completed at another accredited institution that are related to courses offered at Birmingham-Southern College. Developmental, orientation, vocational, and correspondence courses are not transferable. A Birmingham-Southern College course equivalent designation (or "000" for nonequivalent courses) is listed on the transcript. Semester hours are divided by four and quarter hours by six to equal unit values.

Regularly enrolled Birmingham-Southern College students may not take courses at other institutions, either in residence or through extension, without the written consent of the Provost. Consent forms are available in the Records Office. Students who have completed more than 16 units may not take courses at a junior or community college, but may, at the discretion of disciplinary faculty and with written consent of the Provost, enroll in courses at other four-year institutions.

Alternative Types of Credit

A student may earn up to 16 units in the alternative methods listed below. A maximum of four units may count toward general education requirements. Additional units may count toward major or minor requirements (at the discretion of the disciplinary faculty) or count as free electives.

Prior Learning Credit

Students may earn prior learning credit in subject areas that accord with the liberal arts goals and programs of the College. A student who wishes to receive such credit should contact the Office of the Provost for application procedures.

Credit by Examination

Students may earn credit by examination in the three areas below.

(1) At the discretion of the disciplinary faculty, a student may earn credit by examination in the subject areas that correspond to courses listed in this catalog. A student who wishes to earn credit in this way should contact a member of the faculty in that discipline.

(2) A student may earn credit through the Advanced Placement (AP) program. AP scores accepted by the College may be applied toward general education requirements (except in English and history) and major or minor requirements. For each AP score accepted, a grade of "AP" is entered on a student's transcript along with the Birmingham-Southern College courses for which he or she is given credit. For a table of AP scores and course credits, see below.

Discipline	Units Accepted	College Credit	AP Score Required	Credited Course
Art	4	—	—	—
(General)	1	1	4 (submitted portfolio)	AR 111 or 112
(Drawing)	1	1	4 (submitted portfolio)	AR 150
(Photography)	1	1	4 (submitted portfolio)	AR 103
(Art History)	1	1	4	ARH 215 or ARH 216
Biology	1	1	4	BI 115
Chemistry	2	2	4	CH 121 & 122
Comparative Politics	1	1	4	PS 238
Computer Science	1	1	4	CS 170
Economics	2	1 (macro) 1 (micro)	4 4	EC 201 EC 202
English*	2	1 (gram) 1 (lit)	5 5	EH 102 EH 200
Environmental Studies	1	1	4	ES 150
French	2	1 (gram) 1 (lit)	4 4	FR 220 FR 280
German	2	1 (gram) 1 (lit)	4 4	GN 220 GN 280
History*	2	1 (Euro) 1 (Amer)	4 4	HI 103 HI 151 or 152
Latin	2	1 (gram) 1 (lit)	4 4	LA 201 LA 245
Mathematics	2	1 2	4 (AB) 4 (BC)	MA 231 MA 231 & 232

Discipline	Units Accepted	College Credit	AP Score Required	Credited Course
Music Literature	1	1	3	MU 121
		1	4	MU 123
Music Theory	1	1	4	MU 150
Physics	2	1	5 (C-M)	PH 121
		1	5 (C-E&M)	PH 122
Political Science	1	1	4	PS 101
Psychology	1	1	4	PY 101
Spanish	2	1 (gram)	4	SN 220
		1 (lit)	4	SN 280
Statistics	1	1	4	MA 207

**elective credit only*

(3) A student may earn credit through the International Baccalaureate (IB) Program. IB scores accepted by the College may be applied toward general education requirements (except English, history, and economics) and major or minor requirements. For each IB score accepted, a grade of "IB" is entered on a student's transcript along with the Birmingham-Southern College course(s) for which he or she is given credit. For a table of IB scores and course credits, see below. (All scores are for the higher level exams unless otherwise noted.)

Discipline	Units Accepted	College Credit	IB Score Required	Credited Course
Art		Credit considered on an individual basis		
Biology	1	1	6	BI 115
Chemistry	2	2	6	CH 121 & 122
Computer Science	2	1	5	CS 170
		2	6	CS 170 & 250
Economics*	1	1	6	EC 201
English*	2	1	6	EH 102
		1	6	EH 200
French	1	1 (standard)	5	FR 220
	1	1 (higher)	5	FR 280

Discipline	Units Accepted	College Credit	IB Score Required	Credited Course
German	1	1 (standard)	5	GN 220
	1	1 (higher)	5	GN 280
History*	1	1	6	HI 151 or 152
Mathematics	1	1 (higher or advanced standard)	6	MA 231
Music Literature		Credit considered on an individual basis		
Philosophy	1	1	6	PL 201
Physics	2	2	6	PH 121 & 122
Spanish	1	1 (standard)	5	SN 220
	1	1 (higher)	5	SN 280
Theatre	1	1	5	ThA 100

**elective credit only*

ACADEMIC PROGRESS

Normal Academic Progress

Students are expected to make consistent progress toward a degree. Full-time students must complete graduation requirements within five calendar years, half time students within ten years. Satisfactory progress on units attempted is measured in increments as outlined below.

Full Time

1st Year	5 units
2nd Year	12 units
3rd Year	20 units
4th Year	28 units
5th Year	36 units

Half Time

1st Year	3 units	6th Year	20 units
2nd Year	6 units	7th Year	24 units
3rd Year	9 units	8th Year	28 units
4th Year	12 units	9th Year	32 units
5th Year	16 units	10th Year	36 units

Transfer students and students who change majors or elect to pursue a second major will be allowed 150% of the time stipulated above for completing degree requirements.

Satisfactory progress is also measured by grade point average. The minimum acceptable grade point average at the end of the first year is 1.50. At the end of the sophomore year it is 1.80. At the end of the junior year and thereafter it is 2.00.

Although students normally take four years to graduate from Birmingham-Southern, it is possible for some to complete their requirements sooner by taking overloads during regular terms, by taking summer courses, by participating in the cooperative course exchange program, and by using International Baccalaureate credit, Advanced Placement credit, and transfer credit. Students wishing to obtain a degree in less than the normal time should work closely with their advisors to plan their course schedules carefully.

Four-Year Graduation Guarantee

Because of the strength of the College's academic advising and the careful planning of annual course offerings, students are guaranteed to graduate within four years if they satisfy additional guidelines. If the College fails to offer courses required for a specific major or an academic advising error leads to the necessity for an additional course or courses in the fifth year, the College will cover the cost of tuition plus any course fees for the necessary courses. Students who do not satisfy these specific requirements can also graduate within four years, but are not guaranteed to do so. The guidelines below apply only to the guarantee and not to any specific graduation requirements listed elsewhere in this catalog.

To qualify for this guarantee, students must meet the following guidelines:

- (1) Complete four consecutive academic years at the College. While the College encourages all students to study abroad, not all study abroad opportunities provide the coursework necessary to satisfy all requirements within four years. As a result, students considering study abroad must consult with the Office of the Provost to determine if the four-year graduation guarantee will remain in force.
- (2) Meet with their assigned academic advisor at least once each term, and follow their academic advisor's recommendations. To ensure that students meet the requirements for the four-year graduation guarantee, students must consult with their academic advisors before making any schedule changes. Failure to discuss schedule changes, such as those made during the drop/add period at the start of each term, voids the four-year graduation guarantee.
- (3) Pursue a single major and declare that major according to the timetable below. While it is possible to complete some majors in less time, the College cannot guarantee the completion of all academic requirements in four years unless students declare the major by the term listed. Similarly, if a student changes the major once declared, the guarantee will no longer remain in force.

The following majors must be declared at the beginning of the first year: art (all studio art majors), biology-psychology, chemistry, education, music (all majors and degree programs), music education, and musical-theatre.

The following majors must be declared by the end of the first year: art history, biology, business administration, economics, English, English-theatre arts, history, international studies, mathematics, philosophy, philosophy-politics-economics, physics, political science, psychology, religion, religion-education, religion-philosophy, sociology, sociology-political science, and sociology-psychology.

The following majors must be declared by the end of the second year: Spanish and theatre arts.

- (4) Complete at least four course units in each regular term and one course unit in each interim term.
- (5) Pass all attempted courses with a grade of "C-" or better, and maintain a grade point average of at least 2.00, both cumulative and in the major.
- (6) Register each term at the first time made available to the student by the Records Office.
- (7) Take courses at regularly scheduled class times, even if scheduled times or courses are not the student's first choice.
- (8) Fulfill all graduation requirements as outlined elsewhere in this catalog.
- (9) Comply with all College standards, regulations, and procedures, from the date of matriculation through the date of final graduation.

Academic Probation

A student will be placed on academic probation for any one of the following reasons:

- (1) Failure to make at least a 1.00 grade point average in any term.
- (2) Failure to meet the academic year grade point requirement for the Birmingham-Southern average and cumulative average.
- (3) Failure to satisfy the Provost of the College that satisfactory progress is being made toward a degree.

During the probationary period, a student may not hold any student office, participate in intercollegiate athletics, or make any public appearances as a representative of the College.

A student remains on probation for at least one term excluding the interim term. To be removed from probation, a student must successfully complete at least three full-unit courses or the equivalent during a regular term, or two full-unit courses during a summer term, and must satisfy the Provost that he or she is making consistent progress toward a degree by meeting the academic year grade point average requirements.

A student who has not been removed from probation after the required time may be allowed to remain in college on probation if, in the judgment of the Provost, the student has made reasonable progress toward attaining the required academic year grade point average. Although the Provost may allow a student to remain in college on probation beyond the required probationary period, a veteran or other eligible person may not receive V. A. educational benefits for more than one term or the equivalent while on probation.

Academic Suspension

A student who is on academic probation will be suspended for academic reasons if at the end of any term the student fails to satisfy the Provost that he or she is making reasonable progress toward a degree. A student on academic suspension is not permitted to engage in an interim term project or to enroll in the College during the regular term or summer term that follows immediately the date of suspension. Courses taken at another institution during academic suspension are not transferable to Birmingham-Southern College.

Academic Dismissal

A student who has been readmitted to the College after academic suspension may be dismissed from the College for academic reasons if he or she continues to fail to make satisfactory progress toward a degree.

Withdrawal from the College

A student who is enrolled during any term may withdraw from the College only with permission of the Provost. A student who discontinues studies without permission of the Provost will receive an "F" in all courses that term.

In order to obtain permission to withdraw, a student should first consult the Office of the Provost and then the Office of Financial Aid. If the student must withdraw for medical reasons, his or her request must be supported by a physician's certificate.

The College reserves the right to require at any time the withdrawal of any student whose conduct or academic standing it regards as undesirable, either for the student's sake or for the College's.

See catalog section Admission to the College under Refunds for information on refund of tuition to which a student may be entitled upon withdrawal.

Student's Leave of Absence

A student may apply for a leave of absence from the College for a specified period of time for purposes related to the educational program of the College or for other reasons approved by the Provost. Students may receive a leave of absence for medical reasons, including pregnancy, as provided by Title IX of The Higher Education Act. If the student does not return to the College after the specified period of the leave, the student must apply for readmission.

Application for Degrees

Formal application for a degree should be filed with the Records Office before the beginning of the term in which the candidate expects to complete degree requirements. Failure to file such application may delay graduation.

A graduation fee of \$140 is charged each applicant for any degree. This fee covers costs of the student's diploma and academic regalia and is added to the bill for the last term of residence. All financial obligations to the College must be discharged prior to graduation.

Commencement

The College holds an annual commencement at the end of each spring term. Students approved to graduate are strongly encouraged to participate. Students who have not completed all graduation requirements by the end of spring term may participate in commencement if they have two or fewer units yet to complete, have five or fewer intellectual and cultural events yet to complete, and have at least a 1.90 overall grade point average.

Students who participate in commencement but have not yet completed graduation requirements will not receive a diploma at commencement, but will be handed a diploma cover only. Their names will be printed in the program. The actual diploma insert will be mailed after the next May commencement following the completion of requirements. The degree-conferred date on the student's final transcript will be the date at the end of the term of completion. All obligations and college duties must be discharged prior to graduation in order to receive a diploma.

ACADEMIC RECORDS

The Right to Privacy

Birmingham-Southern College is in compliance with the policies and procedures regarding the privacy of student records described in the Family Educational Rights and Privacy Act of 1974 (Buckley Amendment). The Dean of Records has the institutional responsibility for interpreting both this Act and the rules and regulations issued by the Department of Education to enforce this Act.

Transcripts

Students or alumni requesting transcripts of their academic records should write the Dean of Records well in advance of the time the transcript is needed. All financial and other obligations and duties must be satisfactorily discharged before a transcript is issued. Each student, alumna, or alumnus is furnished copies of his or her academic record for a charge of \$3, payable in advance. A minimum of ten working days should be allowed for processing transcript requests.

Directory Information

Directory information on a student is usually provided to anyone who requests it, including persons outside the College. This information includes the student's name, address, e-mail address, telephone listing, major field of study, dates of attendance, degrees and awards received, most recent previous educational agency or institution attended, participation in officially recognized activities and sports, and a photograph.

Each student is responsible for keeping the College informed of his or her correct mailing address, both school and home. Any change in address should be updated by the student through the address change function on TheSIS.

A student may withhold his or her directory information by notifying the Dean of Records in writing within ten days of the first day of classes for a particular term. A request to withhold directory information remains in effect as long as the student continues to be enrolled, or until the student files a written request with the Dean of Records to discontinue the withholding. Additional information on college policy can be found on the Birmingham-Southern College website.

ACADEMIC HONORS

Dean's List of Distinguished Students

The Dean's List of Distinguished Students is compiled by the Provost's Office at the end of both the fall and spring terms. It consists of the names of those students who have maintained a grade point average of 3.50 or higher on work attempted during the term. To qualify for the Dean's List, a student must take at least four full units and receive a letter grade of "C" or higher for each of the courses in which he or she has enrolled. No student is eligible for the Dean's List in any term during which he or she has received an incomplete grade ("X," "Y," "O," or "N").

Honors at Graduation

The final, cumulative grade point average is calculated to three decimal places and rounded to the nearest hundredth. Students who during their academic careers establish a grade point average of 3.50 are graduated *cum laude*; those who establish a grade point average of 3.75 are graduated *magna cum laude*; and those with a grade point average of 3.90 are graduated *summa cum laude*.

ACADEMIC AWARDS

The following is a partial list of awards granted at the close of each academic year for outstanding scholarship and achievement. These and other awards and recognitions are presented on Honors Day, in April. At the Honoring Scholarship Conference held in conjunction with Honors Day, students present their scholarly research and musical and artistic works.

The Acton Award is given to a student or students who are deemed to have reached a level of excellence in the field of mathematics.

The Alabama Society of Certified Public Accountants awards scholarships to students who have shown outstanding ability in the field of accounting and who plan to work in Alabama after graduation.

The Alpha Lambda Delta Scholarship Award is awarded each year to an outstanding junior member of Alpha Lambda Delta.

The American Bible Society Award, a GreekEnglish New Testament, is given annually by the American Bible Society to the senior student who has done the most outstanding work in Biblical studies.

The American Institute of Chemists Award is awarded to the outstanding senior chemistry major each year.

The Analytical Division of American Chemical Society awards a subscription to the journal *Analytical Chemistry* to an outstanding junior who displays interest and aptitude for a career in analytical chemistry.

The Bell Teaching Award honors graduates in education earning a teaching certificate who are employed in teaching in the year following graduation. Graduates demonstrate employment through a letter of recommendation submitted by their principal to the education department chair by March 1st of the year following graduation. The awards are presented at Honors Day in the year following graduation.

The Birmingham-Southern College Arts Council Award for Academic and Creative Excellence in Theatre Arts is given to an outstanding senior theatre arts major. The student must have maintained a cumulative grade point average of 3.30 and must have contributed substantially to all areas of production.

Saenger Bible Lands Travel Award is awarded annually to a student preparing for service to others in the ministry of the United Methodist Church. It provides funding for a tour of the Bible Lands.

The Senior Biology Award goes to the senior biology major with the highest overall grade point average.

The Rutherford Ray Black Teacher Education Award is awarded to the most outstanding senior in the Teacher Education Program.

The Louise H. Branscomb Award is given to a rising senior in the Teacher Education Program who demonstrates a commitment to teaching youth and a desire to develop skills toward that end.

The Chemical Rubber Company Award is given to a first-year chemistry student for outstanding achievement.

The College Theatre Award for Theatrical Excellence is presented for excellence in production in the areas of performance and technical theatre.

The Dyson-Wagnon Award is given to a student in the Master of Arts in Public and Private Management program who graduates with the highest grade point average.

The English Award for Achievement in Literary Study honors the senior English major whose study of literature shows unusual industry, achievement, and depth of understanding.

The J. David Fraley Award is presented annually by the faculty of history to a senior history major who has written the most distinguished paper for that year in the departmental senior seminar.

The Paul Franke Memorial Award in Philosophy is given for outstanding work in philosophy.

The John Marshall Gersting Awards in Economics and Business Administration are awarded each year to the graduating economics major and the graduating business administration major with the highest grade point average.

The Robert Hewlin Jackson Achievement Award is given each year to that student in the graduating class who has made a distinguished record in his or her junior and senior years and who has also shown the greatest improvement in academic achievement over the record of his or her first two years.

The Robert Hewlin Jackson Award for Meritorious Scholarship is given each year to that student whose overall academic record in college places him or her at the top of the graduating class.

The Hubbs Award honors a student who best exemplifies the twin principles on which Birmingham-Southern College was founded in 1856: academic excellence and selfless service. Preference is given to juniors, but a sophomore or senior may be chosen.

The William James Psychology Award is presented annually by the psychology faculty to the outstanding senior in psychology.

The Kappa Mu Epsilon Award in Mathematics is awarded each year to a senior member of Kappa Mu Epsilon who has either a major in mathematics or an individualized major involving mathematics. The recipient is selected on the basis of scholarly attainment in mathematics and service to Kappa Mu Epsilon.

The Raymond J. MacMahon Award is given to a senior art major who has demonstrated superior accomplishment both in studio art and in overall academic achievement.

The Richebourg G. McWilliams English Award honors the senior English major whose literary study has shown unusual personal engagement, industry, and intellectual growth.

The J.G.H. Morris Scholarship in Accounting is given to an outstanding student or students in accounting.

The National Alpha Lambda Delta Award is a book presented to the graduating member of Alpha Lambda Delta, a national honor society for first-year students, who has maintained the highest grade point average.

The **J. Stephen Noser Interfraternity Scholarship Award** is given to the fraternity that has maintained the highest academic average during the calendar year.

The **Panhellenic Pledge Scholarship Cup** is awarded annually by Alpha Chi Omega to the sorority pledge group making the highest average during its pledge term.

The **Panhellenic Scholarship Award** recognizes the sorority with the highest active grade point average for the fall term.

The **Ursula Clark Parson Endowed Scholarship** is given by the English faculty to a worthy female student beginning her sophomore year who is concentrating her studies in the field of creative writing. The scholarship provides financial support to the student for three years or until graduation, whichever occurs first.

The **Mary Jean Parson Endowed Scholarship** is an award given to a worthy female student interested in theatre. The scholarship provides financial support to the student for three years or until graduation, whichever occurs first.

The **Phi Alpha Theta Award** of \$100 is given annually to the graduating senior, regardless of major, who has demonstrated excellence in the study of history at Birmingham-Southern College.

The **Phi Eta Sigma Award** goes to the senior member of Phi Eta Sigma who has maintained the highest grade point average during a four-year college career.

The **Phi Eta Sigma Scholarship Award** is a plaque given to the fraternity pledge class with the highest grade point average for the year.

The **Mira Popovich Award in Dance** is awarded annually to a student majoring or minoring in dance on the basis of talent in dance and commitment to the dance program.

The **Presser Music Scholarship Award** is named each year to honor a rising senior music major for outstanding accomplishment.

The **Turnipseed-Ikenberry Scholarship** is awarded to rising juniors or seniors who are majoring in Physics, Mathematics, History, French or German, and who have demonstrated outstanding academic achievement. Selection is made by a faculty committee appointed by the Provost.

The **Wall Street Journal Student Achievement Award** is given to the senior majoring in economics, business administration, or accounting who, in the opinion of the discipline faculty, has the traits needed for a successful career in the business world.

The **Dorothy Ward Scholar** is selected each year by the faculty of modern foreign languages from among the students majoring or minoring in French, German, or Spanish.

HONOR SOCIETIES

Alpha Epsilon Delta recognizes excellence in premedical scholarship.

Alpha Lambda Delta is a scholarship honorary for first-year students.

Beta Beta Beta is an honorary society whose members are biology majors with aboveaverage scholastic records.

Beta Gamma Sigma, the honor society for business programs accredited by AACSB International, recognizes outstanding academic records earned in business programs.

Eta Sigma Phi selects members who distinguish themselves in the study of the classical languages.

Kappa Delta Epsilon, a national education honorary, recognizes outstanding work in the field of education.

Kappa Mu Epsilon recognizes excellence in the field of mathematics.

Mortar Board, an honorary society for senior women and men, recognizes eminence in scholarship, leadership, and service.

Omicron Delta Kappa elects its members from men and women in the junior and senior classes, recognizes leadership in scholarship, athletics, student government, social and religious affairs, publications, music, speech, and dramatic arts.

Order of Omega recognizes fraternity and sorority members who have attained a high standard of leadership. Open to any member of a Birmingham-Southern College fraternity or sorority who is at least a junior or senior, has at least an overall grade point average equivalent to the all-fraternity or all-sorority average, and has held leadership positions on campus.

Phi Alpha Theta, international honor society in history, elects members on the basis of outstanding scholarship achievement in the study of history and the maintenance of a distinguished overall scholastic record.

Phi Beta Kappa, national honorary scholarship fraternity, established the Beta of Alabama Chapter at Birmingham-Southern College in 1937. Election to Phi Beta Kappa is based on scholarly achievement in a broad program of intellectual interest within the context of a liberal education. High grades alone, particularly if earned in a narrowly conceived vocational or preprofessional program, are not sufficient reason for election. Students are elected by the resident members of Phi Beta Kappa after a careful analysis of grades and course distribution.

Candidates for election must be pursuing a liberal arts degree of adequate breadth; candidates for degrees other than Bachelor of Arts or Bachelor of Science are considered only if they have fulfilled the general program for the liberal arts degree. Election is limited to those students who will complete degree requirements by the June following election. At no time may Phi Beta Kappa elect more than ten percent of the graduating class to membership; students with less than a 3.40 grade point average may not be considered for membership, although the criteria for election are somewhat different for transfer students.

Phi Eta Sigma is a national scholarship society for first-year students.

Phi Kappa Gamma unites French-speaking students at the Birmingham Southern College community in an atmosphere which reflects the French culture and language.

Phi Sigma Iota elects its members from students who have distinguished themselves in the study of foreign languages at the advanced level.

Pi Kappa Lambda honors outstanding music majors in their junior or senior years, promotes excellence in individual music performance and scholarship, and promotes activities in the area of music.

Pi Tau Chi recognizes academic accomplishment by students of religion.

Psi Chi seeks to advance the science of psychology and to encourage, stimulate, and maintain scholarship of the individual members of all fields, particularly in psychology.

Sigma Tau Delta recognizes excellence in the field of English literature and writing.

COURSES
OF STUDY

BSC

ACADEMIC AREAS

Kathleen Greer Rossmann, Interim Provost

Behavioral and Social Sciences

Behavioral and Social Sciences includes the disciplines of economics, political science, psychology, and sociology. These disciplines employ scientific methods to develop understanding of human behavior in all of its manifestations. Courses in these disciplines encourage critical and objective thinking about behavioral phenomena. A major in any of the disciplines can prepare students for graduate and professional school as well as for a variety of occupations that benefit from these perspectives. Interdisciplinary majors and minors are clearly defined programs of study that can also be suitable preparation for either employment or further study.

Business and Accounting

In Business and Accounting, liberal arts education is integrated into each field of study. The goal of integrating the liberal arts is accomplished through the pursuit of academic inquiry and the examination of the practical side of business and other organizations. The business faculty are committed to teaching and advising and seek enrichment of and continuous improvement in teaching and advising through professional development and scholarship. The learning environment is designed to meet the needs of undergraduate and graduate students and thus enable them to become broadly educated professionals who are equipped to excel as leaders in academia, private enterprise, public service or civic endeavors.

All of the programs offered have the following missionlinked goals in common:

Teamwork—to work productively with others.

Decision-making—to analyze and synthesize the elements of a situation, generate alternatives, and recommend a course of action.

Critical thinking—to gather, analyze, and synthesize information and to identify misinformation, prejudice, oneness.

Communication skills—to make convincing arguments in both written and oral forms.

Global and cultural awareness—to think outside one's own local contexts.

Professional responsibility—to demonstrate appropriate professional demeanor and ethics.

Independent learning—to organize one's own research and learning.

Interdisciplinary thinking—to integrate the breadth of one's learning.

Disciplinary depth—to gain competence in business administration or economics.

Technology—to gain experience in the use of relevant technology.

Business programs are accredited by AACSB International.

Education

Education offers majors in elementary/collaborative education and educational services, a non-certificated program. Education also offers an interdisciplinary major in Religion-Education and an Environmental Education Concentration in Urban Environmental Studies. Students who fulfill requirements for the elementary/collaborative education program are eligible for Alabama State Department of Education dual certification in Elementary Education and Collaborative Teacher K-6. The collaborative (special education) component is incorporated into all 300- and 400-level courses.

Students seeking certification in secondary education (ten fields, grades 6-12) or the arts (art, or music, grades P-12) are required to meet all requirements for a major in their chosen field as well as additional education courses.

The education faculty selected REAL: Reflective Educators for All Learners as the conceptual framework for the Teacher Education Program (TEP). The REAL conceptual framework incorporates the knowledge, skills, and dispositions associated with effective teaching into the design, content, and field experiences in TEP. The knowledge component includes subject matter, applied research, and scholarship. The skills component focuses on developing information fluency in technology, literacy, and critical thinking. Dispositions include cultivating the philosophy of a reflective practitioner, believing all children can learn, and developing a professional demeanor and commitment to cultural responsibility.

Our education program was first accredited by the National Council for Accreditation of Teacher Education (NCATE) in 1954 and has received continuous accreditation for over fifty years. The Teacher Education Program is also accredited by the Alabama State Department of Education and holds membership in the state and national Association of Colleges for Teacher Education. The State Report card has given the College's Teacher Education Program an "A" grade since the inception of this rating system.

Fine and Performing Arts

The arts are a vital part of the education of students at Birmingham-Southern College, contributing knowledge and experiences considered to be essential for the liberally educated person. Fine and Performing Arts includes the disciplines of art, art history, dance, music, speech, and theatre arts. The curricula are designed not only to meet the needs of students with professional ambitions but also to offer meaningful educational experiences to the general student.

Courses and activities in the arts focus on two related goals. First, faculty strive to encourage individual creativity, increased literacy in one of the arts disciplines, and careful examination of the nature of artistic communication. Studio art courses and both performance and composition courses in theatre arts, dance, and music are the natural settings for addressing these goals. Second, faculty focus on aesthetic value. Students are encouraged to examine their own ideas about quality in the arts and are guided in developing criteria used in judging artistic merit. Ultimately, students learn to cultivate a sensitivity to the arts by engaging carefully formulated critical faculties.

For all students, no matter what their level of involvement, their professional aspirations, or their career ambitions, the arts require mastery of intellectual content and specific mental and physical capabilities. This mastery leads to literacy in the discipline which can, in turn, lead to a lifetime of self-motivated inquiry in

the arts. Students thus find their study of fine and performing arts a rigorous part of their undergraduate curriculum and an enriching experience which will continue to grow long after graduation from the College.

The College also maintains the Conservatory of Fine and Performing Arts, which serves those members of the community who wish to study in the areas of dance, theatre, or music but who are not matriculated students at the College. Conservatory students range in age from preschool through adult.

Humanities

The study of the humanities is at the heart of a liberal arts education for two important reasons. First, it provides a sense of community looking backward to our varied cultural heritage and forward to our future. Second, it hones our critical thinking and communication skills, thus providing the foundation necessary for leadership and service within that community. The humanities teach us to know ourselves: our ethical values and religious heritage, our cultural background, and the poems, plays, and stories of our lives. The humanities also teach us to learn from those we think of as different by asking us to explore other viewpoints and value systems, to experience other people's ceremonies and traditions, and to listen to their stories. In celebrating our differences, we discover what humanity has in common.

Humanities includes the disciplines of classics, English, history, modern foreign languages, philosophy, and religion. A major or minor concentration in any of these areas trains a student to read critically, to think analytically, to develop a sensitivity to other points of view, and to communicate ideas clearly and effectively. Such skills are a prerequisite for graduate and professional study as well as a foundation for success in any career.

Library and Information Services

The Charles Andrew Rush Learning Center / N.E. Miles Library is a center for scholarship on campus. In support of the educational mission and values of Birmingham-Southern College, the Library is committed to serving the intellectual and creative needs of the college community. The Library strives to provide access to high quality information resources, to educate its patrons, and to provide a space that is conducive to study, research and learning.

The facility houses a collection of more than 267,000 volumes selected to support instruction and research at the College. In addition to books and periodicals, the collections include government documents, microfilm and microfiche, audio and video recordings, and electronic databases and resources, such as e-books and e-journals. Special collections house the College archives, Methodist archives, and rare books. The Library is a partial government documents depository. Computer workstations are provided for the use of library patrons, and wireless Internet access is available throughout the building. Facilities for viewing and listening to audiovisual materials are also available, as are copying and printing services. The Library's online catalog, databases, and many other resources may be accessed from anywhere on or off campus via the Internet.

The Library provides a variety of teaching and learning environments. Conference rooms, seminar rooms, research carrels, an auditorium with video and computer projection facilities, an electronic classroom, a learning technology center, and a media center with listening and viewing areas are among the facilities for individual and group study, research, and instruction. The electronic classroom provides a

setting for hands-on instruction using technology and the Internet. The learning technology center offers a space for students and faculty to create electronic presentations using a variety of specialized software and equipment.

Professional librarians provide a variety of reference and information services. They assist students in learning to locate, evaluate, and use information—in any format—and support them in their research. Library orientation and bibliographic instruction classes are taught by the librarians to assist students in developing sound research techniques and information literacy skills. Staff oversee the maintenance and circulation of the collection and ensure the smooth operation of the facility.

The Library is a member of several state, regional, and national library cooperatives and networks, including the Network of Alabama Academic Libraries (NAAL), the Associated Colleges of the South (ACS), and the regional library network LYRASIS. Excellent interlibrary loan service is available to students and faculty. Through an inter-institutional borrowing agreement, students and faculty of the College may use the libraries at other academic institutions in the Birmingham area.

Science and Mathematics

As the twenty-first century unfolds and we inhabit a world where science and technology permeate virtually every facet of life, the disciplines of Science and Mathematics have become central to a modern, high quality liberal arts education. Science and Mathematics includes the disciplines of mathematics, with its abstract beauty and its practical applications; the natural sciences of physics, chemistry, and biology, which strive to understand the natural world; and computer science, which is opening up vast new ways of knowing.

Science and Mathematics seeks to promote scientific, mathematical, and computer literacy, emphasizing the process, content, and interdisciplinary nature of these disciplines; to develop critical thinking skills; to enhance verbal and written communication abilities; to encourage reasoned debate on scientific and technological issues; and to instill civic responsibility. The faculty of science and mathematics pursues these goals in a vital, collaborative learning community of students, faculty, and staff centered on student-active, investigative curricula in the classroom, field, and laboratory. In this active, collaborative learning environment, students have the opportunity to develop their skills and abilities through intensive study, hands-on work, undergraduate research, one-on-one interactions with faculty, group interactions with other students, and outreach activities to local institutions. Graduates in mathematics, the natural sciences, and computer science will have the foundations necessary to be competitive in the twenty-first century, whether in the work force, or in quality graduate and professional programs, including those in the health care fields. Both majors and nonmajors will have the skills to make informed decisions on increasingly complex scientific and technological issues affecting their communities.

Disciplinary majors and minors are offered in biology, chemistry, computer science, mathematics, and physics. Interdisciplinary majors are offered in biology-psychology, computer science-mathematics, and urban environmental studies. An interdisciplinary minor in urban environmental studies is also offered.

GENERAL EDUCATION

General Education Goals

General education at Birmingham-Southern College strives to develop an intellectually liberated community of men and women leading creative, fulfilled, and productive lives based on knowledge, openmindedness, and curiosity.

To lead such lives, students and faculty must participate in an increasingly complex, technological, and changing world by investigating the complexities of the past, understanding the realities of the present, addressing the problems of the future, comprehending and evaluating multiple points of view, examining the arts creatively, practicing the sciences, and communicating articulately.

To participate fully in this community, students should write about, read, discuss, study, and employ the following:

Arts—to develop an understanding and awareness of the creative process, nonverbal artistic communication, and our aural and visual environment;

History—to obtain knowledge of the conditions that have shaped both the past and the present and to become acquainted with historical methods;

Languages—to develop an understanding of other cultures through the study of language, literature, and civilization;

Literature—to learn strategies of critical reading and careful interpretation, develop an understanding of various historical and theoretical approaches to literature, and clearly articulate responses orally and in writing;

Mathematics—to develop an understanding of mathematics as a logical system, use mathematical reasoning to develop analytical thinking abilities, and use mathematics effectively as a tool in other disciplines;

Natural and physical sciences—to obtain a knowledge of fundamental scientific concepts, principles, limitations, and ethical issues and recognize the impact of science on society through investigative classroom, laboratory and library work;

Philosophy and religion—to investigate values systems, understand the personal and social implications of religious and philosophical viewpoints, and understand critically one's religious heritage; and

Social and behavioral sciences—to develop an understanding of individuals, groups, and institutions as revealed by scientific analyses of human behavior.

Integrated Studies

However official college documents may have defined general education, conventionally students and faculty members—even the public at large—have associated general education with a prescribed set of courses taken in fulfillment of requirements for a college degree. At some institutions that set is a series of courses taken by all students in common in an established order—a core set of courses; at others it is a selection from designated choices in a range of categories—distribution requirements. Since 1978, at Birmingham-Southern College it has been, in addition to demonstration of written and mathematical competency, one to two units of credit taken in seven specified areas, each of which models a different intellectual mode of inquiry, such as in metaphysics or ethics, literature or history, aesthetics, or the natural or behavioral sciences, as well as language acquisition. Certainly this conventional perception of general education, whatever the organizational model used, must remain at the center of our view of what experiences are needed in common for a liberally educated student body.

We now recognize, however, that while that “prescribed set of courses” is a necessary component in the definition of general education, it is not sufficient. It neither describes fully what we have actually been doing in the past nor what we must do in the future to assure the prosperity of liberal arts education. The activities and qualities listed below are things we recognize as increasingly important in producing the types of learning and habits of mind necessary for educated people in the twenty-first century, people of knowledge and adaptability, personal initiative and teamwork, inquiry and practice. The aim of Birmingham-Southern College is in no way to limit, much less replace, the traditional notion of general education but rather to expand it to address the expanding set of talents and skills necessary for learned people in an increasingly complex social and technological society.

Similarly, we wish to expand the paradigm of ways in which the goals of general education might be achieved. Never should we underestimate the power of a lecture expertly presented and passionately felt. Never should we minimize the worth of individual study conducted in privacy in the library, studio, or laboratory. Never should we denigrate learning purely for the joy of learning. But by the same token, neither should we underestimate the power of students learning from each other, or minimize energy to be gained from working collaboratively, or denigrate the practical application of things learned speculatively.

Thus, the College acknowledges a new role for faculty and staff in liberal learning in the following areas:

Collaborative Learning—The first part of the expanding paradigm facilitates active and collaborative learning in which the student becomes an active participant in the learning process, interacting with faculty and peers. Examples of collaborative learning include undergraduate research, team exercises in the classroom and the laboratory, or any of an infinite number of adaptations to classroom pedagogy and course design. The College fosters such activities by striving to maintain a 1:12 faculty:student ratio, by retaining a faculty committed to a student-centered learning community, and by offering support for continued faculty development in innovative teaching.

Discovery and Creativity—A liberal education nurtures the love of discovery and creativity. Good teaching in this area encourages the student to appreciate the intrinsic value of discovery and creativity through instruction in the four primary activities involved in the process: preparation, consolidation, insight, and verification. It is important for all students in a liberal arts college, regardless of major, to learn not only to appreciate the acts of creativity and discovery, but to learn to be creative, for it is creativity and discovery that lead to all that we hold dear in a liberal education.

Teaching Experiences—Essential to an institution dedicated to liberal learning is teaching as an example of theory in practice. Effective teaching not only illustrates the application of knowledge; it also raises the teacher's understanding of the subject matter to a higher level, for only when something becomes an integral part of our own understanding can we have the clarity of mind to communicate it to another. Acknowledging the learning component of teaching, then, the College encourages peer teaching activities in and out of the classroom setting and provides various opportunities for students to work with full-time faculty in teaching, as well as research, endeavors.

Scholarship—Equally important to an academic institution is scholarship, whether it be the scholarship of discovery, which encompasses most traditional research; the scholarship of integration, which approaches interdisciplinary questions with the same rigor; the scholarship of application, which applies knowledge and theory to the problems of the world; and the scholarship of teaching, which is as valid as any of the other forms of scholarship, and central to the mission of the College. All of these forms of scholarship are characterized by clear goals, adequate preparation, appropriate methods, significant results, effective communication, and reflective critique. It is important that undergraduate students learn, through both independent and collaborative projects, the importance of scholarship to lifelong learning. To that end, a summer program in undergraduate research is under way, and both oncampus and offcampus opportunities for student presentations of research findings are encouraged. Just as the College supports faculty travel for presentation of papers at professional conferences, it has set aside funds for aiding students in presentation of their research.

Technology as a Partner in Teaching and Research—Technology as a partner in teaching and research is an integral part of any contemporary learning model. Technology can take us beyond the walls of the local College to acclaimed libraries, sophisticated laboratories, and advanced databases around the globe. It can also provide us with 24hour access to class materials and electronic communication, and computer visualization of complex theorems and intellectual models. Recognizing technology's promise, the College has invested heavily in a computer infrastructure that links every venue of the residential and academic community. Looking to technology to serve education in such a way as to preserve the best of the personal mentor/student relationship while expanding the potential for learning and teaching skills useful in an increasingly technological society, the College values technology not for itself, but for how it may be put to the service of teaching and learning as a seamless part of the College curriculum.

Civic Imagination—There seems to be a consensus among those who watch teachers and write about liberal learning that the mission of colleges in the new millennium should include the cultivation of civic imagination. Birmingham-Southern College has developed a model for civic imagination through its pioneering efforts in leadership studies and learning through service. These programs are wonderful examples of the new way of delivering education, for they permeate both the instructional and the student life realms of the campus community. Through both programs, faculty, staff, and students are brought together with the local community in an attempt to better define what the citizen of tomorrow should be.

CrossCultural Experiences—Citizens of tomorrow must understand themselves as a part of a culture, a race, a gender, or a nation. Understanding one's place in an everwidening circle of contexts is one of the most traditional goals of liberal learning and it continues to be so. But citizens must understand those contexts from the perspectives of others, too, if they are to play a vital role in our global culture. Crosscultural experiences through study abroad opportunities, international internships, service-learning and interim projects, and regular term learning have been expanded at the College. These programs have

taken on a new dimension, as an office of crosscultural and international studies has been established to oversee programmatic aspects of this essential area of learning.

Moral Imagination—Tomorrow's citizens will be faced with moral and ethical dilemmas, both those common to the general human experience as well as those created by an everchanging world. Liberal arts education provides these citizens opportunities for the exploration of decisionmaking and problemsolving strategies across disciplines. Through reading the literature of a people in crisis, examining the politics or psychology of conflict, designing an experiment to better understand an issue, or performing a work with emotional impact, students gain not only an academic understanding of their world, but also an opportunity to see the world of others. It is through such understanding that we develop the empathy to participate in solving problems with others while integrating our knowledge with our personal beliefs. Allowing tomorrow's citizens to experience the world of others provides them with vicarious practice for making life's decisions, thus enhancing their development of personal convictions. Personal convictions paired with civic imagination is the goal of liberal learning.

General education in the liberal arts tradition has always extended its focus beyond the confines of the campus and the college years. The expanded paradigm increases our emphasis on preparing students to be lifelong learners, to be active and successful in careers and communities, to be individuals who make positive contributions to the world around them. The increased emphasis on theory and practice encourages students to be participatory learners and leaders throughout their lives. The expanded paradigm should serve our students well even when they first leave the College. They should be better prepared for graduate and professional study and more highly prized by the world of business. Because of their general education experiences, our graduates will be better able to understand and help shape the changing world of the twenty-first century. Their knowledge, experience, and adaptability will serve them well. These will be invaluable skills in advanced study, in business and government, and in all facets of life.

GRADUATION REQUIREMENTS

Degrees Conferred

Birmingham-Southern College confers the earned undergraduate degrees of Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Music, Bachelor of Music Education, and Bachelor of Science.

Requirements for any Bachelor's Degree

To earn any bachelor's degree offered by the College, a student must complete the following requirements:

(1) Total units: pass 32 full-unit regular term courses or the equivalent, and complete one interim term project for each full academic year that he or she is enrolled in Birmingham-Southern College.

(2) Major: successfully complete a concentration consisting of a minimum of eight units in the major discipline. For the Bachelor of Arts degree or the Bachelor of Science degree, no more than 20 units in a major and its supporting courses (including interim terms) or in any interdisciplinary or individualized major may be presented toward the 32 regular term plus interim term units required for graduation.

(3) Grade point average: earn a grade point average of 2.00 (a "C" average) on all work completed at Birmingham-Southern College and earn a 2.00 grade point average on all work completed in his or her major and minor field; for interdisciplinary or individualized majors the student must earn a 2.00 average in the required courses in each of the disciplines; additionally, a student who has transferred to Birmingham-Southern College from another institution must have a cumulative 2.00 average, a 2.00 average on all work completed at the College, and must have a 2.00 average on all courses in the major and minor field completed at Birmingham-Southern College.

(4) Residency: complete at least two years of work (16 regular term units and 2 interim units) at Birmingham-Southern College. A student who has transferred to Birmingham-Southern College from another institution must complete at least five units of credit in his or her major discipline, and, if declaring a minor, earn at least half of the required credits at Birmingham-Southern College.

If a student has completed the requirements for one baccalaureate degree at Birmingham-Southern College, he or she must earn at least eight regular units and one interim unit of additional credit in residence at Birmingham-Southern College, and must satisfy all requirements for graduation, in order to complete a second baccalaureate degree. *Completion of two majors alone does not warrant the awarding of two separate degrees to graduating students.*

(5) Discharge all obligations and college duties.

Foundations Curriculum Requirements for B.A. and B.S. Degree Programs

At Birmingham-Southern College, we believe that a liberal arts education is the foundation for lifelong learning, and a foundational understanding of a breadth of scholarly disciplines forms the fundamental core of that education. This belief is the organizing principle of our liberal arts curriculum. The curriculum

at the College is taught through academic disciplines. These disciplines, however, are not completely distinct. Many disciplines share common methodologies or are constructed around a common body of knowledge. We recognize this fact by grouping the academic disciplines at the College into six broad areas: behavioral and social sciences; business; education; fine and performing arts; humanities; and mathematics and natural, physical, and computer sciences. While we teach our curriculum through these disciplines, the ideal goal of a liberal arts education is an integration of knowledge and understanding gained through them. Moreover, we recognize that some important concepts, especially scholarship, cross all disciplines. The College's intentions for general education are explained in the General Education Goals and Integrated Studies statements that precede the Foundations Curriculum Requirements in the catalog and serve as its basis.

(1) First-Year Foundations (2 units)

Birmingham-Southern College recognizes the importance of the first year of college as foundational in the development of a lifelong learner. As a means of focusing on the special needs of first-year students, each academic area of the College has designated a number of courses solely for these students. Some courses are offered either in the fall or the spring; others are offered each term. Often these courses have special components tied to the "Common Hour," such as lectures or performances. Some of these courses are linked so that all students in one class will also be taking the other. Some are offered in multi-disciplinary clusters; some are partnered with a first-year interim term project. In registration materials, these courses are designated as "1Y."

In their first year of college, students are required to take two First-Year Foundations courses representing different academic disciplines. These courses may also satisfy the Disciplinary Foundations or Skills Foundations requirements as articulated below. (Students who transfer to the College in the interim term or spring term of their first year are required to take one of these courses. Students transferring to the College after their first year are exempt from this requirement.) Interim term projects designated as "1Y" do not satisfy Disciplinary or Skills Foundations requirements.

(2) Disciplinary Foundations (10 units)

Arts and sciences form the foundation of a liberal arts education. We recognize that students cannot take courses in every discipline of the arts and sciences, yet we believe it is important that they take courses in different areas to secure a wellrounded education. To ensure a foundational breadth, students must take at least five units in both arts and sciences within the parameters stated below. Students taking interdisciplinary courses may count them in any discipline represented by the course or in the discipline of one of the professors if the course is team taught. Disciplinary Foundations courses may not fulfill Skills Foundations requirements.

(a) Arts (at least one unit from each of the five groups below)

- (1) Fine and performing arts (must be in the history, appreciation, or theory of art, dance, music, or theatre; not in the practice of a creative or performing art)
- (2) History
- (3) Literature (through English, classics, or foreign language)
- (4) Philosophy or religion (except for PL 241 and PL 350)
- (5) Humanities (classics, English, foreign languages, history, humanities, philosophy, religion)

(b) Sciences (at least five units from the two areas described below)

- (1) Astronomy, biology, chemistry, computer science, urban environmental studies (when appropriate), mathematics, or physics (a minimum of three units representing at least two disciplines; at least one course must be a laboratory science)
- (2) Economics, political science, psychology, or sociology (a minimum of two units representing at least two disciplines)

(3) *Skills Foundations (4-5 units)*

In addition to their Disciplinary Foundations courses, Birmingham-Southern College students are expected to demonstrate a basic competency in a creative art, a foreign language, mathematics, and writing. Courses taken to fulfill the Skills Foundations may not be used for Disciplinary Foundations credit.

(a) Creative Art (one unit)

A total of at least one unit must be in the practice of a creative or performing art, not in the history, appreciation, or theory of a fine or performing art (art, creative writing, dance, music, or theatre). The full unit must be in the same discipline.

(b) Foreign Language and Culture (one or two units)

Depending on placement, students will take one or two units in a nonnative language through one of the following means: 101 and 102; 201 and 220; or one course at the 220 level or above. Students who have studied a language for more than one year prior to entering Birmingham-Southern College will not receive general education credit for taking 101 or 102 in that language except through approval by the foreign language faculty.

(c) Mathematics (one unit)

MA 150 or MA 250 (introductory courses), MA 207 (statistics), or MA 231 (calculus) or higher. Students must also pass MA 115 by coursework, by presenting acceptable ACT or SAT scores, or by passing the algebra proficiency exam given during orientation week. This requirement must be completed before any other mathematics courses may be taken. All new students should complete this requirement during their first term at the College. If schedule conflicts or other problems prevent this, students should complete this requirement no later than their second term at the College.

(d) Writing (one unit)

Successfully complete EH 102 or EH 208. A student with an AP score of five on the English grammar examination or an IB score of six or seven is placed automatically in EH 208. All other students are placed by the English faculty according to application essays and ACT or SAT test scores.

(4) *Intercultural Foundations (1 unit)*

We live in an increasingly globalized world composed of diverse cultures. With this reality in mind, we require each student to take at least one course or interim whose primary focus of study is the experience of an ethnic minority American culture or cultures; culture(s) other than that of the United States; or the analysis of multiple cultures. This unit may also fulfill one of the requirements above or requirements for the major or minor. These courses are labeled in the catalog and interim bulletin as "IC" courses.

Approved Regular Term Intercultural Foundations Courses

AR 220 International Film I
AR 221 International Film II

ARH 215 Survey of Art History I: Ancient to Medieval
ARH 216 Survey of Art History II: Renaissance to Present
ARH 314 Renaissance Art
ARH 315 Baroque Art
ARH 415 Nineteenth-Century Art
ARH 416 Modern Art

CL 211 Mythology
CL 301 Greek Civilization

DA 350 Dance History I

EH 230/HI 230 Plural America I
EH 231/HI 231 Plural America II
EH 384 Literature of the American Indian
EH 385 Contextual Studies in World Literature
EH 395 Contemporary International Fiction

FR 325 French Civilization
FR 360 Quebec: Life and Letters
FR 401 Survey of French Literature I
FR 402 Survey of French Literature II
FR 410 Twentieth-Century Literature
FR 420 Nineteenth-Century Literature
FR 470, 471 French Seminar
FR 490 Francophone Literature from Africa and the Caribbean

GN 303 Introduction to German Culture I
GN 304 Introduction to German Culture II
GN 310 German Landeskunde
GN 401 Survey of German Literature I
GN 402 Survey of German Literature II
GN 420 DDR Literatur (1)

HI 181 East Asian Civilization I: Introduction to Chinese Civilization
HI 182 East Asian Civilization II: Introduction to Japanese Civilization
HI 230/EH 230 Plural America I
HI 231/EH 231 Plural America II
HI 242 Industry, Imperialism, and World War: History of England from George III to the Present
HI 245 Russian Civilization
HI 260 Social History of Latin America

HI 265 The Middle East in the Twentieth Century
HI 282 Disputers of the Tao: Major Texts in the Confucian, Buddhist, and Taoist Traditions
of East Asia
HI 287 Western Images of Asia
HI 288 Remembering World War II (A): The War in Asia and the Pacific
HI 289 Remembering World War II (B): The War in Europe and the Holocaust

HM 200 Banned Books: French Literature in Translation (1)

IDS 200 Introduction to Human Rights

IS 100 Introduction to International Studies

LAS 200 Seminar in Latin American Studies

MU 126 Music of the World's People

PL 251 History of Western Philosophy I

PS 238 Introduction to Comparative Politics
PS 240 Introduction to Latin American Politics
PS 307 Civil Rights and Justice
PS 338 Comparative Political Behavior
PS 342 Comparative Political Development
PS 361 Politics in China and Japan

PY 230 CrossCultural Psychology

RE 221 World Religions

SO 102 Contemporary Social Problems
SO 305 Sociology of the Family
SO 335 Race and Ethnic Relations
SO 380 Sociology of Religion

SN 340 Cinema in Spain and Latin America
SN 350 Latinos in the United States
SN 360 Spanish Civilization
SN 365 Latin American Civilization
SN 370 Special Topics in Culture
SN 401 Panorama of Spanish Literature
SN 402 Panorama of Latin American Literature
SN 495 Special Topics in Literature

(5) Scholarship Foundations

Scholarship is the primary product of disciplinary study. We use this word in the broadest sense. It may mean research in the sciences, writing in the humanities, performing in the arts. Each discipline defines what constitutes appropriate scholarship for its students. In the academic world, scholarship is presented publicly and reviewed by peers. This process of presentation, review, and commentary creates a richer intellectual community for both scholars and the world at large. Scholarship occurs throughout the liberal arts experience, and the culminating piece of scholarship at Birmingham-Southern College is the Senior Conference, a time during which seniors publicly share their research, scholarship, and creativity with faculty and students inside and outside their major.

All students must complete a scholarly senior seminar, interim, or independent study as deemed appropriate by disciplinary faculty in the major. To demonstrate this disciplinary scholarship, all students must participate in a Senior Conference prior to graduation.

(6) Intellectual and Cultural Foundations

The intellectual and cultural opportunities presented during the course of a college education are immense. During this time, lifelong learners deepen their intellectual and cultural understandings and experiences. They enrich their interests in certain areas and develop new tastes in others. To assist in this development, all students must accumulate 40 points in the College's intellectual and cultural life program. Prior to graduation, students are required to attend at least 40 approved cultural and intellectual programs held on campus and in the community, an average of ten per year. No more than ten of these may come from offcampus events. Each semester a list of specially approved lectures, events, performances, recitals, etc., will be published through print and electronic means. Many of these events will occur during the "Common Hour" on Tuesdays and Thursdays. Transfer students must obtain points equivalent to five per each term they attend Birmingham-Southern College. (Students on foreign study receive five points for each term abroad.)

A student's time of registration is linked to a student's class standing and the number of cultural events attended. The minimum suggested number of events is as follows:

	fall registration (for interim and spring)	spring registration (for summer and fall)
1st Year	3	7
2nd Year	13	17
3rd Year	23	27
4th Year	35	37 (if necessary)

Events attended in excess of the minimum do not supersede class standing.

Foundations Curriculum Requirements for B.M., B.M.E., and B.F.A. Degree Programs

Students who wish to earn a Bachelor of Music degree, Bachelor of Music Education degree, or a Bachelor of Fine Arts degree must complete the following requirements.

(1) First-Year Foundations (2 units)

Students are required to take two First-Year Foundations courses representing different academic disciplines.

(2) Disciplinary Foundations (5 units)

Students must complete five units in areas outside of the fine and performing arts, and are required to take one each from science and mathematics, humanities, and the behavioral and social sciences.

(3) Skills Foundations (3-4 units)

Skills Foundations units are in addition to the Disciplinary Foundations units listed above. For required units in foreign language and culture (one to two units), mathematics (one unit), and writing (one unit) see the Skills Foundations section under Foundations Curriculum Requirements for B.A. and B.S. Degree Programs.

(4) Intercultural Foundations (1 unit)

Each student must take at least one IC designated course or interim as discussed in the Intercultural Foundations section under Foundations Curriculum Requirements for B.A. and B.S. Degree Programs. This unit may also fulfill one of the requirements above or requirements for the major or minor.

(5) Scholarship Foundations

Students must complete a scholarly senior seminar, interim or independent study as directed by disciplinary faculty in the major. To demonstrate this disciplinary scholarship, all students must participate in a Senior Conference prior to graduation.

(6) Intellectual and Cultural Foundations

Students should attend at least 40 approved cultural and intellectual programs, an average of ten per year.

Interim Term

A major objective of the curriculum is to encourage students to develop their potential for creative activity and independent study. Under the four-one-four academic calendar on which the College operates, interim term, a period of four weeks beginning early in January, provides a unique opportunity for innovation and experimentation on the part of both students and faculty. Project activities during the interim term vary in content and technique. Similarly, students are encouraged to use initiative and imagination whether their project is a group endeavor or an individual effort. Students should complete interim projects during the interim term.

During the sophomore, junior, and senior years, students may contract individualized interim projects. All contracted projects must meet high academic standards and be supervised by faculty members from Birmingham-Southern College. Each contracted project must be approved by the student's faculty advisor, the project sponsor, the appropriate department chair, and the Interim and Contract Learning Committee. Additionally, students may participate in the Interim Exchange Program and work under the supervision of faculty members from other institutions affiliated with the program.

First-year students may not contract individualized interim projects; they must select from the Interim Term Bulletin one of the projects open to them. All first-year students must work under the close supervision of a Birmingham-Southern College faculty member. Interim term projects designated as "1Y" do not satisfy Disciplinary or Skills Foundations requirements.

A student is required to complete one interim project for each full academic year of enrollment in the College up to a maximum of four. Each project counts as a full unit. For those majors that require a senior interim project, the senior interim project must receive a letter grade. A student who accelerates his or her program in order to graduate after three academic years plus summers is required to take only three interim projects. A transfer student who meets only the minimum residence requirements for a degree must complete at least two interim projects.

All interim projects are recorded on permanent records and class schedules according to discipline abbreviations (including "GEN" for those projects outside of the disciplines offered at the College) and the number 199, 299, 399. If required for the major, senior interims will be recorded as 499. Although not listed in the catalog, all disciplines normally offer projects every interim term. Each fall a published Interim Term Bulletin lists projects offered in the upcoming term. The College also receives information concerning interim offerings at other four-one-four colleges and encourages students to consider these opportunities.

ACADEMIC MAJORS

Declaration of a Major

Students may major in any of the areas listed below. Before the end of the sophomore year, preferably during spring registration, a student must make a formal declaration of his or her proposed major. Students should be aware that certain majors may require more than eight regular terms to complete.

Disciplinary Majors

Art (Bachelor of Fine Arts in drawing, painting, photography, printmaking or sculpture; Bachelor of Arts in studio art)

Art History

Biology

Business Administration

Chemistry

Economics

Education (elementary/collaborative education K-6, secondary education 6-12, dance P-12, visual art P-12, music education P-12, educational services)

English

History

Mathematics

Music (Bachelor of Arts in film music, music literature, music technology, music theory, music performance, and song writing; Bachelor of Music Education; Bachelor of Music in composition, music performance, and sacred music)

Philosophy

Physics

Political Science

Psychology

Religion

Sociology

Spanish

Theatre Arts

Interdisciplinary Majors

Asian Studies
Biology-Psychology
English-Theatre Arts
History-Political Science
International Studies
Media and Film Studies
Musical Theatre
Philosophy-Politics-Economics
Religion-Education
Religion-Philosophy
Sociology-Political Science
Sociology-Psychology
Urban Environmental Studies

Students who double major with one major being disciplinary and the second being interdisciplinary and overlapping in content with the first major may count a course explicitly required by both majors towards each major but may not count elective courses within one major towards satisfaction of the requirements of the other major.

Dual Degree Programs

Engineering
Environmental Studies
Nursing

INDIVIDUALIZED MAJORS

Individualized majors are designed in consultation with a faculty committee consisting of at least three faculty members representing the various disciplines involved. One of these committee members is designated chair. The student must present a proposal to the committee outlining objectives for the major, and a suggested program comprising no fewer than eight and no more than 20 units with at least six units in one discipline, if possible above the introductory level. It must also include at least one and preferably two courses that provide a synthesis of the areas covered in the major (one of these courses may be the senior interim). There shall be a distribution of 100-400 level courses with several 300-400 level courses included, at least one of which shall be at the 400 level. EH 102 and interim projects should not be listed in the areas of concentration as these are requirements of the College. The student shall accompany the proposal with a brief statement establishing a rationale for the major that indicates why existing majors and minors fail to meet the student's academic objectives. The proposal shall also be accompanied by an endorsement by the committee chair. Before approving the program, the committee will advise the student and make any necessary revisions. The program is then drawn up into a contract. Once the committee as well as the Interim and Contract Learning Committee have approved it, the contract is sent to the Provost for final approval.

Students interested in individualizing a major should submit the completed proposal, signed by the student's faculty committee, by the end of the first semester of the junior year. All negotiations for the major should be completed prior to the end of the junior year. Any changes made in the major after it has been approved must be initialed by the committee chairperson. An individualized major does not exempt students from the degree requirements of the College. (For further information contact the Office of Interim and Contract Learning or a faculty member in one of the disciplines of concentration.)

ACADEMIC MINORS

Students may concentrate additional studies in any of the areas listed below. Minors are not required for graduation, but students who pursue a minor should do so thoughtfully, and should declare it prior to the end of the junior year. Students must maintain at least a 2.00 grade point average in the minor, and none of its course requirements may be evaluated "S" or "U." In addition, no courses counted toward the major may be counted toward a minor unless specifically exempted from this exclusion. (Exemptions appear in the descriptions of majors found in the Curriculum section of this catalog.)

A student who elects to pursue a minor is encouraged to spread his or her elective courses over the remaining disciplines in order to gain the benefits of a broad liberal arts education.

Disciplinary Minors

- Art
- Art History
- Biology
- Business Administration
- Chemistry
- Classics (classical civilization and Latin)
- Economics
- English (literature, creative writing, and journalism)
- History
- Mathematics
- Music
- Philosophy
- Physics
- Political Science
- Psychology
- Religion
- Sociology
- Spanish
- Theatre Arts

Interdisciplinary Minors

- Asian Studies
- Latin American Studies
- Urban Environmental Studies

CURRICULUM

The College's curriculum is designed to provide a four-year academic program for each student. It consists of courses numbered in an orderly sequence ranging from the first-year level to the senior level.

The abbreviations in parentheses after the names of disciplines ("AR" for art, etc.) are those used by the College for permanent records and class schedules. The bachelor's degree designations to the right of names of disciplines (Bachelor of Arts, etc.) indicate those degrees awarded by the College for completing major requirements in the discipline.

The figure in parentheses after each course indicates the amount of credit given for the course: a full-unit course (1), a half-unit course ($\frac{1}{2}$), a quarter-unit course ($\frac{1}{4}$). Units of credit earned at Birmingham-Southern College may be translated into conventional semester-hour credits by multiplying the indicated figure by four. They may be translated into conventional quarter-hour credits by multiplying the indicated figure by six.

Prerequisites for courses follow the course descriptions; if no designation appears after a course description, that course has no prerequisites.

Typically, courses are scheduled for two or three days per week, for fourteen weeks each term. Not all courses conform to this schedule; the College recognizes that different kinds of learning experiences may require different contexts for learning. Students should consult the class schedule as they plan their courses each term.

A "Common Hour" is built into the schedule on Tuesdays and Thursdays for special programs, speakers, and College community activities.

DISCIPLINARY MAJOR AND MINOR REQUIREMENTS

Accounting (AC)

Business and Accounting

Susan R. Cockrell, Ron Stunda

Major Requirements

No major or minor is offered in accounting.

Courses in Accounting

AC 221 Accounting I (1)

An introductory study of financial statement analysis and accounting principles and techniques. Fall, Spring.

AC 222 Accounting II (1)

Special attention to accounting for manufacturing and the preparation and analysis of accounting statements. Prerequisite: AC 221. Fall, Spring.

AC 293, 393, 493 Independent Study in Accounting (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

AC 298, 398, 498 Teaching Experience in Accounting (½ or 1)

A teaching experience course. Students will plan and develop methods and materials for teaching accounting. Emphasis is placed on the psychology of learning in both the traditional classroom and tutorial setting. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog. Prerequisite: at least junior standing.

AC 321 Intermediate Accounting I (1)

The study of accounting theory as it pertains to generalpurpose external reporting by business enterprises. Techniques for assets and current liabilities are examined. Prerequisite: AC 222. Fall.

AC 322 Intermediate Accounting II (1)

Financial statement analysis and full disclosure requirements are addressed, along with techniques in accounting for debt, capital transactions, adjustments, income taxes, pensions and leases. Prerequisite: AC 321 and a "C" or better in all previous AC courses. Spring.

AC 324 Cost Accounting (1)

Analysis and techniques of recording, measuring, and reporting cost information to reflect inventory valuation and income or loss of business entities for internal and external reporting and decisionmaking purposes. Prerequisite: AC 222. Fall.

AC 341 Income Tax I (1)

A study of Federal income tax laws, research procedures, tax return preparation, and tax planning relating to individuals. Fall.

AC 342 Income Tax II (1)

A study of Federal income tax laws, research procedures, tax return preparation, and tax planning relevant to corporations, partnerships, and taxexempt entities, with an overview of taxation of international transactions. Prerequisites: AC 322 and a "C" or better in all previous AC courses. Spring.

AC 361 Business Law (1)

An explanation of the workings of the law in business, scope and classification of business law, legal relations of people in business, the law of contracts; damages, guaranty and suretyship, negotiable instruments, partnership and corporate forms of business organization. Prerequisite: accounting major. Fall.

AC 421 Auditing I (1)

A study of the theory of financial compliance and operational audits. Performance of a simulated audit and case presentation provides students with practice in applying professional auditing procedures for evidence gathering, evaluation, reporting, ethics, legal liability, and team work. Prerequisites: AC 322 and a "C" or better in all previous AC courses. Fall.

AC 422 Auditing II (1)

A study of advanced concepts in auditing. Students acquire further academic preparation in understanding and applying auditing in the computer environment, information systems control concepts, special audit risk considerations, and consultation in a computer systems context. Prerequisite: senior standing. Spring.

AC 428 Advanced Accounting (1)

A study that deals primarily with corporate consolidation problems, foreign currency transactions and translations. Prerequisite: senior standing.

AC 443 Governmental and NotforProfit Accounting (1)

A study and critique of the conceptual and procedural issues pertaining to the accounting, reporting, and auditing of notforprofit organizations, including state and local governments, hospitals, universities, and health and welfare organizations. Prerequisite: senior standing. Spring.

AC 444 Enterprise Information Systems (1)

An introduction to information systems within the business environment. The course presents enterprise system design and development, integration, representation and modeling, and information retrieval through the use of computer techniques such as spreadsheets, databases, and QBE queries. (Also listed as BA 444.) Prerequisite: AC 222.

AC 445 Accounting Theory (1)

Current literature, theory, and controversies affecting the accounting profession. Resolution of controversies and application of financial accounting theory in accordance with professional standards relating to financial reporting. Prerequisite: AC 322.

AC 485 Internship Proseminar (1)

An examination of current accounting issues and the primary practices and procedures in the accounting profession. This seminar examines the issues, practices and procedures that accounting graduates face as they enter the profession. This seminar is offered in conjunction with AC 499, the Accounting Internship (January to mid-March). Prerequisite: AC 499. Spring.

AC 493 Independent Study (1)

Supervised reading and research, field work, written reports, analysis of theoretical and practical problems designed primarily for majors. Prerequisite: consent.

AC 499 Senior Project in Accounting (1)

An experience designed to solidify and enhance students' knowledge in the accounting field. The experience may include a tenweek internship or an inclass project. Topics may include recent accounting developments, extensions of accounting concepts, and exploring basic business systems. Students electing an internship for their senior project should consult with the disciplinary faculty about the variety of internship options. Prerequisites: AC 322, 324, and 421. Interim.

Art (AR) and Art History (ARH)

Bachelor of Arts, Bachelor of Fine Arts

Fine and Performing Arts

Steven F. Cole, James Neel, Kevin Shook, Timothy B. Smith, Kathleen Spies, Pamela Venz

The faculty of art offers courses that introduce students to the visual arts, both as observers and participants. Beginning courses are open to students with no previous training. In addition, there are three programs for those who wish to concentrate in art. One leads to the B.F.A. degree in drawing, painting, photography, printmaking, or sculpture. The second program leads to the B.A. degree in studio art with emphasis in drawing, painting, photography, printmaking, or sculpture. A third program leads to the B.A. degree with a major in art history. Tutorial or contracted courses cannot substitute for required art history courses.

With the approval of his or her advisor, an art major may elect a maximum of two teaching experiences in the area of concentration. This is done in either the sophomore, junior, or senior year by enrolling in AR 298, 398, or 498.

Students with a studio concentration must demonstrate that they are competent to undertake college-level work in the visual arts. Students in the B.F.A. or B.A. in Studio Art may enroll in 400-level studio concentration courses upon approval of a proposal to study advanced subject matter, concepts, and techniques.

Major Requirements

B.F.A. in Drawing, Painting, Photography, Printmaking, or Sculpture (17 units):

AR 111

AR 112

AR 150 and 250

four units in art history (ARH), at least two of which must be from ARH 114, 215, or 216

six units of studio art at the 300 level or above; at least three of these units must be in the area of concentration (drawing, painting, photography, printmaking or sculpture); at least two of these units must be outside the area of concentration (drawing, painting, photography, printmaking, or sculpture)

AR 371L (taken in conjunction with the third studio course in the area of concentration)

AR 471 and 472

AR 499

B.A. in Studio Art (13 units):

AR 111

AR 112

AR 150 and 250

four units in art history (ARH), at least two of which must be from ARH 114, 215, or 216

four units in studio art at the 300 level or above in at least two different areas of concentration (drawing, painting, photography, printmaking, or sculpture)

AR 371L (taken in conjunction with the third studio course in the area of concentration)

AR 471

B.A. in Art History (12 units):

ARH 114

ARH 215

ARH 216

six additional units in art history (ARH), with at least two focused on art pre-1800 and at least two on art post-1800

two units in studio art (AR) at the 100 level

ARH 473

Minor Requirements

Studio Art (5 units):

AR 111 or 112

AR 150

ARH 215 or 216

two units in studio art (AR) at the 300 level or above

Art History (5 units):

ARH 215

ARH 216

two additional units in art history (ARH)

one unit in studio art (AR) at the 100 level

Art studio majors with art history minors and art history majors with art studio minors may use ARH 215 and/or ARH 216 to satisfy both major and minor requirements. However, art history courses at the 300 level and above cannot be used to satisfy both major and minor requirements.

Courses in Studio Art

AR 100 First Experiences in Studio Art (1)

A first-year level, team-taught introduction to the five studio art disciplines of drawing, painting, printmaking, photography and sculpture. After a one-week introduction and analysis of studio approaches and applications, the course introduces the five disciplines through five two-week concentration sessions. The course does not count towards art major requirements. Offered as a First-Year Foundations course. (Satisfies Skills Foundations requirement in creative art.) Materials fee required. Fall.

AR 101 Basic Painting (1)

A studio course dealing with the fundamental principles of oil painting, accompanied by supplemental exercises aimed at developing elementary drawing skills. (Satisfies Skills Foundation requirement in creative art.) Fall, Spring.

AR 105 American Landscape Painting (1)

A studio experience in painting that explores the historical uses of the landscape genre to comment on scientific, philosophical, theological, and/or political issues. This course cannot be used to satisfy major or minor requirements in art or art history. Offered as a First-Year Foundations course. (Satisfies Skills Foundation requirement in creative art.)

AR 111 Two-Dimensional Design (1)

A studio course emphasizing structural and proportional organization through problems in line, tonal contrast, and color relationship, employing a variety of materials. (Satisfies Skills Foundation requirement in creative art.) Fall, Spring.

AR 112 Three-Dimensional Design (1)

A studio course emphasizing composition and construction techniques through a series of three-dimensional projects. (Satisfies Skills Foundation requirement in creative art.) Fall, Spring.

AR 120 Photography from Pin Hole to Pixels (1)

An introduction to the production and understanding of photography, its history and its impact on the way in which we view the world. Camera required (no phone cameras). No previous experience in photography is required. This course cannot be used to satisfy major or minor requirements in art or art history. Offered as a First-Year Foundations course. (Satisfies Skills Foundation requirement in creative art.)

AR 130 Printmaking: The Art of Communication (1)

An integrated curriculum of history and studio techniques in printmaking. The course emphasizes printmaking's historical and contemporary impact on communication media and the art world. This course cannot be used to satisfy major or minor requirements in art or art history. Offered as a First-Year Foundations course. Materials fee required. (Satisfies Skills Foundations requirement in creative art.) Spring.

AR 150 Drawing I (1)

A studio course dealing with basic principles of drawing. This course emphasizes drawing skills and perception. (Satisfies Skills Foundation requirement in creative art.) Fall, Spring.

AR 220 International Film I (1)

An overview of the stylistic and creative development of the art film from the silent era in Europe through the French New Wave. Two two-and-one-half-hour meetings weekly (an IC designated course). Also listed as HON 220, this course may be counted by Honors Program students toward fulfillment of their course requirements. Fall.

AR 221 International Film II (1)

An overview of the stylistic and creative development of the art film from the second Italian Renaissance to the present. Two two-and-one-half-hour meetings weekly (an IC designated course). Also listed as HON 221, this course may be counted by Honors Program students toward fulfillment of their course requirements. Spring.

AR 222 Camera Mechanics and Composition (1)

A studio experience investigating the manual controls of the Single Lens Reflex Camera (SLR), both film and digital, and the aesthetic effects of those controls and lens options on photographic compositions. The course introduces rudimentary silver and digital printing techniques, including scanning options for film images. The course is required for students interested in upper-level photography courses who have had no previous experience with SLR manual camera controls. An SLR camera, either film or digital, with manual control options is required. (Satisfies the Skills Foundations requirement in creative or performing art.) Pre-requisites: at least sophomore standing.

AR 250 Drawing II (1)

A studio experience focusing on figurative studies involving proportions of the human skeleton and life drawing. Course activities develop a personal imagery through a variety of techniques. Figure laboratory required. Prerequisite: AR 150. Fall.

AR 293, 393, 493 Independent Study in Art (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

AR 298, 398, 498 Teaching Experience in Art (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

AR 306 Painting I (1)

A studio experience in the fundamentals of oil painting, exploring traditional subjects and concepts. Prerequisite: AR 150. Fall, Spring.

AR 307 Painting II (1)

Application of techniques presented in AR 306, with an investigative approach to materials and style and an emphasis on aesthetics. Prerequisite: AR 306. Fall, Spring.

AR 308 Painting III (1)

A studio experience in advanced techniques and conceptual approaches to painting, specifically in the development of works in series. Enrollment in AR 371 required of students enrolled as their declared studio concentration (Spring only). Prerequisite: AR 307. Fall, Spring.

AR 309 Encaustic Painting (1)

A studio experience in the history and techniques of painting with pigmented wax, exploring traditional subjects, concepts and contemporary themes in art. Following a lecture on the history and contemporary uses of this ancient medium, studio experimentation will explore the various techniques of encaustic painting while solving visual problems that address issues in poststructuralist postmodernism. Prerequisite: AR 111.

AR 311 Sculpture I (1)

A studio experience in several traditional sculptural concepts and media, including modeling, casting, and carving. Prerequisite: AR 112. Fall, Spring.

AR 312 Sculpture II (1)

Advanced sculptural problems, their concepts and media. Prerequisite: AR 311. Fall, Spring.

AR 313 Sculpture III (1)

A studio experience in advanced techniques and conceptual approaches to sculpture. Enrollment in AR 371 required of students enrolled as their declared studio concentration (Spring only). Prerequisite: AR 312. Fall, Spring.

AR 321, 421 Photography: From Chemistry to Digital (1)

A studio experience in the fundamentals of silver and digital image processing including 35mm film and paper processing, Photoshop and archival digital print processing. An SLR camera, either film or digital, with manual control options is required. Students must have an understanding of SLR camera mechanics, most likely from completing AR 222. May be repeated as AR 421 with approval. Prerequisites: at least two from AR 111, 112, or 150; and a sophomore standing or above.

AR 322, 422 Photography: Alternative Processes (1)

A studio experience in the various alternative approaches to photographic image making including, but not limited to cyanotype, albumen, gum bichromate, transfer processes, and pin-hole cameras. An SLR camera, either film or digital, with manual control options is required. Students must have an understanding of SLR camera mechanics, most likely from completing AR 222. May be repeated as AR 422 with approval. Prerequisite: at least two from AR 111, 112, or 150; and sophomore standing or above.

AR 323 Photography III (1)

A studio experience in advanced techniques and conceptual approaches to photography. Enrollment in AR 371 required of students enrolled as their declared studio concentration (Spring only). Prerequisite: AR 322. Fall, Spring.

AR 330, 430 Intaglio Printmaking (1)

A studio experience in printmaking's most versatile technique. The course develops an individual's competency conceptually and technically in collagraph, drypoint, ImagOn, soft-ground, hard-ground and aquatint etching. May be repeated as AR 430 with approval. Prerequisites: at least two units from AR 111, 112 and 150; and at least sophomore standing. Fall, spring.

AR 331, 431 Relief Printmaking (1)

A studio experience in the oldest and one of the most expressive and direct printing processes. This course develops an individual's competency conceptually and technically in woodcut, linoleum and other relief processes. May be repeated as AR 431 with approval. Prerequisites: at least two units from AR 111, 112 and 150; and at least sophomore standing. Fall, spring.

AR 332, 432 Serigraphy (1)

A studio experience in printmaking's youngest traditional technique, commonly known as screenprinting. This course develops an individual's competency conceptually and technically in the water-based processes of blockout, drawing fluid, crayon resist and photo emulsion. May be repeated as AR 432 with approval. Prerequisites: at least two units from AR 111, 112 and 150; and at least sophomore standing. Fall, spring.

AR 333, 433 Digital Printmaking (1)

A studio experience in printmaking's newest technique. This course uses the computer as a tool to create and manipulate digital images, and explores contemporary and traditional printmaking techniques to produce printed editions of these digital images. The course develops an individual's competency conceptually and technically in the use of digital technology to create prints in three traditional processes: woodcut, serigraphy and photo etching. May be repeated as AR 433 with approval. Prerequisites: at least two units from AR 111, 112 and 150; and at least sophomore standing. Fall, spring.

AR 334, 434 Lithography (1)

A studio experience in printmaking's most mystical and scientific technique. The course develops an individual's competency conceptually and technically in stone lithography. May be repeated as AR 434 with approval. Prerequisites: at least two units from AR 111, 112 and 150; and at least sophomore standing. Fall, spring.

AR 353, 453 Drawing and Beyond: Making Connections (1)

An exploration of the relationship between drawing and all other areas of two and three-dimensional art. The course considers the drawings and subsequent work in painting, printmaking, sculpture, and photography of prominent artists such as Giacometti, Twombly, Rembrandt, Oldenburg, Van Gogh, Christo, Diebenkorn, Hockney, Meyer, Sontag, Michals. Figure laboratory required. May be repeated as AR 453 with approval. Prerequisite: AR 250.

AR 354, 454 Advanced Figure Drawing (1)

An exploration of the anatomy and proportions of the human figure as it relates to the artist. Skeletal anatomy as well as the muscular anatomy and the body fat masses on the male and female body will be examined. Facial features and proportions will also be addressed with portraits. Old masters' and contemporary artists' work will be studied. Figure laboratory required. May be repeated as AR 454 with approval. Prerequisite: AR 250.

AR 355, 455 Colored and Mixed Media (1)

An exploration of both black and white and colored drawing media, as well as techniques in mixed media. Emphasis is on matching the medium to the individual's strengths. Figure laboratory required. May be repeated as AR 455 with approval. Prerequisite: AR 250.

AR 356, 456 Observational Drawing (1)

An investigation of light, surface, and form in natural objects and depth and perspective in architecture. Students will also draw from works in the Birmingham Museum of Art with field trips that may include the zoo, botanical gardens, and downtown. Figure laboratory required. May be repeated as AR 456 with approval. Prerequisite: AR 250.

AR 371L Studio Experience

Develops conceptual and critical analysis skills crucial to the maturation of the studio artist. A non-credit lab, this course is required of students enrolled in the third course of their declared studio concentration. Prerequisite: completion of two 300-level courses in studio concentration and enrollment in a third 300-level course in studio concentration. Spring.

AR 471 Senior Studio I (1)

A course for B.A. and B.F.A. studio art degree candidates that leads to the production of a series of related works in the student's area of specialization. For the B.A. student, the course fulfills the senior capstone experience and will culminate in a public talk and a written formal statement. A public exhibition of completed work is optional. For the B.F.A. student, the course is the first of three courses (AR 471, 499, and 472) that comprise the senior capstone experience; the completion of all three courses will culminate in a public exhibition, a public talk, a formal artist's statement, and a written thesis. The major components of this course will include weekly critiques, a written statement of purpose, and the development of a formal statement that outlines the conceptual and visual basis of the student's work. Prerequisites: completion of three 300-level or above course in studio concentration; senior standing; and consent. Fall.

AR 472 Senior Studio II (1)

A continuation of work initiated in AR 471 culminating in the student's participation in the senior exhibition and gallery talk to be reviewed by the art faculty. Prerequisite: AR 471. Spring.

AR 499 Senior Project in Art (1)

A capstone experience in art; subject to approval by the major professor. The B.F.A. candidate either continues project work from AR 471 or takes on a course of study supportive of the senior studio experience. Prerequisite: senior standing. Interim.

*Courses in Art History***ARH 114 Introduction to Art Issues (1)**

An introductory discussion course designed for beginning studio art and art history majors. Students are introduced to the language and methods of verbal and written visual analysis, and to political and social issues surrounding the production and consumption of art today. (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Prerequisite: art or art history major. Fall.

ARH 215 Survey of Art History I: Ancient to Medieval (1)

A slidelecture course that provides the general student as well as the art major with an introduction to the language and methodology of art history. Focus is placed on stylistic development and its relation to cultural and historical contexts. Objects studied include prehistoric cave paintings, Egyptian pyramids, ancient Greek sculpture, and the cathedrals of medieval Europe (an IC designated course). (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Fall.

ARH 216 Survey of Art History II: Renaissance to the Present (1)

A slidelecture course that provides the general student as well as the art major with an introduction to the language and methodology of art history. Focus is placed on stylistic development and its relation to cultural and historical contexts. Artists studied include Michelangelo, Rembrandt, Monet, Picasso, Dali, and O'Keeffe (an IC designated course). (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Spring.

ARH 293, 393, 493 Independent Study in Art History (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

ARH 298, 398, 498 Teaching Experience in Art History (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

ARH 311 Roman Art (1)

A survey of the visual arts and archaeology of ancient Rome from its prehistoric origins through the fall of the Empire, considered in a social-historical context and with a primary emphasis on the early Imperial period. Prerequisite: ARH 215.

ARH 312 Medieval Art (1)

A survey of the visual arts and architecture of Western Europe from approximately 300 to 1400, considered in a social-historical context, and with a primary emphasis on Italy and France. Prerequisite: ARH 215.

ARH 314 Renaissance Art (1)

A survey of the visual arts and architecture of Western Europe between 1400 and 1600, considered in a social-historical context and with a primary emphasis on major Italian centers and artists (an IC designated course). Prerequisite: ARH 216.

ARH 315 Baroque Art (1)

A survey of the visual arts and architecture of Western Europe from 1600 to 1700, considered in a social-historical context and with a special emphasis on Italy, France, and the Dutch Republic (an IC designated course). Prerequisite: ARH 216.

ARH 316 American Art (1)

A study of the visual arts of the United States and their social-historical contexts from the Colonial period to 1945. Prerequisite: ARH 216. Fall.

ARH 345 Medieval Narrative in Words and Pictures (1)

An investigation of medieval modes of reading texts and images. Beginning with working definitions of such words as *reading*, *narrative*, and *intertextuality*, this seminar will explore such through interdisciplinary case studies and will address topics like the relations of images and texts, reception, and compositional structure and meaning. Also listed as HON 345, this course may be counted by Honors Program students toward fulfillment of their course requirements. Prerequisite: art history major.

ARH 405 Pre-Columbian Art (1)

An examination of the visual arts and architecture of the ancient Americas from roughly 1500 B.C. to the Spanish conquest in the sixteenth century, considered in a social-historical context, and with emphasis on the Maya, Aztec, and Inca cultures. Prerequisite: ARH 215 or ARH 216.

ARH 415 Nineteenth-Century Art (1)

A study of the major European art movements from about 1760 to 1900, with a brief inclusion of their correlation in America. Focus is given to viewing artworks in their social-historical contexts (an IC designated course). Prerequisite: ARH 216. Fall.

ARH 416 Modern Art (1)

An examination of the visual arts of Europe and the United States from approximately 1880 through the 1960s. The course considers the leading artists and artistic movements of this time period, from Postimpressionism to Pop and Minimalism. In addition, this course provides an introductory understanding of how these artists both influenced and were influenced by their social-historical contexts. Focus will be given to painting and sculpture (an IC designated course). Prerequisite: ARH 216. Spring.

ARH 400 Special Topics in Art History (1)

Exploration of selected topics or problems in art history. This course may be repeated once for credit. Prerequisite: art or art history major or minor.

ARH 417 Contemporary Art (1)

An examination of international trends in the visual arts since the 1960s. New interpretive methods and current issues and debates surrounding artistic production and reception are also considered.

Prerequisite: ARH 216.

ARH 473 Senior Capstone in Art History (1)

An advanced exploration of an art-historical topic of the student's choice, and approved by the instructor. Students will conduct in-depth, directed research culminating in a substantial paper and public presentation that demonstrate knowledge of art historical concepts and research methodology.

This course is required for the major in art history. Prerequisites: art history major, senior standing. Spring.

Astronomy (AS)

Science and Mathematics

Duane Pontius, Mark E. Rupright

Major Requirements

No major or minor is offered in astronomy.

*Courses in Astronomy***AS 101 General Astronomy (1)**

An introductory course in descriptive astronomy with laboratory. The Meyer Planetarium and telescopes owned by the College are used as instructional aids. Three lectures and one laboratory per week. Fall, Spring. (Satisfies Disciplinary Foundations requirement in a laboratory science.) Prerequisite: MA 115 or equivalent.

AS 105 Principles of Astronomy (1)

An introduction to major topics of modern astronomy, focusing on the fundamental physical principles underlying astronomical phenomena. Topics include the origin, structure, and evolution of the solar system, stars, galaxies, and the universe. Three lectures per week. (Satisfies Disciplinary Foundations requirement in non-laboratory science.) Prerequisite: MA 115 or equivalent.

AS 301 Introduction to Astrophysics (1)

A survey of the astronomical universe, with emphasis placed on physical principles. Topics include Kepler's laws of planetary motion, the Sun, planetary and stellar atmospheres and interiors, variable stars, stellar clusters and associations, galactic structure, stellar evolution, and cosmology. Prerequisites: PH 122 and MA 232.

Biology (BI)
Science and Mathematics

Bachelor of Science

R. Scot Duncan, Andrew Gannon, Megan Gibbons, Pamela Hanson, Jason Heaton, Leo Pezzementi, Jeannette Runquist, H. Wayne Shew, Melanie Styers, Peter A. Van Zandt

Biology, the study of life from molecules to ecosystems, is one of the most interesting and important areas of modern scientific inquiry, with profound implications for society. Breakthroughs in basic research in biology are leading to practical applications in medicine, agriculture, and environmental management. The biology faculty of Birmingham-Southern College offers its students the opportunity to participate in the excitement of biology as part of a learning community of faculty and students through investigative study in the classroom, laboratory, field, and library; through collaborative undergraduate research projects; and through formal and informal consultation, advising, and discussions. By participating in these activities, students actively learn both the process and content of modern biological science.

The introductory three-course sequence of the biology major introduces students to some of the major concepts and approaches of biology: biological organization and diversity, comparative structure-function relationships, cell structure and function, energetics and metabolism, gene structure and expression, evolution, and ecology. The only upper-level course required, genetics, emphasizes the centrality of this area to all of biology. Upper-level elective courses allow students to investigate more thoroughly various facets of biological science. All students will undertake a two-term undergraduate research project as a capstone experience for their studies.

In addition to preparation for medical and dental schools, a biology major at Birmingham-Southern College also provides pre-professional training for students interested in various paramedical fields (e.g., physical therapy, and physician or surgical assistant's programs). A biology major will also prepare students for additional coursework and research in graduate school in areas as diverse as ecology, molecular biology, physiology, environmental studies, and conservation biology. Biology majors may enter public school teaching with the appropriate courses in education for certification.

An interdisciplinary major in biology and psychology is available, as are pre-professional programs in biology/environmental studies, biology/pre-nursing, and biology-psychology/pre-nursing (see the Interdisciplinary Majors section of this catalog). Courses in biology can be combined with courses in other disciplines for an interdisciplinary or individualized major to meet special career goals.

Students majoring in biology with the intention of pursuing a health career such as medicine or dentistry must meet the requirements indicated below. Additional course requirements may be needed for entrance into medical, dental or other professional programs. Students should consult with the prehealth advisor to ensure that they meet all additional requirements.

Chemistry courses required for the biology major may be used to meet minor requirements in chemistry. Major requirements in the biology major may also be used towards the urban environmental studies major and minor.

Major Requirements

The following courses are required (11-12 units):

BI 115

BI 125

BI 225

BI 301

two units in one of the following sequences: BI 470 and 472, or BI 470 and 499

four elective units in BI, at least one of which must be at the 400 level or above, and at least one of which must have a significant field component (e.g., BI 206, 208, 232, 314, 332, 410 or 411). BI 410 and 411 can be used to satisfy both requirements. No more than one elective may be a non-laboratory course (BI 363, BI 463 or BI 415).

CH 121 and 122, or CH 149

Independent study courses (BI 293, 393, and 493) are intended for students interested in additional research experience, and may not be applied toward the major. Internships (BI 297, 397, 497), interim projects (BI 199, 299, 399), and teaching experiences (BI 298, 398, 498) may not count toward the major.

Scholarship Foundations: Capstone Experience in Biology

The biology faculty challenge our majors to move beyond their coursework and truly embrace the discipline. We strive to establish and maintain a community of learners actively and personally seeking to become scientists. Excellence in courses is needed, but only research experience can transform a science student into a student scientist. Thus, as part of the Foundations curriculum, all biology majors will participate in the Scholarship Foundations component by completing the following requirements:

- (1) Complete a minimum of two terms of research in biology (BI 470, and either BI 472 or BI 499). BI 470 must precede BI 472 or BI 499. Research may be conducted off-campus if the student has at least a 3.0 grade point average in science courses, and if suitable supervision can be arranged. Interdisciplinary research projects are also encouraged. These two terms may be completed in the fall and spring terms of the senior year, the fall and interim terms of the senior year, the spring of the junior year and the fall of the senior year, the summer before the senior year and the fall term of the senior year, the spring term of the junior year and the summer before the senior year, or, in exceptional instances, the interim and spring terms of the junior year.

When research is performed during the spring, summer, or fall terms, students will register for BI 470 or BI 472 Directed Research, for one unit of credit per term; in interim, students will register for BI 499. During the first term of Directed Research, students will consult with their research advisors and the course facilitator to (a) lead a discussion of a research article related to their project, (b) develop and write a formal research proposal, (c) give an oral presentation of the proposal to the class, and (d) begin their research. During the second term, students will (a) give a progress report, (b) finish their research, (c) write a thesis in the form of a scientific article, and (d) prepare an oral presentation of their research project.

- (2) Give a twenty-minute oral presentation of their research results and analysis to the discipline and the College community in their Senior Conference. This presentation may be delivered on Honors Day or during discipline or area conferences scheduled during the fall, interim, spring, or summer terms.
- (3) Write a thesis in formal research style presenting the experimental results and analysis.
- (4) Take the E. T. S. Major Field Achievement Test in Biology.

Minor Requirements

Internships, interim projects, and teaching experience may not count toward the minor.

The following courses are required (6 units):

- BI 115
- BI 125
- BI 225
- BI 301
- one additional unit in BI at the 300 level or above
- CH 121

Graduation with Disciplinary Honors in Biology

The biology faculty as a whole will decide on honors for each candidate, based on the student's performance at the College, in the biology major, and in Beta Beta Beta, the biology honorary society. At a minimum, students must meet the following requirements:

- (1) Earn a grade point average of 3.75 in all courses and a grade point average of 3.75 in courses in the biology major.
- (2) Score at or above the 80th percentile nationally on the E. T. S. Major Field Test in Biology.

Courses in Biology

BI 101 Explorations in Biology (1)

A course for non-science majors designed to provide an understanding of selected fundamental biological principles and processes. Three lectures and one three-hour laboratory per week. This course does not count towards the biology or biology-psychology major. (Satisfies the Disciplinary Foundations requirement in a laboratory science.)

BI 103 Introduction to Forensic Science: Using Science to Solve Crimes (1)

An introduction to the field of criminalistics. Study will focus on the use of biology and chemistry in solving crimes. The course will consider actual criminal cases and how they were solved by use of forensic techniques. In addition, simulated crime scenes will be used to provide students an opportunity to "solve" crimes using forensic science. Three lectures and one three-hour laboratory per week. This course may not be counted toward the biology major. (Satisfies the Disciplinary Foundations requirement in a laboratory science.) Spring.

BI 115 Organismal Biology (1)

An introduction to the biology of organisms. Topics include levels of biological organization, biological diversity, plant and animal structure and function, and comparative study of structure/function relationships in living organisms. Designed for students who plan to major in biology or one of the natural sciences and/or who are pre-health. Three lectures and one three-hour laboratory per week. (Satisfies the Disciplinary Foundations requirement in a laboratory science.) Fall, Spring.

BI 125 Cell and Molecular Biology (1)

An investigation of the fundamental properties of cells. Topics include cell structure and function, energetics and metabolism, gene structure and expression, and the techniques used to study these phenomena. Designed for students who plan to major in biology or one of the natural sciences and/or who are pre-health. Three lectures and one three-hour laboratory per week. Prerequisite: BI 115. Fall, Spring.

BI 149 Cancer: Biology and Beyond (1)

A study of the development, progression, and treatment of cancer. The fundamentals of cell biology are learned by exploring the differences between normal and cancerous cells. In addition, the psychological and socioeconomic impacts of the disease are studied. Three lectures and one three-hour laboratory per week. This course may not be counted toward the biology major. (Satisfies the Disciplinary Foundations requirement in a laboratory science.)

BI 206 Field Botany (1)

A study of the plants and fungi native to the southeastern United States, particularly Alabama, with special emphasis on identification, classification, distribution, and ecology. Two lectures and one three-hour laboratory per week. One weekend field trip is required. Prerequisite: BI 115. Spring of even-numbered years.

BI 208 Archaeology (1)

An introduction to the prehistory of the southeastern United States with emphasis on Alabama prehistory. Students participate in an archaeological dig, artifact analysis, and site report preparation. Two lectures and one three-hour laboratory per week. Also listed as HON 208, this course may be counted by Honors Program students toward fulfillment of their course requirements. (Satisfies the Disciplinary Foundations requirement in a laboratory science.)

BI 225 Evolutionary Ecology (1)

A study of the basic concepts of evolution and ecology as a gateway to upper-level coursework in ecology and organismal biology. Emphasis is placed on an understanding of natural selection and how it shapes speciation, population dynamics, and community interactions and composition. Prerequisites: BI 115 and 125, or UES 150, and at least sophomore standing. Fall, Spring.

BI 232 Invertebrate Zoology (1)

An introduction to the invertebrate animals with an emphasis on their diversity, morphology, physiology and ecology. One weekend field trip is required. Three lectures and one three-hour laboratory per week. Prerequisite: BI 115. Fall of even-numbered years.

BI 293, 393, 493 Independent Study in Biology (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

BI 298, 398, 498 Teaching Experience in Biology (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

BI 301 Genetics (1)

A study of the structure, function, and transmission of the genetic material. Topics from classical and molecular genetics are covered. Three lectures, one three-hour laboratory, and one DHAR laboratory per week. Prerequisites: BI 125 and 225, CH 122, MA 115 or equivalent, and at least junior standing. Fall.

BI 303 Physiology (1)

A study of the functions of organ systems and their role in regulation of body processes. Three lectures, one three-hour laboratory, and one DHAR laboratory per week. Prerequisites: BI 125 and CH 121. Spring.

BI 304 Microbiology (1)

An introduction to basic and applied microbiology. Fundamentals of bacteriology, virology, and immunology are covered. Laboratory work includes basic, clinical, and diagnostic microbiology. Two lectures, one three-hour laboratory, and one DHAR laboratory per week. Prerequisite: BI 125. Spring.

BI 314 Conservation Biology (1)

A study of the population and ecosystem level processes required to understand and conserve biodiversity. Emphasis is placed upon the genetics and demographics of populations, the implications of species interactions and community influences on conservation, and management and sustainable development case studies. Three lectures and one three-hour laboratory per week. Prerequisites: BI 115 and 225, or UES 150. Fall of odd-numbered years.

BI 315 Animal Behavior (1)

An examination of the immediate causes and evolutionary explanations for the behavior of animals. Emphasis is placed on exposure to historical perspectives and current ideas about animal behavior, training in the methodology of behavioral experimentation, and development of independent, critical thought. Topics include sexual selection, bird song learning, and aggressive behavior. Three lectures and one threehour laboratory per week (one weekend field trip may be required). (Also listed as PY 315.) Prerequisites: BI 225 and PY 101. Spring.

BI 332 Vertebrate Field Zoology (1)

A field-oriented study of the native vertebrate animals of the southeastern United States with special emphasis on identification, classification, and ecology. Two lectures and one three-hour laboratory per week. One weekend field trip is required. Prerequisites: BI 115 and BI 225. Spring of odd-numbered years.

BI 350 Ethnobotany and Economic Botany (1)

An examination of the relationships between plants and people, historically as well as in the twenty-first century. Topics include biochemistry and uses of natural plant products, material uses of plants, plants as food, poisonous plants, plant biotechnology and commercial applications of plants and plant products. Two lectures and one threehour laboratory per week. Prerequisites: BI 125 and 225. Fall.

BI 363, 463 Current Topics in Biology (1)

An in-depth study of the current literature on a topic or topics selected by the instructor. Numerical designation will depend on the workload or the difficulty of concepts covered in the course, and will be determined by the instructor prior to pre-registration. Prerequisites: biology major and at least junior standing.

BI 402 Advanced Cell Biology (1)

A study of eukaryotic cells at the molecular level. Topics include protein biosynthesis, membrane structure and function, gene expression and regulation, cellular and subcellular structure, and the cell cycle. Three lectures, one three-hour laboratory, and one DHAR laboratory per week. Prerequisites: BI 125, CH 122, and at least junior standing. BI 301 is strongly recommended. Spring.

BI 405 Recombinant DNA Technology (1)

A course investigating the impact of genetic engineering in the biological sciences. Emphasis is placed on the techniques of gene cloning and analysis, and how these techniques are used as tools in basic research in signal transduction, oncogenes, evolution, and nervous system function; and in applied research in agriculture, medicine, and industry. The social impact of recombinant DNA technology is also discussed. Three lectures, one threehour laboratory, and one DHAR laboratory each week. Prerequisites: BI 125, 225, and 301, and CH 121. Spring.

BI 408 Biochemistry (1)

An introduction to the structure, chemistry, and metabolism of carbohydrates, proteins, nucleic acids, and lipids. Three lectures, one three-hour laboratory, and one DHAR laboratory per week. (Also listed as CH 408, this course may be counted for credit in either biology or chemistry.) Prerequisites: BI 125 and CH 212. Fall.

BI 410 Tropical Field Ecology (1)

A field-oriented examination of tropical ecology in Costa Rica, with special emphasis on research methods. The course involves a six-week stay at La Selva Biological Station in Costa Rica, where students discuss readings, interact with researchers in tropical ecology, gain first-hand experience exploring tropical systems, and complete a field research project in tropical ecology. Pre-requisites: Consent. Occasional summers.

BI 411 General Ecology (1)

A study of organisms at the population, community, and ecosystem levels of biological organization. Emphasis is placed on organism-environment and organism-organism interactions. Three lectures and one three-hour laboratory per week. Prerequisites: BI 225 or BI 115 and UES 150, and at least junior standing. Fall of even-numbered years.

BI 415 Evolution (1)

A study of the basic theories and processes of organic evolution with emphasis on sources of variability and the organization of variability in populations, population genetics, and the origin of species by natural selection. Prerequisite: BI 301.

BI 425 Comparative Vertebrate Embryology (1)

A descriptive study of the development of vertebrates from gametogenesis through organogenesis. Three lectures, one three-hour laboratory, and one DHAR laboratory per week. Prerequisites: BI 115 and at least junior standing. Spring.

BI 442 Comparative Vertebrate Anatomy (1)

A study of the phylogenetic development of chordate systems with special emphasis on the comparative morphology of a series of vertebrates. Three lectures, one three-hour laboratory, and one DHAR laboratory per week. Prerequisites: BI 115 and at least junior standing. Fall.

BI 470, 472, 499 Directed Research (1)

An advanced exploration of the practices and techniques of biological research focusing on the design, execution, and presentation of experiments, data analysis, and information retrieval. Two units are required, one of which may be in the interim or summer session. During the first term (BI 470), students will consult with their research advisors and the course facilitator to (a) develop and write a formal research proposal based on literature related to the topic, (b) give an oral presentation of the proposal to the class, and (c) begin their research. During the second term (BI 472 or BI 499), students will (a) give a progress report, (b) complete their research, (c) write a thesis in the form of a scientific article, and (d) prepare an oral presentation summarizing the results of their research. Students will be expected to devote as much time to this course as that required of an upper-level laboratory course. Research may be conducted off-campus if requirements are met and if suitable supervision can be arranged. Interdisciplinary research projects are also encouraged. Students conducting their first term of research in the fall, spring, or summer will register for BI 470.

Business Administration (BA)

Bachelor of Science

Business and Accounting

Chris Cain, E. Byron Chew, Stephen H. Craft, Bert Morrow, Sara Robicheaux, Jack Taylor

The business administration major enables students to graduate ready to participate fully in the rapidly changing world of business, as well as to pursue graduate studies. The greatest strength of the business administration program lies in its philosophical commitment to creating “strong generalists” rather than “specialists.”

Birmingham-Southern’s business administration major has been recognized by numerous national and international organizations for program innovation. It is recognized as unique due to its emphasis on team teaching, student team building, continuous programmatic assessment, integration of business disciplines within the liberal arts, and the senior capstone experience.

Birmingham-Southern’s business and accounting programs are accredited by AACSB International.

Students completing the business administration program should, at minimum, understand the following:

- (a) The roles and responsibilities of managers in domestic and global enterprise, including the steps that must be taken to plan, organize, lead, and control organizations; the application of quantitative tools and techniques used in solving business problems; and the concepts of organizational behavior, the means by which managers can design and change organizations and work systems.
- (b) The roles and responsibilities of marketing managers in domestic and global enterprise, including developing products and services; targeting markets; developing marketing strategies; and an understanding of the role of consumer behavior and the channels through which products and services reach the ultimate consumer in both forprofit and notforprofit organizations.
- (c) The roles and responsibilities of the financial manager in domestic and global enterprise, including analyzing and using financial statements to assess the financial health of a firm from the perspectives of management and the suppliers of capital; developing pro forma financial statements for use as a tool in forecasting long and short term funding needs; applying the timevalueofmoney concepts to the financing and investment decision making process, particularly in the areas of security valuation and capital budgeting; and a familiarity with capital structure issues, dividend policy, and working capital management.
- (d) The fundamental principles and language of economics, including the nature and role of a market, profits, and entrepreneurship.
- (e) The concepts of strategy formulation and implementation and what it means to respond to the external forces affecting the organization, including economic, social, cultural (demographic), competitive, environmental (ecological), political, governmental, legal, and technological forces.

Major Requirements

The following courses are required (15 units):

AC 221 and 222
EC 201 and 202
MA 231
BA 201
BA 311
BA 320
BA 350
BA 363
BA 372
BA 400
BA 474
BA 475
BA 499

Minor Requirements

The following courses are required (7 units):

AC 221 and 222
EC 202
BA 201
BA 320
BA 350
BA 372

Graduation with Business Disciplinary Honors in International Business

Business administration majors who meet eligibility requirements will be invited to complete the business disciplinary honors in international business. Only invited students may apply for the disciplinary honors program. For eligibility, students must meet the following requirements:

- (1) Attain an overall grade point average of 3.70 in all courses at the College.
- (2) Demonstrate outstanding achievement in the six-course, 200-level sequence of AC 221 and 222, BA 201, EC 201 and 202, and MA 231.
- (3) Complete one additional disciplinary honors project in each of the three 400-level business courses with an international component: BA 400, BA 474, and BA 475.
- (4) Complete IBA 499 instead of BA 499 for the senior interim.
- (5) Complete an approved international experience, as described below.

In some cases, business administration faculty may waive specific requirements for deserving students.

The approved international experience may be an interim, summer, semester, or year-long travel experience. In rare cases, an internship in the international division of a domestic firm may satisfy this requirement, as determined by a three-member faculty committee. Students must gain approval prior to the internship.

Students who meet the eligibility requirements and are considering the business disciplinary honors in international business are strongly encouraged to develop non-native language proficiency through advanced coursework and immersion programs.

Courses in Business Administration

BA 201 The Real “Bottom Line”: Foundations of Business Thought (1)

An examination of classic and contemporary literature in order to explore perceptions and opinions about business and the role individuals play in business organizations. The course reviews the evolution of thought on the organizational structure of business enterprises. In particular, it considers objectives of business beyond profitability: that is, more than the “bottom line.” Fall, Spring.

BA 293, 393, 493 Independent Study in Business Administration (½ or 1)

Directed study for advanced students in the major. Coursework may include supervised reading, field work, written reports, and analysis of theoretical and practical problems in business administration. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

BA 298, 398, 498 Teaching Experience in Business Administration (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog. Open to sophomores, juniors, or seniors with consent of major advisor.

BA 301 International Business and Marketing (1)

A focused examination of principles of international business and marketing, including marketing analysis, product development, pricing, global channels of distribution, international trade and economic structures, and promotion as applied in the international setting. This course is designed for non-majors. (Does not satisfy requirements for business administration major). Summer.

BA 311 Quantitative Analysis for Business and Economics (1)

Selected methods and techniques related to managerial choice and administrative decision making. (Also listed as EC 311.) Prerequisites: BA 201 and MA 231. Fall, Spring.

BA 320 Management Principles and Organizational Behavior (1)

A study of the nature and problems of planning, organizing, staffing, directing, and controlling organizations. Prerequisite: BA 201. Fall, Spring.

BA 350 Principles of Marketing (1)

A survey course of marketing as an exchange process. Consideration is given to product development as well as to how transactions in the marketplace are initiated, motivated, facilitated, and consummated by both business and nonbusiness organizations. Prerequisite: BA 201. Fall, Spring.

BA 363 Legal Environment of International Business (1)

An examination of selected topics of the international legal environment as applied to businesses as they operate domestically and internationally. Emphasis will be on U.S. laws. The impact and interaction of foreign laws on U.S. businesses will be included. Prerequisites: BA 201 and at least one year of college coursework. Fall, Spring.

BA 372 Principles of Finance (1)

An introductory course in the principles of financial analysis directed at developing the tools necessary for sound financial decision making. Major topics include an overview of the financial environment, valuation, financial forecasting, and capital budgeting. Lab required. Prerequisites: AC 221, EC 202, and MA 231. Fall, Spring.

BA 400 International Strategic Issues (1)

A study of the international business organization as a device for mobilizing people and resources to accomplish organizational objectives. Major topics include strategy formulation and implementation in a global environment with particular attention to organizational leadership, role of culture, and ethical and socially responsible decision making (a Leadership Studies designated course). Prerequisites: BA 320, 350, and 372. Fall, Spring.

BA 414 Investments (1)

A study of various financial instruments and investment theories. The primary objective of this course is to develop analytical tools for making investment decisions and to learn practical applications of investment theory. These tools facilitate portfolio selection and the relationship between risk and return. The application of these tools leads to an understanding of stocks, bonds, options and mutual funds. (Also listed as EC 414.) Prerequisite: BA 372. Spring, every other year.

BA 415 Portfolio Management I (½)

A study of theories of portfolio management and investing strategies. Students begin with an asset allocation decision, and then create an investment policy. They will choose investments and manage a financial portfolio. Students will be able to transfer their knowledge directly from theory to application. Students are expected to enroll in BA 416 in the spring. Prerequisite: consent. Fall.

BA 416 Portfolio Management II (½)

A study of theories of portfolio management and investing strategies. Students begin with an asset allocation decision, and then create an investment policy. They will choose investments and manage a financial portfolio. Students will be able to transfer their knowledge directly from theory to application. Prerequisite: BA 415. Spring.

BA 444 Enterprise Information Systems (1)

An introduction to information systems within the business environment. The course presents enterprise system design and development, integration, representation and modeling, and information retrieval through the use of computer techniques such as spreadsheets, databases, and QBE queries. (Also listed as AC 444.) Prerequisite: AC 222.

BA 445 Leadership and Decision Making (1)

An advanced course that provides an understanding of various theories and concepts pertinent to decision making. Students apply these concepts to formulate and solve unstructured leadership problems. Prerequisite: BA 320.

BA 470 Special Topics in Business (1)

A seminar on selected topics in the leadership and management of organizations.

BA 474 Advanced and International Financial Management (1)

An advanced course in financial analysis from a managerial perspective. The course emphasizes advanced practices in financial management and their application to decision making in the business firm, including the study of the application of principles of financial management in an international setting. The course develops the student's ability to make financial decisions by using a case study format that builds on the skills developed in BA 372. The business faculty suggest that students earn at least a "C" in BA 372 before attempting this course. Prerequisite: BA 372. Fall, Spring.

BA 475 Advanced and International Marketing (1)

A study of advanced topics and strategies employed in marketing practice including behavioral research techniques, market segmentation, consumer behavior, and the marketing of services. The course includes significant coverage of international marketing and the structures of trade employed to facilitate the marketing process. The course examines marketing as employed in domestic, international, global corporate, nonprofit, and other non-government organizations. Prerequisite: BA 350. Fall, Spring.

BA 499 Strategic Management (1)

An integration of several business functions, such as accounting, finance, production, marketing, and management, in developing and stimulating the student's skill at the formulation of overall management strategy and policy. Prerequisites: senior standing and a business administration major, including completion of 28 regular term units, BA 400, EC 201, AC 222 and either BA 474 or BA 475. Interim.

IBA 499 Advanced Senior Project in International Business Strategy (1)

A capstone experience in international business in the form of a research project, pursued independently or corporately, that utilizes the skills developed across the International Business curriculum. Both a written product and oral presentation will be required. Many students complete this course in conjunction with BA 499 or AC 499. Prerequisites: admission to business disciplinary honors in international business, senior standing, and consent. Interim.

Chemistry (CH)

Bachelor of Science

Science and Mathematics

Scott Dorman, William Kittleman, David J. A. Schedler, Clyde T. Stanton, Laura K. Stultz

Career opportunities in chemistry include health care, teaching, and government and industrial research. Students who expect to work in the field of chemistry or attend graduate school in chemistry should take the courses listed under track 1. Students can receive an American Chemical Society certified degree by completing the requirements for track 1 and also taking CH 408. Track 2 is available for students pursuing health care careers such as medicine or dentistry or graduate school in biochemistry. Students wishing to prepare for teaching chemistry in secondary schools should complete a chemistry major and confer with the education department concerning additional requirements in education.

Courses required for the chemistry major may be used to meet minor requirements in mathematics and physics.

Major Requirements

Track 1 (15-17 units):

CH 121 and 122 (or CH 149)
CH 211 and 212
CH 304
CH 311 and 312
CH 401 and 402
CH 404
CH 406
CH 410
CH 499
MA 232 (see note below)
PH 121 and 122
one unit in computer programming

A reading knowledge of German is strongly recommended.

Track 2 (16-20 units):

CH 121 and 122 (or CH 149)
CH 211 and 212
CH 304
CH 311 and 312
CH 401 and 402
CH 408
two units from CH 404, CH 406, CH 410, BI 301, BI 304, BI 402, or BI 405, at least one of which must be a CH course (see note below)
CH 499
BI 115 and 125
MA 232 (see note below)
PH 121 and 122

Certain courses have their own prerequisites that add units to those required for the major: BI 301 requires BI 225; BI 405 requires BI 225 and BI 301; depending on placement, MA 232 may require MA 231.

Minor Requirements

The following courses are required (4-5 units):

CH 121 and 122 (or CH 149)

CH 211 and 212

CH 304 or 311

CS 170 is strongly recommended.

Courses in Chemistry

CH 101 Introductory Chemistry (1)

An introduction to the fundamental principles of chemistry and the importance of chemistry in modern life. This course may be counted toward the laboratory science requirement but cannot be used as a prerequisite for CH 122. Three lectures and one three-hour laboratory per week. Summer.

CH 121 General Chemistry I (1)

A study of the laws and theories of chemistry, stoichiometry atomic and molecular structure of matter, chemical bonding, properties of solutions, and periodicity of the elements. Three lectures and one three-hour laboratory per week. Two tutorial sessions are offered each week. Prerequisite: placement. Fall, Summer.

CH 122 General Chemistry II (1)

A continuation of CH 121, covering equilibria, thermodynamics, kinetics, and oxidation-reduction. Laboratory work includes semi-micro qualitative analysis. Three lectures and one three-hour laboratory per week. Prerequisite: CH 121. Spring.

CH 149 Chemical Principles (1)

A one-semester course covering advanced topics in atomic theory, equilibria, thermodynamics, and kinetics, as well as an introduction to organic and biochemistry. This course is designed for students with excellent high school preparation in chemistry and replaces the CH 121/122 sequence. Three lectures and one three-hour laboratory per week. Prerequisite: AP score of 4 or placement. Fall.

CH 211 Organic Chemistry I (1)

An introduction to structure and modern theory of organic compounds. Laboratory work includes preparation, purification, and structure determination of these compounds. Three lectures and one three-hour laboratory per week. Prerequisite: CH 122 or 149. Fall.

CH 212 Organic Chemistry II (1)

A continuation of CH 211 with emphasis on aromatic organic compounds, spectroscopy, and carbonyl chemistry. Three lectures and one three-hour laboratory per week. Prerequisite: CH 211. Spring.

CH 293, 393, 493 Independent Study in Chemistry (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

CH 298, 398, 498 Teaching Experience in Chemistry (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

CH 304 Quantitative Analysis (1)

Theory and practice of volumetric, gravimetric, and certain instrumental chemical analyses. Two lectures and two three-hour laboratories per week. Prerequisite: CH 122 or 149. Spring.

CH 311 Physical Chemistry I (1)

Basic principles of physical chemistry, stressing thermodynamics. Three lecture periods, one three-hour laboratory, and one DHAR laboratory per week. Students are strongly encouraged to take MA 310 or equivalent prior to taking CH 311. Prerequisites: CH 212, MA 232, and PH 122. Fall.

CH 312 Physical Chemistry II (1)

Continuation of CH 311, stressing chemical kinetics, elementary quantum theory, and spectroscopy. Three lectures, one three-hour laboratory, and one DHAR laboratory per week. Prerequisite: CH 311. Spring.

CH 401 Senior Seminar in Chemistry (½)

A weekly, hour and half-long seminar on current topics in chemistry and related areas, involving faculty, students, and guest speakers. Each student presents one seminar on a topic approved by the faculty. Each student also writes and defends a proposal of their research. Fall.

CH 402 Senior Seminar in Chemistry (½)

A weekly, hour and a half-long seminar on current topics in chemistry and related areas, involving faculty, students, and guest speakers. Each student presents one seminar on a topic approved by the faculty. Students prepare a poster presentation on their research and an oral presentation for the campus community during senior conference. Spring.

CH 404 Advanced Analytical Chemistry (1)

Theory and practice of such physico-chemical methods of analysis as infrared, visible, and ultraviolet spectrophotometry; gas chromatography; atomic absorption; voltammetry; and mass spectroscopy. Three lectures and two three-hour laboratories per week. Prerequisites: CH 304 and PH 122. Fall.

CH 406 Inorganic Chemistry (1)

A course containing both theoretical and descriptive inorganic chemistry. Topics include group theory and symmetry, crystal field theory, coordination chemistry, reaction mechanisms, organometallic chemistry, and bioinorganic chemistry. Three lectures and one three-hour laboratory per week. Prerequisite: CH 311. Spring.

CH 408 Biochemistry (1)

An introduction to the structure, chemistry, and metabolism of carbohydrates, proteins, nucleic acids, and lipids. Topics in application of biochemistry to medicine, dentistry, and nutrition are also considered. Three lectures and one three-hour laboratory per week. (Also listed as BI 408, this course may be counted for credit in either biology or chemistry.) Prerequisites: CH 212, BI 115 and 125, and consent. Fall.

CH 410 Senior Research in Chemistry (1)

A research experience in chemistry during the senior year. Requirements include a paper written in the style of a scientific journal article and an oral presentation to students and faculty. Prerequisites: CH 212 and consent. Fall, Spring.

CH 499 Senior Project in Chemistry (1)

A research project, pursued independently or corporately, that brings to bear the student's accumulated knowledge and skills in chemistry. A paper and oral presentation are required. Students may be required to lead discussion or direct the activities of other members of the project. Prerequisite: senior standing or consent. Interim.

Chinese (CHN)

Humanities

Major Requirements

No major or minor is offered in Chinese

*Courses in Chinese***CHN 101 Elementary Chinese I (1)**

An introduction to the Mandarin Chinese language in its five aspects: speaking, listening, reading, writing, and culture. Designed for students who have no prior knowledge of Chinese. (Satisfies Skills Foundations requirement in foreign language and culture.)

CHN 102 Elementary Chinese II (1)

A continuation of CHN 101. (Satisfies Skills Foundations requirement in foreign language and culture.)

Classics (CL) and Classical Languages (GK) (LA)

Humanities

Classics studies Greco-Roman antiquity from prehistory to the end of the Roman Empire. As an interdisciplinary field, classics synthesizes the disciplines of language and literature, history, art history, philosophy, religion and anthropology. By studying classical material, one gains an understanding and appreciation of ancient cultures which continue to influence our own.

Students not only study primary materials, such as ancient texts and archaeological remains, but learn to integrate a variety of materials. The ability to synthesize materials provides the student with an intellectual foundation leading to graduate work in a variety of fields.

Courses in support of the minor are available through Birmingham-Southern, the Sunoikisis program of the ACS, BACHE courses, and ACS affiliated overseas programs.

Language placement level will be determined in consultation with classics faculty.

Major Requirements

No major is offered in classics.

Minor Requirements

Minor in Classical Civilization

The following courses are required (6 units):

two units of either Greek or Latin

four elective units in classical language, literature, archaeology, art, history, philosophy or culture from the following:

any additional GK or LA course

ARH 215, ARH 311, CL 211, CL 301, EH 280, PL 251

senior interim (499) study in Greece or Italy when there is substantial focus on classical antiquity

courses in Latin and archaeology available through the ACS Sunoikisis program

relevant courses available through the BACHE program with approval from the classics faculty

Minor in Latin

The following courses are required (5 units):

four units in Latin at the 200 level or above

one elective unit in CL language, literature, archaeology, art, history, philosophy or culture from the following:

ARH 215, ARH 311, CL 211, CL 301, EH 280, PL 251

courses in Latin and archaeology available through the ACS Sunoikisis program

relevant courses available through the BACHE program with approval from the classics faculty

No more than two courses in the BACHE program may be counted toward any classics minor.

Courses available through the ACS Sunoikisis program (www.sunoikisis.org)

Latin

ICLAT 392 Literature of the Late Republic
 ICLAT 393 Literature of the Neronian Period (Fall 2005)
 ICLAT 393 Literature of the Early Empire (Fall 2001)
 ICLAT 394 Literature of the Roman Empire, 70-180 C.E.
 ICLAT 395 Literature from Late Antiquity and the Medieval Period
 ICLAT 391 Literature from the Early Republic

Archaeology

IC Arch 111

Study-travel opportunities available through the Sunoikisis program may also count towards the minor.

Courses in Classics

CL 150 Urbanism and the City in Antiquity (1)

Introduces students to the historical development of the urban environment in major Mediterranean cities of classical antiquity and the social, economic and political priorities expressed through them. The course examines whether Birmingham exhibits similar priorities through its history, and the potential developments Birmingham may experience in the future. (Satisfies Disciplinary Foundations requirement in humanities.)

CL 211 Mythology (1)

A survey of the myths of Greece and Rome with a view toward their religious, historical, and literary development. (Satisfies Disciplinary Foundations requirement in literature or humanities; an IC designated course.)

CL 293, 393, 493 Independent Study in Classics (½ or 1)

Directed study for advanced students. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

CL 298, 398, 498 Teaching Experience in Classics (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

CL 301 Greek Civilization (1)

A survey of the history, literature, and art of the Greeks from their beginning to Alexander the Great. (Satisfies Disciplinary Foundations requirement in humanities; an IC designated course.)

Courses in Greek

GK 101 Elementary Greek I (1)

An introduction to the basic forms and fundamental syntax of Attic Greek. Prerequisite: consent.

GK 102 Elementary Greek II (1)

A continuation of elementary Greek with special emphasis on the verb. Prerequisite: GK 101.

GK 245 Directed Greek Readings (1)

Independent reading of elementary authors suited to student need and interest. (May be taken more than once for credit.) (Satisfies Disciplinary Foundations requirement in literature or humanities.)

GK 333 Greek Across the Curriculum (¼)

Directed readings in the language in conjunction with a course in another discipline. May be taken more than once for credit providing that the disciplinary course is different.

GK 445 Directed Greek Readings (1)

Independent reading of more advanced authors suited to student need and interest. (May be taken more than once for credit.) (Satisfies Disciplinary Foundations requirement in literature or humanities.)

*Courses in Latin***LA 101 Elementary Latin I (1)**

An introduction to the basic forms and grammar of classical Latin. The first semester emphasizes the forms of nouns and verbs and their use in simple sentences and clauses. Prerequisite: consent. Fall.

LA 102 Elementary Latin II (1)

A continuation of the material of Latin I with an emphasis on complex sentences and clauses, rhetorical practices, and the reading of continuous Latin. Prerequisite: LA 101. Spring.

LA 201 Fundamentals of Latin Grammar (1)

A review of the fundamentals of grammar designed primarily for students who have had only one or two years of language on the high school level.

LA 245 Directed Latin Readings (1)

Independent reading of elementary authors suited to student need and interest. (May be taken more than once for credit.) (Satisfies Disciplinary Foundations requirement in literature or humanities.)

LA 333 Latin Across the Curriculum (¼)

Directed readings in the language in conjunction with a course in another discipline. May be taken more than once for credit providing that the disciplinary course is different.

LA 445 Directed Latin Readings (1)

Independent reading of more advanced authors suited to student need and interest. (May be taken more than once for credit.) (Satisfies Disciplinary Foundations requirement in literature or humanities.)

Computer Science (CS)

Science and Mathematics

Marietta Cameron, Lewis Patterson, Richard S. Turner

Major Requirements

No major or minor is offered in computer science

Courses in Computer Science

CS 170 Introduction to Computing (1)

An introduction to the field of computer science. Topics include computing concepts and terminology. A major part of this course is problem solving and algorithm development using a programming language such as Pascal, Java, or C++. Not open to students who have received credit for CS 171. Prerequisite: MA 115 or equivalent. Fall, Spring.

CS 171 Computers and the Mind's Eye (1)

An overview of the discipline of computer science and its contributions to and from other disciplines including (but not exclusively) art, mathematics, physics, psychology, and philosophy. This course introduces problem solving via the computer by using tools and concepts from computer visualization and provokes thought on how various results from computing redefine perceptions of art and intelligence. Not open to students who have received credit for CS 170. Prerequisite: MA 115 or equivalent. Fall, Spring.

CS 250 Advanced Programming (1)

A second programming course assuming a good understanding of fundamental programming processes. Emphasis is placed on good software engineering practices. Basic data structures are introduced. Prerequisite: CS 170 or 171. Fall, Spring.

CS 290 Data Structures (1)

A study of structures for storing and manipulating data. Students learn to create and use such data structures as stacks, lists, trees, and graphs. Prerequisite: CS 250. Fall, Spring.

CS 293, 393, 493 Independent Study in Computer Science (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

CS 298, 398, 498 Teaching Experience in Computer Science (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

CS 300 Systems Programming (1)

An introduction to assembly language programming with the goal of better understanding how computers operate. Prerequisite: CS 250.

CS 310 Alternative Programming Languages (1)

A study of languages from several categories such as functional, imperative, logical, and specialized. The student writes intermediate-level programs in each language. Prerequisite: CS 290.

CS 330 Systems Analysis (1)

The design of large-scale computer-based systems, with examples from major application areas.
Prerequisite: CS 290.

CS 360 Programming Languages (1)

A study of the manner in which the various categories of programming languages deal with the fundamentals of programming. Prerequisite: CS 290.

CS 380 Introduction to Computer Organization (1)

Introduction to organization and structure of major hardware components of computers, the mechanics of information transfer and control within a digital computer system, and the fundamentals of logic design. Prerequisite: CS 250.

CS 390 Automata, Computability, and Formal Languages (1)

A study of the theory of computer science. Topics include such areas as computability, computational complexity, and formal languages. Prerequisites: CS 250 and MA 240.

CS 420 Database Management Systems (1)

A course in the design, function, and application of database systems. Prerequisite: CS 250.

CS 425 Selected Topics in Computer Science (1)

A focused study within a specific sub-discipline of computer science. With the permission of the computer science faculty, students may enroll more than once for credit, providing that the focus of the course is different. Prerequisite: MA 240.

CS 430 Data Communications (1)

An introduction to such topics as communications hardware, protocols, networks, and communication software design. Prerequisite: CS 290.

CS 440 Introduction to Computer Graphics (1)

An introduction to the terminology, standards, and basic algorithms in computer graphics. Topics include image transformations, projections from 3D to 2D, curve and surface modeling and threedimensional viewing. Prerequisites: CS 290, and MA 231 and 240.

CS 460 Operating Systems and Architecture (1)

An introduction to operating systems, system architecture, and their relationships. Prerequisite: CS 250.

CS 465 Artificial Intelligence (1)

An introduction to topics such as cognitive modeling, automatic problem solving, natural language processing, and robotics. Prerequisites: CS 290 and MA 240.

CS 480 Compilers (1)

A study of the theory and function of compilers for high-level languages. Prerequisites: CS 290 and MA 240.

CS 499 Senior Project in Computer Science (1)

An in-depth research project that brings to bear the student's accumulated knowledge and skills in computer science. This substantial endeavor may include some combination of the following: computer programs, papers, oral presentations, and community projects. Evaluation is based on successful completion of the objectives outlined by instructor and student at the beginning of the term. As part of the senior interim experience, all students are required to participate in an assessment process. This may include, but is not limited to, a standardized test, an exit interview, an oral examination, or some combination of the above. Prerequisite: senior standing or consent.

Dance (DA)

Fine and Performing Arts

Bachelor of Arts

*Ruth S. Henry**Major Requirements*

No major or minor is offered in dance

*Courses in Dance***DA 100 The World of Dance (1)**

Introduces dance as an art form and as entertainment. Topics include a historic overview of the beginnings of dance in Greece, Rome, Italy, and France up to the 1700s, and the evolutions of the major genres, including ballet, modern, jazz, theatre dance, and dance in world cultures. The course also includes basics in body awareness and injury prevention as they relate to dance movement. (Satisfies Disciplinary Foundations requirement in history, appreciation, or theory of dance.) Spring.

DA 101 Basic Ballet (½)

A study of the basic principles and techniques of classical ballet. May be repeated for credit. Fall, Spring.

DA 102 Jazz Dance (¼)

A course in the basic elements of jazz dance for the nonmajor. May be repeated for credit. Fall, Spring.

DA 103 Basic Modern Dance (¼)

Basic elements of modern dance for the non-major. May be repeated for credit. Fall, Spring.

DA 110 Basics of Choreography (¼)

A course in the basic aspects of choreography: design, sources of subject matter, musical form as related to dance, selection of music, casting and rehearsal techniques. Coursework culminates in a public performance at the end of the fall term. Students who participate in the fall performance must be registered in this course. All performance groups are overseen by the faculty and selected by the choreographers based on the particular needs of the performance. Students will audition for specific groups. This course is required of all dance majors, dance scholarship students, and students who plan to be choreographers for DA 209, 210, 211. Prerequisite: consent. Fall.

DA 201 Ballet Technique (½)

A study of ballet technique for dancers who have some prior dance training but who are not advanced enough for DA 301. May be repeated for credit. Fall, Spring.

DA 202 Jazz Dance (¼)

Techniques of jazz dance. May be repeated for credit. Prerequisite: consent. Fall.

DA 203 Modern Dance (¼)

Techniques of modern dance. May be repeated for credit. Prerequisite: consent. Fall, Spring.

DA 204 Tap Dance (¼)

Basic elements of tap dance for the non-major. May be repeated for credit. Spring.

DA 205 Summer Dance Seminar: Jazz Dance (½)

A workshop in dance forms focusing on jazz dance techniques. For dance majors and minors, this course may substitute for ¼ unit of the jazz unit requirement or ¼ unit of the additional elective unit in jazz. For non-majors, this course satisfies ½ unit of Skills Foundations requirement in the practice of a creative or performing art. Summer.

DA 209, 210, 211 Student Choreography Workshop (¼)

Participation in all aspects of a dance production: choreography, performance, direction, lighting design, etc. Coursework culminates in a public performance during the fall or spring term. Dance majors, scholarship students, and students enrolled in DA 401 are required to perform or choreograph at the discretion of the dance faculty if cast. All performance groups are overseen by the faculty and selected by the choreographers based on the particular needs of the performance. Students will audition for specific groups. Prerequisite: consent.

DA 293, 393, 493 Independent Study in Dance (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

DA 298, 398, 498 Teaching Experience in Dance (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

DA 301 Intermediate Ballet Technique (1)

The study of the intermediate level of classical ballet technique, including *pointe* work. Placement in courses is determined by previous training and not by the year in residence. May be repeated for credit. Prerequisite: consent. Fall, Spring.

DA 303 Classical Ballet Repertoire (¼)

Introduction to standard classical ballet repertoire. May be repeated for credit. Prerequisite: consent. Fall, Spring.

DA 310 Dance Performance (¼)

Participation in dance performances. All performance groups are overseen by the faculty and selected by the choreographers based on the particular needs of the performance. Students will audition for specific groups. At the discretion of the dance faculty, this course is required of all students enrolled in DA 401 and all scholarship students if cast. This course may require participation in the interim term immediately prior to the semester the works are performed. May be repeated for credit. Prerequisite: consent. Spring.

DA 350 Dance History I (1)

A study of the history of dance, especially in western culture (an IC designated course). Prerequisites: senior standing, dance major, or junior standing with consent. Fall.

DA 351 Dance History II (1)

A continuation of DA 350. Prerequisite: DA 350. Spring.

DA 401 Advanced Ballet Technique (1)

Advanced techniques of classical dance, including *pointe* work. Placement in courses is determined by previous training and not by the year in residence. May be repeated for credit. At the discretion of the dance faculty, students must also be enrolled in DA 209, 210, 211, or 310 if cast. Prerequisite: consent. Fall, Spring.

DA 410 Dance Pedagogy I (½)

A study of concepts and techniques of teaching dance, with emphases on observation and participation. Students must also be enrolled in DA 301 or 401. Prerequisites: senior standing, dance major, or junior standing with consent. Fall.

DA 411 Dance Pedagogy II (½)

A continuation of DA 410. Prerequisite: DA 410. Spring.

DA 499 Senior Project in Dance (1)

A capstone experience in dance that involves fulfillment of four aspects: daily technique class and rehearsal, biweekly courses on anatomy and injury prevention, weekly papers and journals, and a research paper during Interim. These four aspects culminate in a public performance of a choreography project or lead role in a substantial work for DA 110, DA 210, DA 211, or DA 310 Dance Concert. Interim.

Economics (EC)

Bachelor of Science

Behavioral and Social Sciences

Paul Cleveland, Jason N. Dunick, Sara Robicheaux, Kathleen Greer Rossmann

Economics uses a small set of powerful and flexible tools to understand trades: trades between producers and consumers, trades between workers and employers, trades between investors and firms, trades among banks, trades between one generation and the next, trades between countries, and the taxation and regulation of trades. Further, economics considers issues associated with equity and property rights.

Progressing through a major in economics means acquiring a deepening understanding of the small set of basic tools of economics: understanding their usefulness, their limitations, and the details of their application to important issues. An economics major is a firm foundation for a career in public policy analysis, banking, finance, market analysis, business management, or teaching, and for graduate study in economics, business, public policy, and law.

The core courses in both the major and the minor are two introductory courses (EC 201 and 202) and two intermediate courses (EC 308 and 309). Introductory courses in calculus and statistics are also required for the major. It is recommended that these six courses be completed prior to taking others in the major, and introductory calculus should be completed prior to taking Microeconomics (EC 309).

It is also possible to complete an interdisciplinary major in philosophy-politics-economics. The interdisciplinary major is designed to enable students to deal more adequately with the broad range of questions raised by contemporary social, economic and political issues. For more information see the Interdisciplinary Major Requirements section of this catalog.

Students completing the economics program should, at minimum, understand the following:

- (a) The fundamental principles and language of economics.
- (b) The usefulness of economic modeling as a tool of rigorous analysis.
- (c) The nature of trade and how markets function to facilitate it.
- (d) The role of economic theory in the examination of public policy issues.
- (e) The economic impact of actions taken by individuals, firms, governments, and other groups and organizations.

Major Requirements

The following courses are required (13 units):

EC 201
 EC 202
 EC 204 or MA 207
 EC 308
 EC 309
 six additional units in EC at the 300 level or above (other than EC 498 and 470); BA 372 and BA 474
 are acceptable in fulfilling this requirement
 EC 470
 MA 231

Minor Requirements

The following courses are required (5 units):

EC 201 and 202
 three elective units in EC at the 300 level or above

Internships, interim projects, service-learning, and teaching experience may not count toward the minor.

*Courses in Economics***EC 201 Principles of Economics I (1)**

A general introduction to economics with emphasis on macroeconomic aspects: national income determination, monetary and fiscal policy. Fall, Spring.

EC 202 Principles of Economics II (1)

A general introduction to economics with emphasis on microeconomic aspects: the economic principles underlying price, production, distribution of income, and related problems. Fall, Spring.

EC 204 Survey Data Analysis and Statistics (1)

Theory and practice in formulating hypotheses and evaluating them by analyzing secondary sources of data with statistical analysis software. Emphasis is placed on data management, data analysis, the use of appropriate statistics, and the interpretation of statistical output. Though intended as a prerequisite for EC 304, PS 304 or SO 304, this course can help any student develop analytical skills. Laboratory required. (Also listed as PS 204 and SO 204, this course may be counted for credit in economics, political science or sociology.) Prerequisites: EC 201 or EC 202 or PS 101 or SO 101; and MA 115 or above. Fall.

EC 293, 393, 493 Independent Study in Economics (½ or 1)

Directed study for advanced students in the major. Coursework may include supervised reading, fieldwork, written reports, or analysis of theoretical and practical problems. One independent study course (at the 300 level or above) may count towards the economics major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

EC 298, 398, 498 Teaching Experience in Economics (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog. Open to sophomores, juniors, or seniors with consent of major advisor.

EC 303 Money and Banking (1)

A study of the financial intermediary and payments system of the United States; operations, supervision and history of commercial banks; the Federal Reserve System and its control of the money supply; the economy of the United States and the influence thereon of monetary policy; the international payments system; money and capital markets. Prerequisite: EC 201.

EC 304 Research Methodology (1)

The scientific method applied to economic, social and political phenomena: formulating hypotheses; techniques for collecting data, measuring variables, and interpreting research findings. The course includes a laboratory in which statistical procedures are applied, interpreted, and documented through completion of a significant research project. Laboratory required. (Also listed as PS 304 and SO 304, this course may be counted for credit in economics, political science or sociology.) Prerequisite: EC 204 or PS 204 or SO 204. Spring.

EC 305 Comparative Economic Systems (1)

The examination and analysis of alternative economic systems in theory and practice. Particular attention is paid to the economic structure, regulatory policies, fiscal and monetary policies of various nations which are committed to rival doctrines of economic organization. Prerequisites: EC 201 and 202.

EC 308 Macroeconomics (1)

A study in depth of the aggregates of economic society: Gross National Product, national income, personal income; the balance of savings and investment; economic stability; economic growth. Prerequisites: EC 201 and 202. Fall.

EC 309 Microeconomics (1)

A survey of contemporary theory concerning consumption, production, demand, supply; market price under competition and monopoly; factor prices; wages, interest, rent; the concept of profits. Prerequisites: EC 201, 202 and MA 231. Spring.

EC 311 Quantitative Analysis for Business and Economics (1)

Selected methods and techniques related to managerial choice and administrative decision making. The course is strongly recommended for majors. (Also listed as BA 311). Prerequisite: MA 207 or 231. Fall, Spring.

EC 312 Trade in the Americas (1)

An examination of the expansion of commercial trade between the countries of the Americas. The course will develop the basic principles of economic analysis and will focus on the growth of international trade in the Americas. Specific attention will be given to the various negotiated trading agreements, and an examination of the institutions associated with international commerce will be provided. Prerequisites: EC 201 and 202. Spring.

EC 315 Managerial Economics (1)

A study of the fundamental concepts of managerial economics, including analysis of market conditions and demand, market structure and pricing strategies, production conditions and costs, value maximization and fixed capital investment decisions, together with relevant analytical and empirical methods. Prerequisites: EC 201 and 202, and MA 207.

EC 340 Economics of Natural Resources and the Environment (1)

An examination of the economic theory of natural resource use and the environment. Prerequisite: EC 202.

EC 402 Public Choice (1)

Government expenditures and revenues, the shifting and incidence of taxation, public debt, fiscal and monetary policies. Prerequisites: EC 201 and 202.

EC 410 International Trade (1)

The theory of international trade, balance of payments, international financial institutions, the structure of trade, international impacts on income distribution, trade policy including protection and regulation. Prerequisites: EC 201 and 202.

EC 414 Investments (1)

A study of various financial instruments and investment theories. The primary objective of this course is to develop analytical tools for making investment decisions and to learn practical applications of investment theory. These tools facilitate portfolio selection and the relationship between risk and return. The application of these tools leads to an understanding of stocks, bonds, options and mutual funds. (Also listed as BA 414.) Prerequisite: BA 372. Spring, every other year.

EC 415 Capital Theory (1)

Examines the theories of capital and financial markets. The course considers the purpose and function of capital in the economy and examines the impact of various government policies on such markets, as well as the various theories aimed at explaining how financial markets function in practice.

EC 420 History of Economic Thought (1)

A study of the evolution of economic thought from Aristotle and Plato to New Keynesianism and Neoclassicism. Prerequisite: EC 201 or 202.

EC 425 Industrial Organization (1)

A course examining the economic behavior of producers in various situational settings. Prerequisite: EC 202.

EC 430 Economic Growth and Development (1)

A study of theories of economic growth, alternative approaches to development policy, and their applications in various developing countries or regions. Prerequisites: EC 201 and 202.

EC 435 Austrian Economic Theory (1)

A study of the underlying propositions which form the foundation of the Austrian tradition of economic analysis. Prerequisites: EC 201 and 202.

EC 470 Senior Project in Economics (1)

An independent research project that brings to bear the student's accumulated knowledge and skills in economics. A substantial paper and oral presentation to students and faculty are required. Students should initiate this project in the fall semester of their senior year. Prerequisite: senior standing and approval of research proposal by economics faculty. Fall.

EC 471, 472 Special Topics in Economics (1)

An in-depth exploration of contemporary research on selected topics. Topics vary according to the instructor's interests. This course is limited to advanced juniors and seniors who are majors or are interdisciplinary majors with an emphasis in economics.

Education (ED) (EPy)

Education

Bachelor of Arts, Bachelor of Fine Arts,
Bachelor of Music Education, Bachelor of Science*Clint E. Bruess, Louanne C. Jacobs, Genell Lewis-Ferrell, Kelly A. Russell, Amelia G. Spencer*

“Education is for improving the lives of others and for leaving your community and world better than you found it.”

—Marion Wright Edelman

The education department offers three certification programs for students wishing to pursue a teaching career: Elementary/Collaborative K-6, Secondary 6-12, and Arts P-12. The Elementary/Collaborative Education program offers students dual certification endorsement in both elementary and special education. Secondary and Arts candidates receive a degree in their subject area and take a series of education courses to complete the College’s state-approved Teacher Education Program (TEP).

Non-certification education majors include the educational services major and the religion-education interdisciplinary major. The Educational Services major prepares students for education-related careers or to pursue graduate study in careers requiring advanced degrees. The religion-education interdisciplinary major is designed for students interested in pursuing a career in religious education. Requirements for the religion-education interdisciplinary major are listed in the Interdisciplinary Majors section of this catalog.

Teacher Education Program

The education department offers a elementary/collaborative major that leads to dual teacher certification in elementary and special education (K6); a program that leads to teacher certification in secondary education (grades 6-12) in the areas of biology, chemistry, English language arts, French, German, history, history/general social science, history/political science/general social science, math, physics and Spanish (612); and a program in art, and music in grades P12.

All of the College’s Teacher Education Programs are accredited by the National Council for Accreditation of Teacher Education and the Alabama State Department of Education.

Coursework and/or a degree accepted from institutions outside of the United States shall be substantiated by an evaluation of the foreign credentials from a state, federal, or private foreign credential evaluation service recognized by the Alabama State Department Office of Teacher Education and Certification.

Please note, Teacher Education Program requirements at Birmingham-Southern College are subject to change from the Alabama State Department of Education without notice. This includes requirements for entrance into the Teacher Education Program, continuation in the Teacher Education Program, program completion, and recommendation for certification.

Eligibility for the Teacher Education Program

Students pursuing teaching certification must apply and be admitted to the Teacher Education Program (TEP). Application forms include a signed Professional Behaviors Statement and a self-evaluation. Applications must be approved by the education faculty before students may enroll in 300- or 400-level courses in education.

The criteria for admission to and continuation in the Teacher Education Program are as follows:

- (1) Completion of at least 13 units of credit or the equivalent.
- (2) A grade point average of 2.50 or higher in professional studies (ED, EPy) and in the teaching field. Grades of "C" or higher in all courses in professional studies (ED, EPy). A grade of "C-" is not acceptable. Students cannot enroll in more than five professional education courses before admission or re-admission into the TEP.
- (3) Successful interview and ePortfolio review with two or more members of the faculty, including completion of a writing sample.
- (4) Evidence of teaching aptitude as demonstrated by successful completion of ED 199 or 299 Exploring Teaching, and ED 201 or EPy 260.
- (5) A passing score on all sections of the Alabama Prospective Teacher Basic Skills Assessment Test.
- (6) Successfully complete a background review (fingerprinting).

Field Experiences and Clinical Practice

Students enrolled in the Teacher Education Program participate in three levels of field experiences. The first level involves primarily observation, typically done in education courses at the 200 level and/or exploratory experiences during interim. The second level involves working with children and youth in a specified area such as reading, mathematics, social studies, science, etc. These are completed in the methods courses within a major. The third and most in-depth experience is clinical practice (student teaching), a series of placements in two or more schools for a minimum of a full semester. Clinical practice measures a student's synthesis of all previous coursework.

Application for Clinical Practice

Teacher candidates must make formal application for clinical practice. The student's application must be approved by the education faculty prior to the term when teacher candidates expect to begin the teaching internship. The criteria for approval to student teach are as follows:

- (1) A cumulative grade point average of 2.50 or higher in professional studies and in the teaching field.
- (2) Grades of "C" or higher in all courses in professional studies. A grade of "C-" is not acceptable.
- (3) A satisfactory interview and ePortfolio review, with two or more members of the faculty to assess performances in field experiences.

- (4) A minimum passing score set by the Alabama State Department of Education on the PRAXIS II test appropriate to the subject field and grade level for which certification is sought.

Eligibility for the Teaching Certificate

The education faculty may need to change requirements in the Teacher Education Program in order to comply with regulations and policies of the Alabama State Board of Education, which grants the teaching certificate. Students should consult a faculty advisor or the certification officer in education concerning current certification requirements.

To be eligible for a teaching certificate a student must complete an approved course of study in one of the following programs:

Elementary/Collaborative Education Program K-6
 Secondary Education Program 6-12
 Visual Art P-12
 Music education P-12

Each program has four components: general studies, professional studies, internship/student teaching, and teaching field/major studies. Completion of the Teacher Education Program is necessary, but not sufficient, for recommendation for a teaching certificate. A student must also satisfy the following conditions:

- (1) Completion of the College's graduation requirements.
- (2) Achieve a minimum 2.50 cumulative grade point average in professional studies and in the teaching field with no grade below "C" in professional studies. A grade of "C-" is not acceptable.
- (3) Demonstrate proficiency in teaching by achieving a grade of "B-" or better in all student teaching internships.
- (4) Pass written comprehensive examinations on knowledge of the field(s) and knowledge of professional education practices.

Elementary/Collaborative Education (Bachelor of Science)–Professors Bruess, Jacobs, Lewis-Ferrell, Russell, and Spencer, Advisors

The major in elementary/collaborative education prepares students to teach children in grades kindergarten through 6. The program leads to recommendation to the Alabama State Department of Education for Class B teaching certificates in Collaborative Teacher and in Elementary Education K-6.

I. General Studies

Students must complete the Foundations Curriculum Requirements of the College. Additional courses in mathematics, English language arts, social science, and science are also required to meet state certification requirements.

II. Professional Studies (8 units)

ED 199 or 299 Exploring Teaching
 ED 201 Introduction to Education

ED 210 Curriculum Design
 EPy 223 Human Growth and Development
 EPy 260 Survey of Exceptional Children
 EPy 320 Educational Psychology
 ED 470 Seminar in Teaching Technology
 ED 471 Education Seminar

III. Teaching Field and Major Studies (9 units)

ED 219 Creative Arts in Teaching
 ED 315 Reading I: Developmental Reading
 ED 316 Reading II: Reading Practicum
 ED 317 Teaching Social Studies
 ED 318 Children's Literature
 ED 320 Teaching Mathematics
 ED 324 Teaching Science and Health
 ED 360 Methods and Materials for Teaching Students with Special Needs
 ED 472 Research in Education

IV. Internship (4 units)

ED 410 Internship II (1 ½ units)
 ED 411 Internship III (1 ½ units)
 ED 499 Internship I (1 unit)

Secondary Education (Bachelor of Arts or Bachelor of Science, according to major)–Professor Jacobs, Advisor

The Secondary Education program leads to recommendation to the Alabama State Department of Education for Class B certification for grades 6 through 12. Candidates for this certificate must complete coursework in general studies, professional studies, teaching field, internship, and a major. They may seek single certification or comprehensive certification. Single certification is available in biology, chemistry, French, German, history, mathematics, physics, and Spanish. Comprehensive certification is available in English Language Arts and General Social Science.

I. General Studies

Students must complete the Foundations Curriculum Requirements of the College.

II. Professional Studies (7 units)

ED 199 Exploring Teaching
 ED 201 Introduction to Education
 EPy 223 Human Growth and Development
 EPy 260 Survey of Exceptional Children
 EPy 320 Educational Psychology
 ED 470 Seminar in Teaching Technology
 ED 471 Education Seminar

III. Teaching Field (2 units)

ED 319 Teaching Secondary Reading
 ED 323 Teaching Secondary Subjects (¾ units)
 ED 340-346 Methods for Teaching, according to teaching field (¼ units)

IV. Internship (3 units)

ED 412 Internship IV (1 ½ units)

ED 413 Internship V (1 ½ units)

V. Major Studies

Students must complete a teaching program or programs approved by the College. The options for teaching certification programs are listed below:

A. Single major certification

A student may select a single major in biology, chemistry, French, German, history, mathematics, physics, or Spanish. The requirements for these majors are listed under their respective disciplines in this catalog.

B. Comprehensive certification

A student may pursue comprehensive certification in English Language Arts or General Social Science. Current Alabama Department of Education course requirements for these programs are available from the Education office in Harbert 116. The two comprehensive certification options include:

English Language Arts (grades 6-12). Students can major in English or English-theatre arts. This comprehensive certification includes courses in English, speech, and theatre.

General Social Sciences (grades 6-12)

Students can major in history or history-political science. This certification includes courses in history, geography, government, political science, sociology, and economics.

The P-12 Grade Certification Programs in Art, and Music

All three of the P-12 programs are designed to prepare candidates to teach their respective subjects at any grade level, preschool through grade 12. Upon completion of one of the programs outlined below, candidates will be eligible for a Class B, Preschool-12 Teaching Certificate.

Visual Arts Teaching Certification (Bachelor of Arts or Bachelor of Fine Arts, according to major)–Professor Cole, Advisor

Students who wish to teach visual arts in the public schools may add teaching certification requirements to a degree in art.

I. General Studies

Students must complete either the B.A. or B.F.A Foundations Curriculum Requirements of the College.

II. Professional Studies (13 units)

ED 199 Exploring Teaching

ED 201 Introduction to Education

EPy 223 Human Growth and Development

EPy 260 Survey of Exceptional Children

EPy 320 Educational Psychology ED 319 Teaching Secondary Reading

ED 470 Seminar in Teaching Technology

ED 471 Education Seminar

III. Teaching Field (3 units)

ED 219 Creative Arts in Teaching

ED 319 Teaching Secondary Reading

ED 323 Teaching Secondary Subjects ($\frac{3}{4}$)ED 344 Methods for Teaching Visual Arts in Secondary Schools ($\frac{1}{4}$)

IV. Internship (3 units)

ED 414 Internship VI

ED 415 Internship VII

V. Major Studies

Students must complete the requirements for the B.A. or B.F.A degree requirements as listed in the Art section of this catalog. (At least 19 hours of courses must be at the 300 level or above for certification.)

Music Education (Bachelor of Music Education)

Candidates for the Preschool-12 Teaching Certificate in Music Education must complete requirements for the Bachelor of Music Education degree as listed in the music section of this catalog.

Educational Services Major (Bachelor of Arts)–Professor Bruess, Advisor

The Educational Services major provides students who plan on working in related careers in industry, business, community service or government the opportunity to major in education. Majors may also plan to pursue graduate studies in careers requiring advanced study, such as special education, library science, human resources, counseling and guidance, or administration in higher education.

In addition to the Foundations Curriculum Requirements of the College, students who wish to acquire a major in educational services without a teaching certificate must complete the following courses (14 units):

ED 201 Introduction to Education

ED 210 Curriculum Design

EPy 223 Human Growth and Development

EPy 260 Survey of Exceptional Children

EPy 320 Educational Psychology

ED 499 Senior Interim Project in Educational Services

three units of education methods courses:

- one unit from ED 219 or 318 (these courses focus on the young child)

- one unit from ED 317, 320, or 324 (these courses focus on the upper elementary age child)

- one unit from ED 319 or 323 and one of the 340 series labs (these courses focus on the secondary school age child)

five additional units in a supporting area (other than education). Students will select a supporting area made up of five units approved by an academic advisor(s) in the designated area and the education faculty.

Physical Activity Courses

Physical activity courses may not be repeated for credit. Student athletes may not take an activity course for credit in the sport in which they participate, and they may not receive credit for ED 121 Strength Training. Individually designed contracts for physical activity courses must meet similar academic requirements as regularly offered physical activity courses.

If an appropriately qualified student wishes to serve as a student assistant for a physical activity course, the student should follow the procedures for teaching experience courses. This student will not register for the activity course, but for ½ unit of ED 298, 398, or 498.

ED 111 Golf I (¼)

Introduces students to the basic skills and fundamentals of playing golf. Students with little or no experience in playing golf may be expected to use this sport as a personal wellness and fitness activity upon the completion of this course. This course may not be repeated for credit. Not open to members of the golf team. Fall, Spring.

ED 112 Golf II (¼)

An advanced course for students who have reached a basic proficiency level for playing golf. The course will increase strategies in shot making and skills in playing different strokes as well as contribute to students' physical and mental health. This course may not be repeated for credit. Not open to members of the golf team. Prerequisite: ED 111. Fall, Spring.

ED 121 Strength Training (¼)

Provides students the opportunity to acquire knowledge and skill in weight training. Students benefit from increased fitness in the areas of cardiovascular, neuro-muscular coordination, balance, flexibility, muscular endurance, and overall improved muscle tone. This course may not be repeated for credit. Student athletes may not take for credit. Fall, Spring.

ED 126 Tennis I (¼)

Provides students the opportunity to develop proficiencies in game skills, knowledge of rules, selection and care of equipment, tennis etiquette, and strategy. In addition to these proficiencies, students are expected to develop basic analytical skills. This course may not be repeated for credit. Not open to members of the tennis team. Fall, Spring.

ED 127 Tennis II (¼)

An advanced course for students who have reached a basic proficiency level for playing tennis. Students are expected to improve both skills and strategies in playing tennis and to improve their strength, agility, and stamina. This course may not be repeated for credit. Not open to members of the tennis team. Prerequisite: ED 126. Fall, Spring.

ED 128 Racquetball (¼)

Introduces racquetball as a lifetime sport and wellness activity. Students will learn the basic skills, rules, and etiquette of playing the game. This course may not be repeated for credit. Fall, Spring.

ED 129 Basketball (¼)

Provides students an opportunity to develop the basic skills and fundamentals of basketball. Students will learn the rules of the game as well as terminology and strategies. Not open to members of the men's and women's basketball teams. This course may not be repeated for credit. Fall, Spring.

*Courses in Education***ED 199, 299 Exploring Teaching (1)**

A field-based interim project that requires observation and participation in classrooms at the elementary, middle-school, or high-school level. Specific requirements are listed in the Interim Term Bulletin, which is published every fall. Interim.

ED 201 Introduction to Education (1)

This course provides an overview of American Education in both public and private settings. Students consider multiple aspects of education, including teaching as a profession, historical foundations of education, philosophical foundations of education, trends and issues in schools and teaching, issues of diversity and multicultural education, and the future of education. In addition, numerous social (quality of life) issues of importance to teachers, students and society in general are addressed. Laboratory required. Fall, Spring.

ED 210 Curriculum Design (1)

Introduces the principals of curriculum design and development, including learning theory, instructional strategies, lesson planning, classroom management, assessment approaches; and process, determinants, and organization of curricula found in public and private schools. This course includes working with children with special needs. Prerequisite: at least one year of college coursework (a Leadership Studies designated course). Spring.

ED 219 Creative Arts in Teaching (1)

Provides pre-service teachers with techniques for integrating music, art, drama, and movement into classroom instruction in grades K-6. Laboratory required. Prerequisite: at least one year of college coursework. Fall.

ED 293, 393, 493 Independent Study in Education (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

ED 298, 398, 498 Teaching Experience in Education (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

ED 315 Reading I: Developmental Reading (1)

Provides a framework to make appropriate decisions regarding the planning, implementation, and the assessment of instruction in the teaching of reading and the language arts for all learners in K-6 classrooms. Teacher candidates will carefully examine components of a balanced literacy program based on best practices rooted in research and current thinking about how children become literate. Instruction will be based on Standards for Reading Professionals developed by the International Reading Association and the National Council of Teachers of English Standards for the English language arts. This course includes working with special needs learners. Laboratory experiences in area K-6 schools include tutoring, small group instruction, and whole group instruction. Concurrent enrollment in ED 318 is recommended. Laboratory required. Prerequisites: admission to Teacher Education Program and ED 210. Fall.

ED 316 Reading II: Reading Practicum (1)

Expands upon theory, principles and practices developed in ED 315 and 318. A focus on content area reading, study skills, and the use of technology in the teaching of reading and the language arts is developed. Extensive laboratory experiences in area K-6 schools include tutoring, small group instruction, and whole group instruction. This course includes working with special needs learners. Concurrent enrollment in ED 318 is recommended. Laboratory required. Prerequisites: admission to Teacher Education Program and ED 315. Spring.

ED 317 Teaching Social Studies (1)

Provides teacher candidates with philosophy, content knowledge, techniques, and materials to assist them in the teaching of social studies in grades K-6. Responsible citizenship and the importance of multi-cultural education is stressed. Attention will be given to teaching children with special needs. Laboratory required. Prerequisite: admission to Teacher Education Program. Fall.

ED 318 Children's Literature (1)

Provides a framework to make appropriate decisions regarding the planning, implementation, and the assessment of literacy instruction using children's literature in the elementary classroom in all disciplines. This course allows the teacher candidate to explore books for children; the authors, illustrators, and poets who write for children; and the resources available for children's literature. The required laboratory experience in area K-6 schools provides a foundation for thematic teaching in the area of literacy learning. This course includes working with children with special needs. Concurrent enrollment in ED 315 is recommended. Laboratory required. Prerequisite: admission to Teacher Education Program. Fall.

ED 319 Teaching Secondary Reading (1)

Provides theories, methods, and materials necessary to teach reading in the content areas to students ages 9 through 16. Improvement and remediation of reading are emphasized in relation to middle and secondary school students. Laboratory required. Prerequisite: admission to Teacher Education Program. Spring.

ED 320 Teaching Mathematics (1)

Develops techniques, materials, and methods for teaching mathematics to children ages 5 through 12. Attention will be given to teaching children with special needs. Laboratory required. Prerequisite: admission to Teacher Education Program. Spring.

ED 323 Teaching Secondary Subjects (¾)

Designed for teacher candidates who seek certification at the secondary level, grades 6-12. Students develop strategies, techniques, methods, and materials necessary to direct learning within respective content areas. Teacher candidates are required to make decisions about their teaching fields in relation to planning, presenting, and assessing subject matter. Laboratory required. Prerequisites: enrollment in subject field methods course (ED 340-346) and admission to Teacher Education Program. Fall.

ED 324 Teaching Science and Health (1)

Provides teacher candidates with philosophy, content knowledge, techniques, and materials to assist them in the teaching of science and health to grades K-6. Attention will be given to teaching children with special needs. Laboratory required. Prerequisite: admission to Teacher Education Program. Spring.

ED 340 Methods for Teaching English Language Arts in Secondary Schools (¼)

Provides knowledge of current trends and issues in teaching English Language Arts in grades 6-12 classroom settings. Teacher candidates will demonstrate an ability to interrelate the teaching of listening, speaking, reading, and writing using a variety of instructional activities. Prerequisites: enrollment in ED 323 and admission to Teacher Education Program. Fall.

ED 341 Methods for Teaching Modern Foreign Languages in Secondary Schools (¼)

Provides knowledge of current trends and issues in teaching modern foreign languages (German, Spanish, French) in grades 6-12 classroom settings. Teacher candidates will demonstrate knowledge of strategies for teaching and evaluating language skills with appropriate attention to the integration of the foreign language skills. Prerequisites: enrollment in ED 323 and admission to Teacher Education Program. Fall.

ED 342 Methods for Teaching Mathematics in Secondary Schools (¼)

Provides knowledge of current trends and issues in teaching mathematics in grades 6-12 classroom settings. Teacher candidates will demonstrate knowledge of effective use of math manipulatives, inquiry, technology, a variety of teaching strategies that address the needs of students, a mathematics curriculum that integrates mathematical concepts across all disciplines, and co-curricular activities, such as mathematics tournaments and clubs. Prerequisites: enrollment in ED 323 and admission to Teacher Education Program. Fall.

ED 343 Methods for Teaching Social Studies in Secondary Schools (¼)

Provides knowledge of current trends and issues in teaching social science and social studies in grades 6-12 classroom settings. Teacher candidates will demonstrate knowledge of key concepts, generalizations, and methods of inquiry appropriate to the study of the target social science. Prerequisites: enrollment in ED 323 and admission to Teacher Education Program. Fall.

ED 344 Methods for Teaching Visual Arts in Secondary Schools (¼)

Provides knowledge of current trends and issues in teaching visual arts in grades 6-12 classroom settings. Teacher candidates will demonstrate knowledge of teaching and learning theories related to art education, professional literature, methods, and materials of contemporary art education including technology, fiscal management of an art program, and the role, responsibilities, and impact of various educational and community agencies on art education. Prerequisites: enrollment in ED 323 and admission to Teacher Education Program. Fall.

ED 345 Methods for Teaching Science in Secondary Schools (¼)

Provides knowledge of current trends and issues in teaching science in grades 6-12 classroom settings. Teacher candidates will show knowledge of and ability to create science lessons using multi-level strategies and methods including technology in the secondary classroom. Prerequisites: enrollment in ED 323 and admission to Teacher Education Program. Fall.

ED 360 Methods and Materials for Teaching Students with Special Needs (1)

A practical course on how to provide appropriate accommodations and modifications for instruction of children with special needs in a typical inclusive and/or non-typical classroom. Common areas of exceptionalities and assistive technology for grades K-6 will be addressed. Laboratory required. Prerequisites: at least three years of college coursework and admission to the Teacher Education Program. Fall.

ED 410 Internship II (1½)

Full-time teaching internship in grade K, 1, 2, or 3 for six weeks under supervision of a certified teacher and a college supervisor. Prerequisites: enrollment in ED 411 and 471 and admission to Teacher Education Program. Fall, Spring.

ED 411 Internship III (1½)

Full-time teaching internship in grade 4, 5 or 6 for six weeks under the supervision of a certified teacher and a college supervisor. Prerequisites: enrollment in ED 410 and 471 and admission to Teacher Education Program. Fall, Spring.

ED 412 Internship IV (1½)

Full-time teaching internship in grade 6, 7, 8 or 9 for six weeks under the supervision of a certified teacher and a college supervisor. Student must also enroll in ED 413 and ED 471. Prerequisites: enrollment in ED 413 and 471 and admission to Teacher Education Program. Fall, Spring.

ED 413 Internship V (1½)

Full-time teaching internship in grade 10, 11 or 12 for six weeks under the supervision of a certified teacher and a college supervisor. Prerequisites: enrollment in ED 412 and 471 and admission to Teacher Education Program. Fall, Spring.

ED 414 Internship VI (1½)

Full-time teaching internship in art in grades K-6 for six weeks under the supervision of a certified teacher and a college supervisor. Prerequisites: enrollment in ED 415 and 471 and admission to Teacher Education Program. Fall, Spring.

ED 415 Internship VII (1½)

Full-time teaching internship in art in grades 7 through 12 for six weeks under the supervision of a certified teacher and a college supervisor. Prerequisites: enrollment in ED 414 and 471 and admission to Teacher Education Program. Spring.

ED 470 Seminar in Teaching Technology (1)

Designed to help teacher candidates to apply technology, media, audio/visuals, and a variety of community resources to instruction in the classroom. Laboratory required. Prerequisites: at least three years of college coursework, and admission to Teacher Education Program. Fall.

ED 471 Education Seminar (1)

Designed to increase the competencies and knowledge base of the teacher candidate with regard to legal issues, crisis management, parent-teacher conferencing, ethical considerations, diversity, classroom management, and professional development. This seminar must be taken in conjunction with clinical practice. Prerequisites: at least three years of college coursework, and admission to Teacher Education Program. Fall, Spring.

ED 472 Senior Research Project in Education (1)

An advanced exploration of the practices and techniques of educational research focusing on the reading and writing of the background literature, conducting and analyzing selected action research, and preparing that information for public presentation. Each student will select an area of research that builds on experience from the student's field experiences and design essential questions. The class is seminar format. Prerequisite: admission to Teacher Education Program. Spring.

ED 499 Internship I (1)

A capstone experience in clinical practice that involves full-time assignment to a collaborative classroom or resource room for four weeks under the joint supervision of a certified teacher and two college supervisors. Students design, plan, and implement coordinated learning experiences for special-needs children, attend regular seminars, engage in independent conferences, and participate in the development of Individualized Education Programs for special-needs students. Students also prepare a notebook that includes assigned observations, school-related information, and a daily reflective journal. Prerequisites: at least three years of college coursework and approval for student teaching internship. Interim.

ED 499p Senior Project in Educational Services (1)

A research project for the educational services major, pursued independently or corporately, that demonstrates the student's accumulated knowledge in the discipline. A substantial paper is required. Prerequisite: at least junior standing. Interim.

*Courses in Educational Psychology***EPy 223 Human Growth and Development (1)**

Theories of human growth and development to help students understand the mental, social, and emotional patterns of development from conception to adulthood. Laboratory required. Fall, Spring.

EPy 260 Survey of Exceptional Children (1)

The role and scope of educational programs for exceptional children including etiology, identification, and incidence. An overview of how individualized programs are developed and planned is also included. Laboratory required. Fall, Spring.

EPy 320 Educational Psychology (1)

Theories and practices in human learning to help students develop an understanding of the nature of learning as applied in nursery schools, kindergartens, elementary grades, and high school grades. Emphasis is placed on the development and implementation of assessment systems and the professional use of standard tests and measures. Laboratory required. Prerequisite: admission to Teacher Education Program. Fall, Spring.

English (EH)

Humanities

Bachelor of Arts

Kent Andersen, Jane Archer, Frederick Ashe, Clare Emily Clifford, William Tynes Cowan, Susan K. Hagen, Emily Klein, Michael L. McInturff, Sandra L. Sprayberry, John D. Tatter, David W. Ullrich

The courses offered by the English faculty serve a twofold purpose: to teach students to formulate and articulate their thoughts clearly and effectively in both our spoken and written language, and to help students develop a critical understanding of work by writers of American, British, and world literature.

The English faculty understands that students come to the study of English with diverse interests and motives. Therefore, with faculty guidance, a student majoring in English may design a course of English study to satisfy those interests while maintaining some of the depth and breadth of study traditionally expected in the discipline. Such subjects as gender studies, ethnic literature, literature in various interdisciplinary contexts, literary history, literary theory, and the teaching of English suggest possible emphases.

The study of literature provides students with an appreciation of various responses of men and women to the human condition; in addition, the study of English serves as a humane preparation for careers in fields such as teaching, law, medicine, government service, journalism, and publishing. Students considering graduate study in English should consult with a member of the English faculty as soon as possible to plan the most appropriate course of study.

All literature courses satisfy the Disciplinary Foundations requirement in literature; however, students are encouraged to satisfy that requirement by choosing from courses numbered 200-295. Writing courses do not satisfy this requirement.

Creative writing courses, such as EH 205 and EH 307, satisfy the Skills Foundations requirement in the practice of a creative art.

Sequential numbering within 200- and 300-level courses does not represent a graduating scale of difficulty.

Neither credit by examination in the AP and IB programs, nor individualized educational experiences (such as individual contracts, internships, or tutorials) fulfill general education requirements in writing or literature.

Major Requirements

The following courses are required (11 units):

EH 250

EH 260

EH 300

one unit emphasizing a breadth of literary study (category 1): EH 349, 355, 375, 381, 389, 390

one unit emphasizing a depth of literary study (category 2): EH 310, 330, 360, 380

one unit emphasizing literature of a different time, place, or culture

(category 3): EH 350, 351, 361, 384, 385

one unit emphasizing contemporary literature (category 4): EH 392, 394, 395, 396
 one unit emphasizing literary theory (category 5): EH 400, 410, 420, 459
 two elective units (excluding EH 208), at least one of which must be at the 300 level or above
 one unit of EH 470, 471, or 472

Two units used to fulfill major requirements must be taken from the following courses that concentrate on literature written before 1900: EH 349, 350, 351, 360, 361, 380, 381, or 388. EH 330 and EH 389 may also count as a “pre1900” course if the major author(s) under consideration wrote before 1900. Students should consult with their advisors carefully as they seek to fulfill category requirements and the requirement of taking two “pre1900” courses.

Minor Requirements

Interim projects, service-learning, and teaching experience courses may not count towards toward any EH minor. Internships may not count towards the literature minor.

Minor in Literature

The following courses are required (5 units):

- one 200-level literature course
- one unit emphasizing a breadth of literary study (category 1)
- one unit emphasizing a depth of literary study (category 2)
- one unit emphasizing literature of a different time, place, or culture (category 3)
- one unit emphasizing contemporary literature or literary theory (category 4 or 5)

Minor in Creative Writing

The following courses are required (5 units):

Option 1:

- EH 205
- four additional units from EH 208, 301, 302, 304, or 493

Option 2 (*Quad* staff):

- EH 205
- EH 206 (two terms for one unit)
- three additional units from EH 208, 301, 302, 304, or 493

EH 301, 302, and 304 may be repeated once for credit.

Minor in Journalism

The following courses are required (5 units):

Option 1:

- EH 204

four additional units from EH 208, 303, 304, 305, 306, 493, or PS 333

Option 2 (*Hilltop News* staff):

EH 204

EH 206 (two terms for one unit)

three additional units from EH 208, 303, 304, 305, 306, 493, or PS 333

With the approval of the journalism faculty, students may count one course from a BACHE institution towards the journalism minor. The course must be in print or broadcast journalism, media studies, or communications.

Courses in English

EH 102 Seminar in Critical Thinking and Writing (1)

A seminar on college-level writing and critical inquiry. The course emphasizes clear and engaging prose, persuasive reasoning, various rhetorical strategies, research documentation, and standard English grammar and mechanics. (Satisfies the Skills Foundations requirement in writing.) Prerequisite: placement by English faculty. Fall, Spring.

EH 200 Introduction to Literature (1)

Critical approaches to poetry, short stories, and drama. Prerequisite: EH 102 or 208. Fall, Spring.

EH 204 Writing for the Print Media (1)

A survey of writing styles and techniques appropriate for news writing, public affairs reporting, and feature articles for the print media. (Does not satisfy the Skills Foundations requirement in creative art.) Prerequisite: EH 102 or 208.

EH 205 Introduction to Creative Writing (1)

Beginning work in creative writing in several genres, including fiction, poetry and either drama or creative nonfiction, at the discretion of the instructor. Using a combination of in-class exercises, readings, and workshops, the course introduces students to the fundamentals of creating, reading, and evaluating short pieces of creative writing. (Satisfies Skills Foundations requirement in creative art.) Prerequisite: EH 102 or 208.

EH 206 *Hilltop News* or *Quad* Editorial Staff (1/2)

A practicum course that offers instructional support through training, supervision, readings, and short assignments for the editorial staff of the *Hilltop News* and *Quad*. The course instructs student-editors on the background and methods of sound newspaper and literary magazine editing. It aims also to ensure quality and timeliness in the editing and production of the two publications. The staff of each publication meets separately once a week with the instructor. Editorial staff must take the course in

the fall and spring for a total of 1 unit. The course is required for *Hilltop News* and *Quad* editorial staff. Prerequisite: open only to *Hilltop News* and *Quad* editorial staff. Fall, Spring.

EH 208 Intermediate Writing (1)

The development of intensive analytical skills, precise and extensive vocabulary, and consciousness of style. (Satisfies either the Skills Foundations requirement in writing or Disciplinary Foundations requirement in humanities.) Prerequisite: EH 102 or placement by English faculty. Fall, Spring.

EH 209 Teaching and Tutoring Writing (½)

Introduces methods for effective tutoring and teaching of writing. Required for students who serve as tutors in the Writing Center. Prerequisite: Consent.

EH 210 Introduction to Fiction (1)

An introduction to the short story, in American, British, and world literature, with some attention to longer fiction. Prerequisite: EH 102 or 208. Fall, Spring.

EH 212 Alternate Worlds: Reading Science Fiction (1)

Develops the skills of reading and interpreting science fiction texts through the close examination of science fiction stories, the comparison of science fiction to other genres, and the consideration of theoretical approaches to reading. The course emphasizes the ability to think critically, including the ability to articulate and examine assumptions and to imagine alternatives.

EH 214 American Historical Fiction (1)

A study of American historical fiction from the early 1800s to today that focuses on the relationship between fiction and history within the genre. This course introduces students to issues of narrative and historiography while examining how novels and short stories depict different historical periods. Students read and write critically about the genre. They also research and compose an original piece of historical fiction.

EH 215 Introduction to Drama (1)

An introduction to dramatic literature from the Greeks to the present. Prerequisite: EH 102 or 208.

EH 220 Literature and the Social Experience (1)

An introduction to the social interpretation of literature through study of a faculty-selected topic, focusing on a cultural movement, a social issue, or the perspective of a social group. The course can be taken only once for credit. Prerequisite: EH 102 or 208.

EH 225 Labyrinths and Solitude: Latin American Fiction in Translation (1)

An introduction to Latin American fiction covering a selection of novels and short fiction. Students will learn basic skills of literary interpretation and study cultures of Latin America.

EH 230 and 231 Plural America I (1) and II (1)

This sequence of courses introduces students to the plurality of the American culture from within the liberal arts traditions of history and literature. The intent is to recognize the aspects of other cultures appropriated into the Western tradition but often either unacknowledged or glossed over. The end should be an appreciation of the achievements and limitations of our Western heritage, and a

heightened sensitivity to the cultural diversity of the world-at-large. Plural America I focuses on Native American and Chicano history and literature and on the European context of American society; Plural America II focuses on African-American and Asian-American history and literature and on the 1960s as a catalyst for multi-culturalism (IC designated courses). Also listed as HON 230 and 231, these courses may be counted by Honors Program students toward fulfillment of their course requirements. (Also listed as HI 230 and 231.) Prerequisite: EH 102 or 208.

EH 248 Monsters, Monarchs, and Monastics: Legacies of Medieval Literature in Popular Culture (1)

An introductory course focusing on critical approaches to literature. Using medieval literature in translation and texts from popular culture the course introduces students to the fundamentals of literary interpretation. Texts range from Arthurian romances to contemporary trademark mysteries. Considerable attention is also given to technology in teaching and learning. Also listed as HON 248, this course may be counted by Honors Program students toward fulfillment of their course requirements. Prerequisite: EH 102 or 208. Spring.

EH 249 Literature, Visual Art, and Digital Images (1)

A survey of various approaches to the relationships between verbal and visual arts from the Middle Ages to the present, including emerging relationships between literature and digital media. Study includes works in one medium inspired by those of another, works in visual and verbal media from the same period, and artists of multiple forms. Also listed as HON 249, this course may be counted by Honors Program students toward fulfillment of their course requirements. Prerequisite: EH 102 or 208.

EH 250 Survey of British Literature (1)

An introduction to major British prose and verse written from the Anglo-Saxon period to the present. Prerequisite: EH 102 or 208.

EH 260 Survey of American Literature (1)

An introduction to major American prose and verse written from the Colonial period to the present. Prerequisite: EH 102 or 208.

EH 265 Survey of Southern Authors (1)

Studies of important long works by major Southern writers from antebellum to present times. Prerequisite: EH 102 or 208.

EH 270 World Literature in Translation (1)

A selection of major works of European and Third World authors in translation. Prerequisite: EH 102 or 208.

EH 280 Greco-Roman Literature in Translation (1)

A selection of major Greek and Latin works read in English translation. Prerequisite: EH 102 or 208.

EH 293, 393, 493 Independent Study in English (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

EH 298, 398, 498 Teaching Experience in English (½ or 1)

A teaching experience course under the supervision of a member of the English faculty. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

EH 300 Theories and Methods of Literary Analysis (1)

An introduction to the discipline of literary study for English majors. This course prepares students for advanced work in textual analysis, the application of critical and theoretical approaches, and the production of well-researched literary analyses. At least one previous EH course is recommended.

EH 301 Fiction Workshop (1)

The writing of original short prose fiction taught by the workshop method. The course may be repeated once for credit. Prerequisite: EH 205.

EH 302 Poetry Workshop (1)

The writing of original short poetry taught by the workshop method. The course may be repeated once for credit. Prerequisite: EH 205.

EH 303 Advanced Prose Workshop (1)

The study of and practice in development of style in writing, with general and professional applications. Prerequisite: EH 204 or 205.

EH 304 Creative Nonfiction Workshop (1)

A study and practice of creative nonfiction that includes the writing of original nonfiction prose within a workshop format. Writings may draw on memoir, journalism, cultural studies, history, literary criticism, nature writing, travel writing, sports writing, spiritual writing, or any kind of writing based on real-life events and experiences. The course will also entail the study of classic and contemporary writers within the genre. May be repeated once for credit. Prerequisite: EH 204 or 205.

EH 305 Journalism Workshop (1)

Reading and practice in forms of journalism, including literary journalism, arts reviews, feature writing, editorials, and interviewing. Prerequisite: EH 204.

EH 306 Media Internship (1)

A practicum course for Journalism minors who want to gain firsthand experience in various media practices. Students will work under the direct supervision of qualified practitioners in print, broadcasting, communications, and public relations in media outlets and media-related offices throughout the greater Birmingham area. Students must work for a minimum of ten hours each week during the course of the internship. Prerequisite: EH 204.

EH 307 Introduction to Playwriting (1)

An introduction to the principles of dramatic structure, playwriting and revision. (Also listed as ThA 307.) Prerequisite: EH 102 or 208.

EH 310 Development of the Novel (1)

An examination of the novel as a genre from its origins to its later forms. Emphases on common motifs, the development of fictional elements such as characterization, plot, and point of view, and the role of the author. Prerequisite: any 200-level literature course. (Category 2)

EH 325 Natural, Wild, and Free: American Environmental Literature (1)

An investigation of American environmental literature and nature writing. The course gives particular attention to literature and film that examines the consequences of human activity on natural systems and engage in conversations about human connections to the environment, nature, wilderness, conservation, and preservation. Prerequisite: EH 102 or 208.

EH 330 Major Authors (1)

A focused study of the works of one to three authors. Recent offerings have included Dante, Hawthorne, Hemingway, Morrison, Woolf, and Yeats. With the permission of the English faculty, students may enroll more than once for credit, providing that the focus of the course is different. Prerequisite: any 200-level literature course. (Category 2)

EH 349 Literature and the Arts (1)

A survey of the relationships among the art forms of a particular culture or historical period. Emphasis is placed on how literary works influenced or were influenced by larger cultural movements manifested in music, painting, sculpture, and architecture. Fulfills the pre-1900 requirement for the major. Prerequisite: any 200-level literature course. (Category 1)

EH 350 Chaucer (1)

A reading of the *Canterbury Tales* and other selected major poems of Chaucer in Middle English. Also listed as HON 350, this course may be counted by Honors Program students toward fulfillment of their course requirements. Fulfills the pre-1900 requirement for the major. Prerequisite: any 200-level literature course. (Category 3)

EH 351 Medieval British Literature (1)

Studies in British prose, poetry, and drama of the Middle Ages. Fulfills the pre-1900 requirement for the major. Prerequisite: any 200-level literature course. (Category 3)

EH 355 Romance: Medieval to Gothic to Modern (1)

A survey and analysis of the development of the genre of romance from its English origins in the Middle Ages to contemporary popular fiction. Special attention is given to modern methods of analysis. Prerequisite: any 200-level literature course. (Category 1)

EH 360 Shakespeare (1)

Studies in the major Shakespearean genres: tragedy, comedy, history. Fulfills the pre-1900 requirement for the major. Prerequisite: any 200-level literature course. (Category 2)

EH 361 Renaissance Poetry (1)

Non-dramatic poetry of the Tudor and Stuart periods, 1485-1660. Fulfills the pre-1900 requirement for the major. Prerequisite: any 200-level literature course. (Category 3)

EH 375 Satire (1)

A study of the forms and techniques of satire including, but not limited to, selections from Classical and Augustan literature. A secondary emphasis is placed on the visual and performing arts. Prerequisite: any 200-level literature course. (Category 1)

EH 380 Romantic Prose and Poetry (1)

The critical study of major British writers of the Romantic period. Fulfills the pre-1900 requirement for the major. Prerequisite: any 200-level literature course. (Category 2)

EH 381 Victorian Prose and Poetry (1)

A study of major British writers of the Victorian period. Fulfills the pre-1900 requirement for the major. Prerequisite: any 200-level literature course. (Category 1)

EH 384 Literature of the American Indian (1)

Studies in literature by and about North American Indians (an IC designated course). Prerequisite: any 200-level literature course. (Category 3)

EH 385 Contextual Studies in World Literature (1)

A study of world literature within its cultural contexts. At present, the focus of the course is African literature. With the permission of the English faculty, students may enroll more than once for credit, providing that the focus of the course is different (an IC designated course). Prerequisite: any 200-level literature course. (Category 3)

EH 388 Literature and Culture of the American Renaissance (1)

An in-depth study of selected U.S. literature of the mid-nineteenth century in its cultural context. Both traditional "classic" texts and more recently rediscovered texts will be studied in relation to key cultural issues of the time such as the Transcendentalist movement, slavery and race, and domesticity and gender politics. Readings include fiction, nonfiction, and poetry, selected from authors such as Emerson, Thoreau, Fuller, Hawthorne, Melville, Poe, Dickinson, Whitman, the Alcotts, Jacobs, Douglass, and Stowe. Fulfills the pre-1900 requirement for the major. Prerequisite: any 200-level literature course. (Category 2)

EH 389 Contextual Studies in American Literature (1)

A critical examination of selected American writing within its cultural contexts. Prerequisite: any 200-level literature course. (Category 1)

EH 390 Twentieth-Century British and American Poetry (1)

The critical study of major British and American poetry of the twentieth century. Prerequisite: any 200-level literature course. (Category 1)

EH 392 Contemporary Fiction (1)

An examination of trends in British or American fiction since World War II, including the impact

of postmodernism, neorealism, and the belated recognition of minority writing. Prerequisite: any 200-level literature course. (Category 4)

EH 394 Contemporary Drama (1)

A critical examination of the principal plays, playwrights, and theories of contemporary drama. (Also listed as ThA 331.) Prerequisite: any 200-level literature course. (Category 4)

EH 395 Contemporary International Fiction (1)

A sampling of recent nonAngloAmerican fiction; may include postcolonial literatures, such as African- and Latin-American fiction, as well as Japanese, Chinese, Indian, and other Asian fiction (an IC designated course). Prerequisite: any 200-level literature course. (Category 4)

EH 396 Contemporary Poetry (1)

A study of recent poetry and poetics. Prerequisite: Any 200-level literature course. (Category 4)

EH 400 Studies in Culture and Text (1)

A theoretical study of texts from a perspective of cultural criticism. Recent offerings have emphasized modernism and postmodernism. With the permission of the English faculty, students may enroll more than once for credit, providing that the focus of the course is different. Prerequisite: at least three 300-level literature courses, one of which must be EH 300. (Category 5)

EH 410 Studies in the Novel (1)

A theoretical study of the novel. The focus of the course may change each time it is offered: for example, gender and the novel, the modernist novel, the novel and narratology. Prerequisite: at least three 300-level literature courses, one of which must be EH 300. (Category 5)

EH 420 Studies in the Drama (1)

A theoretical study of the drama. The focus of the course may change each time it is offered: for example, gender and the drama, dramatic form and theory, the theatre of the absurd. Prerequisite: at least three 300-level literature courses, one of which must be EH 300. (Category 5)

EH 459 Methods of Literary Interpretation (1)

Study and application of major methods of literary analysis. Prerequisite: at least three 300-level literature courses, one of which must be EH 300. (Category 5)

EH 470, 471, 472 Senior Seminar (1)

Advanced study of selected topics within a specific area of language or literature. Students may enroll for a second seminar on a separate topic as one of their electives. Prerequisite: EH 300 and senior standing.

French (FR)

Humanities

*Dominique Linchet, Renée Norrell**Major Requirements*

No major or minor is offered in French

*Courses in French***FR 101 Elementary French I (1)**

An introduction to the sounds and structure of the language as well as to the culture of French-speaking peoples. Skills emphasized are reading, writing, speaking, and oral comprehension. Prerequisite: consent. Fall.

FR 102 Elementary French II (1)

A continuation of FR 101. Prerequisite: FR 101. Spring.

FR 201 Fundamentals of French Grammar (1)

A review of the fundamentals of grammar designed primarily for students who have had only one or two years of language on the high school level. Prerequisite: consent. Fall, Spring.

FR 220 Intermediate French (1)

A course built on beginning French that thoroughly reviews basic grammar concepts, builds vocabulary, and further develops all four language skills. Prerequisites: FR 102 or 201, and consent. Fall, Spring.

FR 270 Conversation française (1)

Instruction and practice in oral comprehension and speaking. Conversation is based on *realia* (newspapers, magazines, videos). The course increases oral proficiency and awareness of modern culture. Prerequisites: FR 220 and consent. Fall.

FR 280 Approches de lecture (1)

An introduction to French literature as well as to the skills and methods needed to read literature in the French language. This course provides practice in and application of these skills using a variety of genres. The course increases reading proficiency and prepares students for 400-level literature courses. (Does not satisfy general education requirement in literature.) Prerequisite: FR 220. Spring.

FR 293, 393, 493 Independent Study in French (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

FR 298, 398, 498 Teaching Experience in French (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

FR 300 French Phonetics and Conversation (1)

A study of French phonetics with extensive conversational training. Prerequisite: FR 270 or 280.

FR 315 Advanced Grammar and Composition (1)

A detailed analysis of grammar and intensive practice in composition. Prerequisite: FR 270 or 280. Fall 2007.

FR 325 French Civilization (1)

The study of the development of French civilization as shown in its history, arts, and thought. Emphasis is placed on the interdependence of these aspects during any given period and also on their relationship on a chronological time scale. All lectures, discussions, and readings are in French (an IC designated course). Prerequisite: FR 270 or 280.

FR 333 French Across the Curriculum (¼)

Directed readings in the language in conjunction with a course in another discipline. May be taken more than once for credit providing that the disciplinary course is different. Prerequisites: FR 220 and consent. Fall, Spring.

FR 360 Quebec: Life and Letters (1)

A study of the culture of Frenchspeaking Canada with emphasis on the development of its literature. All lectures, discussions, and readings are in French (an IC designated course). Prerequisite: FR 270 or 280.

FR 401 Survey of French Literature I (1)

A study of the evolution of French literature from its beginning through the eighteenth century (an IC designated course). Prerequisite: FR 280.

FR 402 Survey of French Literature II (1)

A continuation of FR 401 emphasizing French literature in the nineteenth and twentieth centuries (an IC designated course). Prerequisite: FR 280.

FR 410 Twentieth-Century Literature (1)

A study of major themes and currents in twentieth-century francophone literature. The focus of this course may vary each time it is offered: for example, existentialism, *nouveau roman*, *théâtre de l'absurde*, gender in contemporary fiction, francophony. With the permission of the French faculty, students may enroll more than once for credit, provided that the reading list is different (an IC designated course). Prerequisite: FR 280.

FR 420 Nineteenth-Century Literature (1)

Creative writings from Romanticism to Symbolism with attention to the theories of the important genres (an IC designated course). Prerequisite: FR 280.

FR 421 Poetry and Music: The French Connection (1)

An investigation into the relationship between poetry and music, specifically as demonstrated in the works of the French art song composers. Designed for the non-music major, this course, taught in English, will bring together textual analyses of poetry and interpretations of the language of music. Also listed as HON 321, this course may be counted by Honors Program students toward fulfillment of their course requirements. This course may count as an elective in the French major, but not in the French minor. Prerequisite: FR 280 or EH 102.

FR 460 Major Authors (1)

A focused study of the life and works of a major francophone author. Future offerings include Baudelaire, Voltaire, Roy, Hébert. Prerequisite: FR 280.

FR 470, 471 French Seminar (1)

An in-depth study of a faculty-selected topic in literature, either from France or from other francophone countries. Topics emphasize thematic approaches to the literature of a particular era or genre (an IC designated course). Prerequisite: FR 280.

FR 490 Francophone Literature from Africa and the Caribbean (1)

Presents students with an overview of the literature written in French in sub-Saharan Africa and in the Caribbean during the twentieth century. The selection of texts and authors allows students to explore the effects of the American Negro-renaissance in Europe and Africa, the independence of African colonies, and post-colonialism (an IC designated course). Prerequisite: FR 280.

FR 499 Senior Project in French (1)

An independent research project on a literary or cultural topic pertaining to the French language. A substantial paper that demonstrates an advanced degree of proficiency in the written expression of the language and an oral presentation are required. Prerequisite: at least junior standing. Interim.

German (GN)

Humanities

*Judith H. Cox**Major Requirements*

No major or minor is offered in German

*Courses in German***GN 101 Elementary German I (1)**

An introduction to the sounds and structure of the language as well as the culture of Germanspeaking peoples. Work in the language laboratory is required. Emphasis is placed on all four language skills: oral comprehension, speaking, reading, and writing. Fall.

GN 102 Elementary German II (1)

A continuation of GN 101. Prerequisite: GN 101. Spring.

GN 220 Intermediate German (1)

Building on beginning German, this course thoroughly reviews basic grammar concepts, builds vocabulary, and further develops all four language skills. Prerequisite: GN 102. Fall.

GN 270 Gesprächsdeutsch (1)

Instruction and practice in oral comprehension and speaking. Conversation is based on *realia* (news-papers, magazines, videos). The course increases oral proficiency and awareness of modern culture. Prerequisite: GN 220.

GN 280 Eine kleine Deutschliteratur (1)

An introduction to German literature as well as to the skills and methods needed to read literature in the German language. This course provides practice in and application of these skills using a variety of genres. The course increases reading proficiency and prepares students for 400level literature courses. (Does not satisfy general education requirement in literature.) Prerequisite: GN 220.

GN 293, 393, 493 Independent Study in German (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

GN 298, 398, 498 Teaching Experience in German (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

GN 300 Advanced Conversation (1)

Intensive audiolingual practice in the classroom and language laboratory using discussion, oral reports, and contemporary authentic materials. Prerequisite: GN 270 or 280.

GN 303 Introduction to German Culture I (1)

A study of the cultures of the Germanspeaking lands from their beginnings to the nineteenth century from several aspects: historical, philosophical, sociological, literary, and aesthetic. Lectures, discussions, and readings are in German (an IC designated course). Prerequisite: GN 270 or 280.

GN 304 Introduction to German Culture II (1)

A continuation of GN 303 from the nineteenth century to the present (an IC designated course). Prerequisite: GN 270 or 280.

GN 310 German Landeskunde (1)

A study of present-day Germany and its people from several aspects: political, cultural, geographical, and social. All lectures, discussions, and readings are in German. This course is beneficial to those majoring in international business or international studies (an IC designated course). Prerequisite: GN 270 or 280.

GN 315 Advanced Grammar and Composition (1)

A detailed analysis of grammar combined with intensive practice in composition. Prerequisite: GN 270 or 280.

GN 333 German Across the Curriculum (¼)

Directed readings in the language in conjunction with a course in another discipline. May be taken more than once for credit providing that the disciplinary course is different. Prerequisite: GN 220 and consent.

GN 401 Survey of German Literature I (1)

The study of the evolution of German literature emphasizing literary movements to 1800 (an IC designated course). Prerequisite: GN 280.

GN 402 Survey of German Literature II (1)

A continuation of GN 401, from 1800 to the present (an IC designated course). Prerequisite: GN 280.

GN 410 Die Märchen der Brüder Grimm (1)

An examination of the tales of the Brothers Grimm as well as a sampling of critical theory of fairy tales. Students will become familiar with the history, theory and characteristics of the fairytale genre. Prerequisite: GN 280.

GN 420 DDR Literatur (1)

The study of the evolution and theory of the literature of the German Democratic Republic (an IC designated course). Prerequisites: GN 280 or consent.

GN 450 Kriegsliteratur (1)

An examination of German literature and film dealing with Germany and Germans during and between World Wars I and II. Prerequisite: GN 280.

GN 460 Die deutsche Romantik (1)

Studies of German Romantic Literature. Prerequisite: GN 280.

GN 499 Senior Project in German (1)

An independent research project on a literary or cultural topic pertaining to the German language. A substantial paper that demonstrates an advanced degree of proficiency in the written expression of the language and an oral presentation are required. Prerequisite: at least junior standing. Interim.

Greek (GK)

Humanities

For courses in Greek, see the Classics section of this catalog.

Hebrew (HB)

Humanities

Major Requirements

No major or minor is offered in Hebrew.

*Courses in Hebrew***HB 101 Elementary Biblical Hebrew I (1)**

An introduction to the fundamentals of biblical Hebrew. This course equips students to read the Hebrew Bible in its original language, a skill that provides students with access to the complexities of the biblical texts and the nuances of biblical scholarship. This course acquaints students with basic Hebrew grammar, which will enable students to read Hebrew texts at an introductory level and use reference works that begin with the original language as their starting point.

HB 102 Elementary Biblical Hebrew II (1)

A continuation of biblical Hebrew instruction provided in Elementary Biblical Hebrew I. This course completes the introduction to biblical Hebrew grammar started in the first class and also provides further training in translation practices and exegetical method. Prerequisites: HB 101.

History (HI)

Bachelor of Arts

Humanities

Randall Law, V. Markham Lester, Matthew Levey, Victoria Ott, Mark S. Schantz

The history faculty engages students in an inquiry into the past. By reconstructing earlier civilizations and perceiving various ages within a time frame stretching from prehistory to the present, the history student comes to see an age in relationship to what came before and what follows. A sense of continuity is developed that expands mental horizons, permits fruitful comparisons to be made with the present, and allows a more acute awareness of one's surroundings. The effort to understand the peoples of the past makes use of various skills and techniques including the evaluation of evidence, employment of imagination, research skills in diverse sources of information, and effective oral and written communication skills. A primary concern of the study of history is change. The student who is conscious of the continuous process of change is better prepared for the conditions of change taking place today.

Historical study provides a training that helps prepare students for graduate study and for widely varied careers in teaching, law, the church, government, diplomatic service, museums, libraries, social services, business, journalism, and other fields.

General education requirements in history must be fulfilled by a classroom course in history at Birmingham-Southern College.

Major Requirements

The following courses are required (11 units):

HI 102 and (103 or 110); or HI 181 and 182

HI 152 and (151 or 155)

HI 300 (normally completed in the sophomore or junior year)

HI 400

five elective units, two at the 200 level and three at the 300 level. Of these five units, at least one must be in United States history, one in European history, and one in Latin American, Asian, or Middle Eastern history

History majors are encouraged to develop a degree of competence in one or more foreign languages and to use this competence in their historical reading and research. Knowledge of a foreign language is particularly important for students planning graduate work. Students contemplating graduate work are urged to take at least three units in one foreign language.

In addition, the faculty strongly recommends for its majors an offcampus experience and HI 498 Teaching Experience in History where feasible.

Minor Requirements

The following courses are required (5 units):

- one HI unit (classroom course) at the 100 level
- one HI unit (classroom course) at the 200 level
- two HI units (classroom courses) at the 300 level
- one elective HI unit (classroom course)

Graduation with Disciplinary Honors in History

History majors may graduate with honors in history by fulfilling the following requirements:

- (1) Complete the requirements for a major in history.
- (2) Attain a 3.50 or better grade point average in all history courses taken at the College.
- (3) Earn a departmental designation of "with honors" for the project in HI 401 Senior Research Project in History.

*Courses in History***100 Level**

Courses dealing with events and processes that affect human societies over long periods of time and across broad geographical areas not confined to national boundaries; mostly textbook oriented with some primary sources; short non-research writing assignments.

HI 102 European Civilization I (1)

The historical development of European social and political attitudes and institutions through the Age of Enlightenment.

HI 103 European Civilization II (1)

The historical development of European social and political attitudes and institutions from the French Revolution to the late twentieth century.

HI 110 Great Leaders in Modern Western History (1)

An examination of the leadership of several important figures in western history from the Reformation to the Second World War. Previous topics have included Martin Luther (1483-1546), Elizabeth I (1533-1603), Napoleon Bonaparte (1769-1821), Giacomo Puccini (1858-1924), and Winston Churchill (1874-1965). Also, students will be a part of a group that will research and report on the life of another leader of their choice. Through the study of this diverse group of leaders, students will gain an awareness of the historical periods in which these individuals lived and learn about biography as an historical genre. Students will also be introduced to modern theories of leadership and will be challenged to apply these theories to the leaders studied.

HI 120 The History of Terrorism (1)

An examination of the history of terrorism with the twin goals of explaining its contemporary prevalence and its historical significance. Emphasis will be placed on the political, social, and cultural contexts of terrorism and political violence; critical, literary, and popular responses to terrorism; changing definitions of terrorism; and the interrelationship between terrorism and modernity. Particular attention will be paid to revolutionary terrorism in Europe and Russia in the nineteenth and early twentieth centuries; ethno-nationalist terrorism in Europe, the Middle East, and North Africa in the second-half of the twentieth century; anti-imperialist and left-wing terrorism in the 1960s and 1970s; and the recent upsurge in religiously inspired terrorism. Also listed as HON 120, this course may be counted by Honors Program students toward fulfillment of their course requirements.

HI 151 History of the American People I (1)

The evolution of the American people to 1865, as reflected in their political and economic development, social practices, and philosophy with particular reference to the interaction between ideas and social structure.

HI 152 History of the American People II (1)

A continuation of History of the American People I, dealing with the changes in American society since 1865 as reflected in the industrialization of the nation with emphasis on the interaction between traditional concepts and contemporary social structure.

HI 155 Reforming America (1)

A study of the ideas, events, and people influencing major reform movements from the colonial period to 1877. Emphasis is placed on notable reform campaigns directed toward social, political, and economic change in America and the successes and limitations of those efforts. Some topics include social transformations in the Chesapeake and New England colonies; political thought in the American Revolution; evangelical Protestantism; responses to Native American removal legislation; social welfare campaigns relating to public education, temperance, prison, and asylum reforms; abolitionism and racial equality; anti-immigration organizations; and women's rights.

HI 181 East Asian Civilization I: Introduction to Chinese Civilization (1)

A comprehensive introduction to the history of Chinese civilization from its beginnings to the seventeenth century. Key topics include the formation of ancient Chinese civilization, the growth and development of the three main traditions of learning and religion (Confucianism, Taoism and Buddhism), the evolution of China's imperial system of government, patterns of land tenure, the development of commercialized agriculture and urban centers, and the ways in which Chinese historians have written about their national past (an IC designated course). Fall; offered as a First-Year Foundations course in even-numbered years.

HI 182 East Asian Civilization II: Introduction to Japanese Civilization (1)

A comprehensive introduction to the history of Japanese civilization from its beginnings to the seventeenth century. Key topics include the formation and evolution of Japan's imperial system, the "way of the warrior" (bushido), the evolution of Buddhism and Confucianism in relation to the native "Shinto" tradition, patterns of land tenure, the transition from rule by civilian aristocrats to the emergence of military rule, and the ways in which Japanese historians have written about their national past (an IC designated course). Spring; offered as a First-Year Foundations course in odd-numbered years.

200 level

Courses dealing with a single cultural or national entity, or a clearly related group of such entities (usually a century or more); textbooks, primary sources, and occasional monograph material; short non-research writing assignments.

HI 205 The Old South (1)

The development and flourishing of the antebellum plantation society, the institution of slavery, and the rise and fall of Southern nationalism.

HI 206 The New South (1)

The evolution of the American South from the end of the Civil War to the present with emphasis on the political and economic adjustments of Reconstruction, Bourbon Democracy, industrial development and the agrarian revolt, and social change.

HI 207 Diplomatic History of the United States to 1941 (1)

Development of America's international relations and its emergence as a world power, with emphasis on nineteenth-century expansionism, the Spanish-American War, involvement in the Far East and Latin America, World War I, and the Paris Peace Conference.

HI 208 Diplomatic History of the United States since 1941 (1)

United States foreign policy since 1941, with emphasis on World War II, and the Cold War in Europe, the Far East, and Latin America (a Leadership Studies designated course).

HI 210 U.S. Women's History (1)

A study of American women from the pre-colonial era to the late twentieth century. This course introduces the uniqueness of women's experiences and their role in shaping the economic, political, and social development of the nation. Among the topics covered are notions of "proper" womanhood, women's involvement in wars, women's role in family life, women's paid labor, and female activism. Emphasis is placed on the diversity of women's lives based on racial, class, ethnic, and sexual differences (a Leadership Studies designated course).

HI 230 Plural America I (1)

An introduction to the plurality of the American culture from within the liberal arts traditions of history and literature. The intent is to recognize the aspects of our cultures appropriated into the Western tradition but often either unacknowledged or glossed over. The end should be an appreciation of the achievements and limitations of our Western heritage, and a heightened sensitivity to the cultural diversity of the world-at-large. Plural America I focuses on Native-American and Chicano history and literature and on the European context of American society (an IC designated course). Also listed as HON 230, this course may be counted by Honors Program students toward fulfillment of their course requirements. (Also listed as EH 230.) Prerequisite: EH 102 or 208.

HI 231 Plural America II (1)

A continuation of Plural America I, focusing on African-American and Asian-American history and literature and on the 1960s as a catalyst for multi-culturalism (an IC designated course). Also listed as HON 231, this course may be counted by Honors Program students toward fulfillment of their course requirements. (Also listed as EH 231.) Prerequisite: EH 102 or 208.

HI 241 Monarchs, Rebellion, and Empire: History of England from the AngloSaxons to George III (1)

A survey of the political, social, economic, and constitutional history of England and the British Empire to 1789. Among the many subjects examined are the AngloSaxons, the Norman Conquest, the Wars of the Roses, Henry VIII and the English Reformation, Elizabeth I and the defeat of the Spanish Armada, the English Civil War, the Restoration, the establishment of the "first" British Empire, and the responses to the American and French Revolutions. Lectures are supplemented by audiovisuals to add further context.

HI 242 Industry, Imperialism, and World War: History of England from George III to the Present (1)

A survey of the political, social, economic, and constitutional history of England and the British Empire from 1789 to the present. Among the many subjects examined are the Industrial Revolution, imperialism, the Irish independence movement, the First and Second World Wars, the Socialist and Thatcher revolutions, and the end of empire. Lectures are supplemented by audiovisuals to add further context (an IC designated course; a Leadership Studies designated course).

HI 245 Russian Civilization (1)

An introduction to the history of Russia and its distinctive political, social, and cultural institutions and expressions, from the formation of Rus in the first millennium of the common era through the breakup of the Soviet Union (an IC designated course; a Leadership Studies designated course).

HI 248 Modern Germany (1)

An examination of the history of Germany from the era of Bismarck through reunification at the end of the Cold War. Topics include the creation of the German nation-state, participation in the World Wars, Weimar, Nazism, East and West Germany, and post-reunification. The course emphasizes the use of Germany as a case study for studying the problems and paradoxes of European development in the modern era.

HI 250 Topics in the History of Terrorism (1)

An exploration of terrorism through focused study of four to six episodes in its history. Following an historical and methodological introduction, possible subjects include the Sicarii, the Carbonari, Russian revolutionary terrorism, the Ku Klux Klan, the Irish Troubles, Israel/Palestine, the Malayan Emergency, the Weather Underground, anti-abortion violence, eco-terrorism, and September 11 (a Leadership Studies designated course). Prerequisite: sophomore standing or above.

HI 260 Social History of Latin America (1)

A study of the basic cultural influences in the history of Latin America, including consideration of the Indian heritage, internal economic development, the traditional role of the church, and postindependence social structure and economic issues (an IC designated course). Prerequisite: at least one year of college coursework.

HI 261 Modern Latin America and the Revolutionary Tradition (1)

An analysis of the role of revolutionary change in modern Latin American history which emphasizes the major social and political revolutions in Mexico and Cuba and which examines the impact of *Peronismo* in Argentina, the military "revolution" in Peru in the 1960s and the more recent Sandinista regime in Nicaragua. Prerequisite: at least one year of college coursework.

HI 265 The Middle East in the Twentieth Century (1)

A study of the history of the Middle East from the collapse of the Ottoman Empire until the present day. The course offers an introduction to the geography, ethnography, and religions of the region, followed by an investigation of British and French colonialism and the inter-war independence struggles in the area. Emphasis is also placed on the growth of modern Middle Eastern states and societies after 1945, with particular focus on the topics of nationalism, modernization, the Arab-Israeli conflict, the Iranian revolution, and the Gulf War (an IC designated course).

HI 282 Disputers of the Tao: Major Texts in the Confucian, Buddhist, and Taoist Traditions in East Asia (1)

The historical development of the major philosophical and religious traditions of East Asia (Confucianism, Taoism, and Buddhism) taught through the reading of a selection of their fundamental texts. The focus will be the texts, the major doctrines and schools of these traditions, and the patterns of their historical development in China, India, Japan, and Korea (an IC designated course). Also listed as HON 282, this course may be counted by Honors Program students toward fulfillment of their course requirements. Prerequisite: at least one year of college coursework.

HI 283 Modern China (1)

An introduction to Chinese history from the Manchu conquest in the seventeenth century to the People's Republic. Emphasis is on the changing social, economic, and political structure of Chinese society and how the Chinese explained to themselves the changes taking place in their society.

HI 284 Modern Japan (1)

An introduction to Japanese history from the emergence of military rule in the thirteenth century to the postWorld War II democratic experience. Emphasis is on the changing social, economic, and political structure of Japanese society and how the Japanese explained to themselves the changes taking place in their society.

HI 287 Western Images of Asia (1)

A multimedia exploration of Western attitudes about the "orient." Through scholarly and fictional texts and a careful viewing of visual arts, this course analyzes the development of Western attitudes toward the "east," beginning with medieval explorers and concluding with our present concerns with the Japanese and Chinese (an IC designated course). Also listed as HON 287, this course may be counted by Honors Program students toward fulfillment of their course requirements. Prerequisite: at least one year of college coursework.

HI 288 Remembering World War II (A): The War in Asia and the Pacific (1)

How World War II in Asia and the Pacific is remembered in several countries, including China, Japan, Korea, and the United States. Using a variety of literary (novels, poetry, and memoirs), artistic (film and painting), and architectural (monuments, memorials, and museums) evidence, we explore the legacy and memories of World War II in these various countries, consider some of the many issues related to selfrepresentation and historical memory, and examine how different cultures with widely divergent pasts and traditions come to shape memory and guilt (an IC designated course). Also listed as HON 288, this course may be counted by Honors Program students toward fulfillment of their course requirements.

HI 289 Remembering World War II (B): The War in Europe and the Holocaust (1)

How World War II in Europe and the Holocaust are remembered in several countries. Using a variety of literary (novels, poetry and memoirs), artistic (film and painting), and architectural (monuments, memorials, and museums) evidence, we explore the legacy and memories of World War II in these various countries, consider some of the many issues related to selfrepresentation and historical memory, and examine how different cultures with widely divergent pasts and traditions come to shape memory and guilt. Countries to be studied are chosen from among the following: Germany, France, Poland, Russia/Soviet Union, and the United States (an IC designated course). Also listed as HON 289, this course may be counted by Honors Program students toward fulfillment of their course requirements.

HI 293, 393, 493 Independent Study in History (½ or 1)

Directed study for advanced students in the major. Coursework will include directed readings and inquiry into selected historical problems and areas. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

HI 298, 398, 498 Teaching Experience in History (½ or 1)

A teaching experience course. Upon invitation, qualified students may register for this course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

300 level

Courses focused temporally or topically; monograph material and primary sources; research paper required; at least one year of college coursework required.

HI 300 Practice of History Seminar (1)

A study of what history is and what the historian does. Through an examination of some of the classics of historical writing, attention is given to perspectives of the various historians and to the changing nature of the questions they have sought to answer. By preparing their own research paper, students are also exposed to contemporary methods and techniques of historical writing and research. Prerequisite: at least one year of college coursework.

HI 301 The American Revolution and the Federalist Period, 1763-1801 (1)

A study of the American Revolution, the creation of the new federal government, and the crucial early years of the young nation. Emphasis on three problems: the causes and nature of the Revolution, the struggle over the *Constitution*, and the emergence of political parties. Prerequisite: HI 300 or consent.

HI 303 Civil War and Reconstruction (1)

The development of the American Republic in the nineteenth century with emphasis on westward expansion, the rise of sectionalism, the Civil War, and the Reconstruction years. Prerequisite: HI 300 or consent.

HI 309 Women of the American South (1)

A study of women from the American South from pre-colonial contact to the present. Emphasis is placed on the contributions of women to the economic, political, social, and cultural development of the region. Among the topics covered are Native American women, slavery, Confederate states, mountain communities, Civil Rights, and country music (a Leadership Studies designated course). Prerequisite: HI 300 or consent.

HI 319 America, 1900-1940 (1)

A study of the United States from 1900 to 1940, with emphasis on political, social, and intellectual aspects of the Progressive movement, World War I, the Twenties, the Depression, and the New Deal. Prerequisite: HI 300 or consent.

HI 320 America Since 1940 (1)

The transformation of the United States since 1940, with emphasis upon the political and social aftermath of World War II, the expansion of the American economy in the 1950s and 1960s, social movements of the 1960s, and the era of disillusionment following Vietnam and Watergate in the 1970s. Prerequisite: HI 300 or consent.

HI 326 Constitutional History of the United States (1)

A study of the development of the *Constitution of the United States* since Reconstruction. Topics examined include the regulation of interstate commerce, the *Constitution* and the two World Wars, the New Deal, civil rights, the Warren court, the Watergate affair, and the recent transition to conservative constitutionalism. Prerequisite: HI 300 or consent.

HI 342 French Revolution and Napoleon (1)

Analysis of the causes and course of the Revolution in France and the spread of revolutionary ideas and institutions in Europe, 1789-1815. Prerequisite: HI 300 or consent.

HI 344 Europe, 1914-1945 (1)

The development of the major European countries and of international relations in the era of the world wars. Prerequisite: HI 300 or consent.

HI 346 Russia in the Twentieth Century (1)

A study of Russia and its transition in the twentieth century from a backward behemoth to the world's first socialist state and finally to a struggling post-communist nation. Topics include the crises of late Imperial Russia, the Russian Revolution, Stalinism, official and popular culture in the Soviet Union, the construction of "mature socialism," and the collapse of the U.S.S.R. Prerequisite: HI 300 or consent.

HI 347 Britain in the Twentieth Century (1)

Transition from empire to commonwealth, the Irish problem, two world wars and their consequences, reform, life and letters in England from 1901 to the recent past. Prerequisite: HI 300 or consent.

HI 349 The Cold War: American and Soviet Perspectives (1)

A study of the Cold War from both the U.S. and Soviet perspectives, from its origins during the closing days of World War II to the collapse of the Soviet Union in 1991. Emphasis is placed on the Cold War's political and cultural impact on the home fronts, as well as the interrelationship between foreign and domestic policy. Prerequisite: HI 300 or consent.

HI 385 The People's Republic of China (1)

An assessment of the history of the Chinese Communist Revolutionary movement from its inception to the present. Key topics include the Great Proletarian Cultural Revolution, the Democracy Movement, and various attempts by the Chinese Communist Party to transform the economic, social, intellectual, and political landscape of "traditional" China according to the competing visions—within the Party—of the nature, means, and goals of Marxist-Leninist Revolution. Prerequisite: HI 300 or consent.

HI 386 Japan in the Twentieth Century (1)

An analysis of the political, social, and economic history of "Showa" (1912-1989) Japan, and an attempt to place Japan's recent economic and political emergence on the world stage in the context of the problem and process of modernization. Also a strong focus on Japan's wars in Asia and the Pacific, their consequences on Japan and their meaning for Japanese today. Prerequisite: HI 300 or consent.

400 level**HI 400 Senior Research Symposium (1)**

The senior capstone seminar, in which students write a major research paper on a topic of their choice with consent. Students will present their research in a senior conference, fulfilling the Scholarship Foundations requirement. Prerequisite: consent.

HI 401 Senior Research Project in History (1)

Qualified students may register for this course to meet graduation requirements for Disciplinary Honors in History. Prerequisites: HI 400 and consent.

Latin (LA)

Humanities

For Courses in Latin, see the Classics section of this catalog.

Mathematics (MA)

Science and Mathematics

Bachelor of Science

Jeffrey Barton, Bernadette Mullins, Douglas Riley, Barry S. Spieler, Anne E. Yust

Lawyers, programmers, reporters, teachers, managers—indeed, members of almost every profession—require the quantitative and analytical skills developed by students who major in mathematics. More and more, employers are looking for applicants who are good thinkers. General problem-solving skills, the ability to synthesize information and reason logically, rather than narrow technical expertise, are seen as an advantage for employment. A mathematics major is not merely vocational training but, rather, an opportunity to equip oneself with skills, knowledge, flexibility, and ability to learn—all necessary in a changing world. In addition to fields that use mathematics directly, such as operations research, teaching, software engineering, statistical consulting, and actuarial work, a degree in mathematics provides good background for entry to jobs in business or admission to medical or dental school, M.B.A. programs, law school, engineering school, and public health programs.

Courses required for the mathematics major may be used to meet minor requirements in physics.

Major Requirements

The following courses are required (12 units):

MA 231

MA 232

MA 310

MA 311

MA 335

MA 451 or 455

MA 458 or 461

three additional units from MA 207, 240, 250, 317, 421, 422, 451, 452, 454, 455, 458, 461, 462, PH 121, or 122, at least two of which must be in MA, at least one of which must be at the 300 level or above

one unit in computer science numbered CS 170 or above

MA 499

A student may be exempt from CS 170, MA 207, MA 231, and MA 232 by placement, AP credit, or IB credit.

Mathematics majors intending to seek employment immediately upon graduation in fields other than actuarial science are encouraged to take MA 207, 240, 317, and CS 250. Those intending an actuarial career are encouraged to take MA 317, 421, and 422; it is also recommended that they take some relevant courses in other disciplines, particularly AC 221, AC 222, EC 201, EC 202, BA 201, BA 372, CS 250, and CS 290.

Students planning on graduate study in pure mathematics are encouraged to take MA 317, 451, 455, 458, and 461. Those planning graduate work in applied mathematics are encouraged to take MA 317, 421, 451, 454, 461, PH 121 and 122, and CS 250.

Students planning to attain secondary teaching certification must take MA 207, 240, and 317.

Minor Requirements

Teaching experience courses may not count towards the minor.

The following courses are required (5 units):

MA 231

MA 232

MA 310

one elective unit in MA at the 200 level or above

one elective unit in MA at the 300 level or above

Courses in Mathematics

MA 115 Fundamentals of Algebra (1)

A college algebra course including operations of rational expressions, solving equations and inequalities, graphs, and functions. Satisfactory completion of this course, or exemption by placement examination or ACT or SAT scores, is required prior to registration for any other mathematics course. Not open to students who have passed any mathematics course above MA 115. Fall, Spring.

MA 124 Precalculus Mathematics (1)

A preparation for students who plan to study calculus. This course focuses on modeling realworld phenomena using polynomial, rational, exponential, logarithmic, and trigonometric functions. An understanding of these functions is developed graphically, numerically, analytically, and verbally. Not open to students who have passed MA 231 or equivalent. Prerequisite: placement. Fall, Spring.

MA 150 Introduction to Mathematical Modeling (1)

An introduction to important mathematical ideas and their applications in the real world. This course is designed for nonmathematics/science majors and includes topics from a variety of mathematical areas at the discretion of the instructor. Possible topics include population modeling, the mathematics of interest and loans, environmental modeling, probability, statistics, and the mathematics of social choice. Not open to students who have passed MA 231 or equivalent. Prerequisite: MA 115 or placement. Fall, Spring.

MA 207 General Statistics (1)

An investigation of four fundamental topics in statistics: displaying data, producing data, probability, and statistical inference. The course uses a statistical software package. Prerequisite: MA 115 or equivalent, or consent. Fall, Spring.

MA 231 Calculus I (1)

A course in calculus emphasizing graphical, numerical, analytical, and descriptive points of view. Topics include functions, derivatives, definite integrals, and the Fundamental Theorem of Calculus. Prerequisite: MA 124 or placement. Fall, Spring.

MA 232 Calculus II (1)

A course in calculus emphasizing graphical, numerical, analytical, and descriptive points of view. Topics include definite integrals, approximation techniques, indefinite integrals, elementary differential equations, modeling, Taylor polynomials, and infinite series. Prerequisite: MA 231 or placement. Fall, Spring.

MA 240 Discrete Structures (1)

An introduction to concepts fundamental to the analysis of algorithms and their realizations. Topics include set theory, induction, recursion, graphs, networks, and Boolean algebra. Prerequisites: CS 250, or MA 231 and CS 170.

MA 250 Mathematical Modeling (1)

An introductory course in mathematical modeling for students who have had some prior experience with calculus. Models are developed for various applications in areas such as finance, ecology, and the social sciences. The methods focus predominantly on discrete dynamical models that can be easily implemented using a common spreadsheet program. Some familiarity with basic calculus allows analytical tools to complement this computational approach. Prerequisite: placement. Fall, Spring.

MA 293, 393, 493 Independent Study in Mathematics ($\frac{1}{2}$ or 1)

Directed study for advanced students in the major. Coursework may include directed readings, inquiry, and/or research project in mathematics or statistics. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

MA 298, 398, 498 Teaching Experience in Mathematics ($\frac{1}{2}$ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

MA 310 Calculus III (1)

A course in calculus emphasizing graphical, numerical, analytical, and descriptive points of view. Topics include parametric equations, polar coordinates, vectors, multivariable and vectorvalued functions, partial derivatives, multiple integrals, vector fields, and line integrals. Prerequisite: MA 232 or placement. Fall, Spring.

MA 311 Differential Equations (1)

An introduction to the study of ordinary differential equations with emphasis on solution techniques and applications. Whenever possible, numerical, qualitative and analytical methods are discussed, and students are encouraged to make use of computers in solving some of the problems. Prerequisite: MA 310. Spring.

MA 317 Linear Algebra (1)

Systems of equations, matrices, determinants, eigenvalues, matrix factorizations, vector spaces, linear transformations, and applications. Prerequisite: MA 232. Fall.

MA 335 Transition to Higher Mathematics (1)

An introduction to the logic and methods used in advanced mathematics, with emphasis on understanding and constructing proofs. Prerequisite: MA 232. Fall.

MA 421 Introduction to Mathematical Statistics I (1)

Basic probability theory, probability distributions, mathematical expectation, special discrete probability distributions, special probability densities, and moment-generating functions. Prerequisite: MA 310.

MA 422 Introduction to Mathematical Statistics II (1)

A continuation of MA 421 with emphasis on selected topics in statistics, including sampling distributions, point estimation, interval estimation, hypothesis testing, regression and correlation, analysis of variance, and nonparametric methods. Prerequisite: MA 421.

MA 451 Abstract Algebra I (1)

Topics include binary operations, groups, subgroups, group homomorphisms, factor groups, and a brief introduction to rings and fields. Prerequisite: MA 335.

MA 452 Abstract Algebra II (1)

A continuation of MA 451. Topics include rings, fields, integral domains, ideals, ring homomorphisms, field of quotients, and extension fields. Prerequisite: MA 451.

MA 454 Numerical Analysis (1)

An introduction to numerical methods of solution and their analysis. Topics include computer arithmetic, propagation of error, systems of linear and non-linear equations, numerical integration, curve fitting, and differential equations. Prerequisites: MA 310 and a computer science course numbered CS 170 or above.

MA 455 Introduction to Topology (1)

An introduction to the topology of Euclidean space and of surfaces. Topics include continuity, compactness, cell complexes, and the classification of surfaces. Applications include fixed-point theorems, the Jordan curve theorem, and map colorings. Prerequisites: MA 310 and 335.

MA 458 Introduction to Complex Analysis (1)

Complex numbers, analytic functions, Cauchy-Riemann equations, curves and integrals, Cauchy's Theorem and applications, Taylor and Laurent series, analytic continuation, Residue Theorem, harmonic functions, and conformal mappings. Prerequisites: MA 310 and 335.

MA 461 Real Analysis I (1)

A rigorous treatment of sequences, limits, continuity, differentiation, infinite series, sequences and series of functions, uniform convergence and its implications for function series. Prerequisites: MA 310 and 335.

MA 462 Real Analysis II (1)

A continuation of MA 461. Topics include integrals, derivatives, and functions of several variables. Prerequisites: MA 317 and 461.

MA 499 Senior Project in Mathematics (1)

Special topics in mathematics beyond the scope of the regularly offered courses, expanding on previous knowledge or introducing new material that requires significant mathematical maturity. Seniors may be required to do a research project and/or give an oral presentation in addition to completing all other assignments. Prerequisite: one 300-level mathematics course and consent. Interim.

Modern Foreign Language (MFL)

Humanities

Specific language taught, course designation, and title will vary.

Major Requirements

No major or minor is offered in modern foreign language.

See the French, German, and Spanish sections of this catalog for requirements in individual languages.

*Courses in Modern Foreign Language***MFL 101 Elementary Foreign Language I (1)**

An introduction to the sounds and structure of language as well as to the culture of native speakers.

Skills emphasized are reading, writing, speaking, and oral comprehension. Specific language taught and course title will vary. (Satisfies Skills Foundations requirement in foreign language and culture.) Fall.

MFL 102 Elementary Foreign Language II (1)

A continuation of MFL 101. Specific language taught and course title will vary. (Satisfies Skills Foundations requirement in foreign language and culture.) Spring.

Music (MS) (MU) (MEd)

Fine and Performing Arts

Bachelor of Arts, Bachelor of Music,

Bachelor of Music Education

Lucerne DeSa, William L. DeVan, Jeff Kensmoe, Jacqueline Leary-Warsaw, Lester Seigel, David J. Smith, J. Lynn Thompson

The mission of the Department of Music is to provide intensive training within the context of a liberal arts college. The Department provides music majors with a distinctive pre-professional program of strength and rigor that seeks to prepare students for graduate or professional school of the first caliber and for professions in music. In the tradition of the professional music school, the program seeks to challenge students musically and intellectually in an environment that cultivates the talent and worldview of each student and simultaneously nourishes a sense of collegiality among the entire student body. In recognition of its role as an academic program in the only nationally recognized liberal arts school in the state, the Department of Music provides all students at the College with exceptional academic and creative opportunities.

The faculty of music offers three degrees: Bachelor of Arts (with concentrations in film music, music literature, music technology, music theory, music performance, and song writing); Bachelor of Music Education; and a Bachelor of Music (with majors in composition, music performance, or sacred music). The faculty also offers a minor in music.

Students who wish to have music as their major subject must demonstrate in an audition that they are sufficiently competent to undertake college-level work in their principal instrument. Students must then advance during their course of study at a rate acceptable to the music faculty, and must achieve the proficiency level specified for their particular field of study.

At the end of two years of college study, a student who seeks to major in any field of music will be interviewed by a committee composed of the faculty of music. After the interview, the student is advised by the music faculty as a whole concerning his or her degree plans and expectations.

Bachelor of Arts in Music*Major Requirements*

Candidates for the Bachelor of Arts degree with a major in music must meet the following requirements (15-17 units):

- (1) music theory and literature core requirements (7 ½ units):

MU 123

MU 151

MU 152

MU 153

MU 154

MU 155

MU 156

MU 158

MU 159
 MU 160
 MU 161
 MU 162
 MU 251
 MU 252
 MU 321
 MU 322

- (2) music performance core requirements (3 units):
 two units in private instruction (MS courses) at the 300 level or above (four terms)
 one unit in ensemble (MU performance courses) completed over four terms
- (3) completion of a music option in film music, music literature, music technology, music theory, performance, or song writing (5-7 units):

Film Music (7 units):

MU 355 Composition: 2 units (four terms)
 MU 358 Advanced Electroacoustic Music 1 unit (one term)
 MU 450 Orchestration: ½ unit (one term)
 MU 122 Introduction to Film Music: 1 unit (one term)
 AR 220 International Film I: 1 unit (one term)
 MU 499 Senior Interim in Film Music: 1 unit (one term)
 public presentation of compositions; may be video with music

Music Literature (5 units)

MU 352 Analysis of Twentieth Century Music: ½ unit (one term)
 MU 452 Form and Analysis: 1 unit (one term)
 MU literature courses at the 400 level: 2 ½ units (five courses)
 MU 499 Senior Interim in Musicology Research: 1 unit (one term)

Music Technology (5 ½ units):

MU 355 Composition: 2 units (four terms)
 MU 358 Advanced Electroacoustic Music: 1 unit (one term)
 MU 351 Counterpoint: ½ unit (one term)
 MU 122 Introduction to Film Music: 1 unit (one term)
 MU 499 Senior Interim in Music Technology: 1 unit (one term)

Students who choose this option are advised to complete CS 170 Introduction to Computing or CS 171 Computers and the Mind's Eye, and PH 102 Physics of Music

Music Theory (4 units):

MU 352 Analysis of Twentieth Century Music: ½ unit (one term)
 MU 355 Composition: 1 unit (two terms)
 MU 351 Counterpoint: ½ unit (one term)
 MU 452 Form and Analysis: 1 unit (one term)
 MU 499 Senior Interim in Music Theory: 1 unit (one term)

Music Performance (5 ¼ units):

additional private instruction in the principal instrument (MS courses) at the 300 level beyond those required for the performance requirement above, and achievement of proficiency level six: 2 units (four terms)

literature in principal instrument (MU 421, 422, 423, or 425): ½ unit (one term)

teaching in principal instrument (Med 341, 343, 345, 347, 349, 435, or 437): ¼ unit (one term)

additional ensemble (MU 112, 142, 211, 215, 217, 242, 341, and/or 343): 1 unit (four terms)

supplement to principal instrument from:

Piano: MU 343 Accompanying: ½ unit (two terms)

Voice: MU 243 Diction for Singers: ½ unit (one term)

Organ: MU 327 History of Organ Design: ½ unit (one term)

Orchestral Instrument: two additional terms of ensemble: ½ unit (two terms)

MU 499 Senior Interim in Performance: 1 unit (one term)

Senior Recital

Song Writing (4 ½ units):

MU 355 Composition: 2 units (four terms)

MU 358 Advanced ElectroAcoustic Music: 1 unit (one term)

MU 351 Counterpoint: ½ unit (one term)

MU 499 Senior Interim in Composition: 1 unit (one term)

Senior Recital

Minor Requirements

The following courses are required (6 units):

MU 123

two units in music theory numbered MU 151 or above

two units in performance numbered MS 310 or above; achieve proficiency level 3

one unit from MU 112, 142, 11, 215, 217, 242, 341, and/or 343

Bachelor of Music Education

In addition to the general education requirements as specified under Requirements for Graduation, candidates for the Bachelor of Music Education degree must meet the following requirements:

- (1) Complete MU 123, 151, 152, 153, 154, 155, 156, 158, 159, 160, 161, 162, 251, 252, 321, 322, 450, and one unit in 371
- (2) EPy 223, 260, 320; ED 199, 201, 319
- (3) MEd 331, 335, 414, 415, 499
- (4) A minimum of four units of credit in the principal instrument, which must be studied at least six regular terms at the 300 or 400 level; proficiency level six must be achieved (for instrument certification, the principal instrument must be a wind or percussion instrument; for vocal/choral certification the principal instrument must be voice, piano, or organ)

- (5) Seven credited terms of study in secondary instruments, which must total a minimum of 2 units (instrument certification must include MEd 341, 343, 345, 347, credit in piano or organ, and achievement of proficiency level two; vocal/choral certification must include MEd 349, 437, 341, 343, 345, 347, credit in piano with achievement of proficiency level two, and credit in voice with achievement of proficiency level one)
- (6) Seven credited terms of a major ensemble; instrument certification: MU 215, 217, 341 (two terms must be in a choir); vocal/choral certification: MU 112, 211, 242, 341
- (7) Satisfactory performance of at least one-half public recital in the principal instrument during the junior or senior year
- (8) Application for admission to, and acceptance into, the Teacher Education Program, preferably at the beginning of the sophomore year (application should be made to the education department: a description of the program in teacher education may be found in the Education section of this catalog)
- (9) Receive a passing grade of 70% or higher on the comprehensive examination covering theory, history, and teaching

Bachelor of Music

Candidates for the Bachelor of Music degree must meet the following requirements:

- (1) Complete MU 123, 151, 152, 153, 154, 155, 156, 158, 159, 160, 161, 162, 251, 252, 321, 322, and 371
- (2) Participate in an ensemble (MU 112, 142, 211, 215, 217, 242, 341, and/or 343) every term throughout the degree program
- (3) Complete the requirements in one of the following concentrations: composition, performance, or sacred music

Composition

To complete a major sequence in composition, a candidate must meet the following requirements:

- (1) Complete MU 351, 352, and 450
- (2) Earn credit in composition each term the student is majoring in composition, with a minimum of six and one-half units in composition gained by taking MU 355 for two or more terms, MU 358, MU 455 for three or more terms, and the senior interim project (MU 499) in composition
- (3) Earn at least four units of credit in the principal instrument at the 300 or 400 level and achieve proficiency level six; if piano or organ is not the principal instrument, earn credit

in piano or organ and achieve proficiency level two (typically 2 units). Lessons in piano should begin the first term the student enrolls in the major to ensure that proficiency level two is reached by the end of the student's sophomore year.

- (4) Complete one unit consisting of four of the following: MEd 341, 343, 345, 347, 349, or the equivalent in MS courses
- (5) Present a single recital of the student's works, typically in the senior year

Music Performance

Classical Guitar

To complete a major sequence in guitar, a candidate must meet the following requirements:

- (1) Complete the following: MU 450; MU 351 and one term of MU 142 or MU 355; one and one-half additional units chosen from courses numbered 300 and above in music history, literature, and theory; MEd 349
- (2) Earn a minimum of nine units in guitar, gained by studying it at least eight regular terms at the 300-400 level and the senior interim term; and achieve proficiency level eight
- (3) Achieve proficiency level two in piano (for a beginner in piano, this requirement will typically be met by studying piano for four terms for a total of two units of credit). Lessons in piano should begin the first term the student enrolls in the major to ensure that proficiency level two is reached by the end of the student's sophomore year.
- (4) Participate for credit in MU 341 for at least two terms
- (5) Perform a satisfactory full public recital on guitar in the senior year, and at least half such a recital in the junior year

Orchestral Instrument

To complete a major sequence in an orchestral instrument, a candidate must meet the following requirements:

- (1) Complete the following: MU 450; MU 351 and one term of MU 142 or MU 355; one and one-half additional units chosen from courses numbered 300 and above in music history, literature, and theory; one of the following: MEd 341, 343, 345, or 347 as appropriate for the major instrument
- (2) Earn a minimum of nine units in an orchestral instrument, gained by studying it at least eight regular terms at the 300-400 level and the senior interim term; and achieve proficiency level eight

- (3) Achieve proficiency level two in piano (for a beginner in piano, this requirement will typically be met by studying piano for four terms for a total of two units of credit). Lessons in piano should begin the first term the student enrolls in the major to ensure that proficiency level two is reached by the end of the student's sophomore year.
- (4) Participate for credit in MU 341 for at least two terms
- (5) Participate for credit for at least six regular terms in MU 215 and/or 217
- (6) Perform a satisfactory full public recital on the student's major instrument in the senior year, and at least half such a recital in the junior year

Organ

To complete a major sequence in organ, a candidate must meet the following requirements:

- (1) Complete the following: MU 423; an additional term of MU 371; MU 351; one and one-half additional units chosen from courses numbered 300 and above in music history, literature, and theory; MU 344; and MU 327
- (2) Earn a minimum of nine units in organ, gained by studying organ at least eight regular terms at the 300-400 level and the senior interim term; and achieve proficiency level eight
- (3) Study piano for at least two terms and pass the technical skills requirement of proficiency level three
- (4) Participate for credit for at least six terms in MU 112 or 211, or a combination thereof
- (5) Participate for credit in MU 343 for at least two terms, each term accompanying a singer
- (6) Perform a satisfactory full public recital on organ in the senior year, and at least half such a recital in the junior year

Piano

To complete a major sequence in piano, a candidate must meet the following requirements:

- (1) Complete the following: MU 421; MEd 435, 436; MU 351 and one term of MU 142 or MU 355; and two units chosen from courses numbered 300 and above in music history, literature, and theory
- (2) Earn a minimum of nine units in piano, gained by studying piano at least eight regular terms at the 300-400 level and the senior interim term; and achieve proficiency level eight
- (3) Earn ensemble credit, which must include two terms in either MU 112 or 211, two terms in MU 341, and two terms in MU 343

- (4) Perform a satisfactory full public recital on piano in the senior year, and at least half such a recital in the junior year

Voice

To complete a major sequence in voice, a candidate must meet the following requirements:

- (1) Complete the following: MU 425; MEd 437; an additional onehalf unit of MU 371; MU 351 and one term of MU 142 or MU 355; and two units chosen from courses numbered 300 and above in music history, literature, and theory
- (2) Earn at least seven units in voice, gained by studying voice at least eight regular terms at the 300-400 level and the senior interim term; and achieve proficiency level eight
- (3) Earn credit in piano, and achieve proficiency level two (for a beginner in piano, this requirement will typically be met by studying piano for four terms for a total of two units credit). Lessons in piano should begin the first term the student enrolls in the major to ensure that proficiency level two is reached by the end of the student's sophomore year.
- (4) Earn two units each in two foreign languages chosen from French, German, and Italian (this requirement is met in part by the general education requirement in foreign language and culture; the requirements for a second language may be waived if the student passes a proficiency test in that language)
- (5) Earn ensemble credit, which must include MU 242 for four terms and MU 112 or 211 for four terms; credited interim units in ensemble or opera performance may replace one term of MU 242
- (6) Complete one unit of ThA 120
- (7) Perform a satisfactory full public recital in voice in the senior year, and at least half such recital in the junior year

Sacred Music

To complete a major sequence in sacred music, a candidate must meet the following requirements:

- (1) Complete MU 241, 330, 351, 431 and 432, 435, MEd 339, and one term of MU 142, or 355; an additional term of MU 371; and MU 423 or 427
- (2) Earn a minimum of four units in the principal instrument at the 300 or 400 level and achieve proficiency level six
- (3) Earn a minimum of three units in the secondary instrument or instruments. Also, achieve at least proficiency level two in piano or organ, and at least proficiency level two in voice

- (4) Complete at least one unit of MU 341 or 343; this requirement is in addition to the ensemble requirement for the Bachelor of Music degree listed above; organists take MU 344 as ½ unit of this requirement
- (5) Perform a satisfactory public half recital on the principal instrument in the senior year
- (6) One unit in Biblical studies (RE 205 or 215)
- (7) Complete the senior interim project (MU 499) in sacred music

Courses in Music

(Private Lessons in Performance; Courses in Performance; Courses in Music Theory and Composition; Courses in Music History and Literature; Courses in Music Education and Pedagogy)

Private Lessons in Performance

Candidates for degrees in music are assigned a proficiency level at the end of their first year of study. They are then required to advance during their course of study at a rate acceptable to the music faculty. Each student must achieve the proficiency level specified for his or her field of study. An explanation of the different proficiency levels for each instrument is available from the music faculty and in the Music Students' Handbook.

Candidates for baccalaureate degrees in areas other than music may also earn credit for private lessons in music.

MS 100 Beginning Group Piano (¼)

An introduction to the piano for non-majors and for music majors who need to develop basic piano skills. Emphasis is on development of applied piano skills and understanding of fundamental music concepts. No prerequisites. Fall, Spring.

MS 110 Piano (¼)

MS 120 Voice (¼)

MS 130 Organ (¼)

MS 140 Strings (¼)

MS 150 Woodwind, Brass, or Percussion (¼)

MS 160 Classical Guitar (¼)

One-half hour weekly of private instruction. A minimum of five hours of practice a week is required. These courses are either electives or secondary instruments for the B.A., B.M., and B.M.E. degrees. MS 100-level courses cannot count as credit for the principal instrument requirement for any music degree or minor in music. Students enrolled in these courses are required to attend performance and repertoire courses. Additional fee.

MS 310 Piano (½)

MS 320 Voice (½)

MS 330 Organ (½)

MS 340 Strings (½)

MS 350 Woodwind, Brass, or Percussion (½)

MS 360 Classical Guitar (½)

One hour weekly of private instruction. A minimum of ten hours of practice a week is required. These courses are electives for the B.A. and B.M. degrees; or principal instruments for the B.A., B.M., and B.M.E. degrees. Students enrolled in these courses are required to attend performance and repertoire courses. Additional fee.

MS 410 Piano (1)

MS 420 Voice (1)

MS 430 Organ (1)

MS 440 Strings (1)

MS 450 Woodwind, Brass, or Percussion (1)

MS 460 Classical Guitar (1)

One hour weekly of private instruction. A minimum of twenty hours of practice a week is required. These courses are principal instruments for the B.M. degree candidate or for junior and senior music majors for the B.A. and B.M.E. degrees. Students registered are required to attend performance and repertoire courses. Additional fee.

Courses in Performance

All courses in music performance satisfy the Skills Foundations requirement in creative art. To satisfy the requirement, students must complete one unit.

MU 112 Southern Chorale (¼)

A treble-voice chorus for students who wish the experience of concerted singing. May be repeated for credit. Fall, Spring.

MU 113 Chamber Orchestra (¼)

An orchestral ensemble performance opportunity. Students will rehearse and perform with the Red Mountain Chamber Orchestra (Birmingham-Southern's chamber orchestra in residence) or other approved orchestral ensemble. May be repeated for credit. Fall, Spring.

MU 142 New Music Ensemble (¼)

An ensemble specializing in contemporary music performance and techniques. Fall, Spring.

MU 211 Concert Choir (¼)

A mixed ensemble that gives at least one performance of a major choral work each term, and tours annually. May be repeated for credit. Fall, Spring.

MU 215 Wind Ensemble (¼)

Large instrumental ensemble for the performance of music for wind ensemble and similar groups. May be repeated for credit. Fall, Spring.

MU 217 Jazz Band (¼)

An instrumental ensemble for the study of music for the dance orchestra and the development of popular styles. Emphasis is on recent stage band and lab band repertory. May be repeated for credit. Fall, Spring.

MU 242 Opera Workshop (¼)

The study and performance of operas and excerpts from operatic literature. May be repeated for credit. Fall, Spring.

MU 341 Ensemble (¼)

Instrumental and vocal performance in small chamber ensembles characterized by having one person to each musical part. Keyboard performers also study accompanying. May be repeated for credit. Fall, Spring.

MU 343 Accompanying (¼)

A course in accompanying vocal or instrumental performers at the piano. This course is required of all piano majors. Fall, Spring.

MU 344 Service Playing (½)

A study of liturgies and their musical requirements with practice in application of selected keyboard skills to the liturgies studied. Prerequisites: MU 252 and proficiency level five in organ.

MU 371 Conducting (½)

Designed to teach the student majoring in music how to train ensembles, to read scores, and to conduct efficient rehearsals. May be repeated for credit (a Leadership Studies designated course). Prerequisite: MU 251. Fall.

MU 431, 432 Practicum in Church Music (¼)

An educational experience in which the student has music program responsibilities in a local church. The course includes weekly on-campus meetings and regular on-site observation of student work by faculty. Prerequisites: MEd 339.

MU 499 Senior Interim in Performance (1)

Senior project for the Bachelor of Arts degree. Prerequisite: senior standing or consent. Interim.

*Courses in Music Theory and Composition***MU 136 Basic Music Skills and Concepts (1)**

A course in basic applied music skills and fundamental music concepts designed for the non-major. (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Fall.

MU 150 Fundamentals of Music (1)

A course in the rudiments of music designed for the non-music major and for majors who need to develop basic skills. (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Spring.

MU 150 Music Rules! Fundamentals of Music Theory Through Service Learning (1)

A course in the rudiments of music designed for the nonmusic major and for majors who need to develop basic skills. The course includes a service-learning component that culminates in the creation of a short song cycle or youth opera appropriate for elementary school children, based on texts provided by children in area schools. To develop relationships with area schools, we will attend cultural events and daytime courses with local elementary students during the semester, and create musical works in collaborative partnerships with them. This course is typically offered as a First-Year Foundations course. (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Fall.

MU 151 Elementary Theory I (½)

Notation, scales, and keys; cadence patterns, chord classification, and basic harmonic progressions; fourvoiced writing using triads and the dominant seventh chord and their inversions. (Satisfies Disciplinary Foundations requirement in fine and performing arts when taken concurrently with MU 153 and MU 159.) Prerequisite: MU 150 and enrollment in MU 153 and 159. Fall.

MU 152 Elementary Theory II (½)

A continuation of Elementary Theory I. To be taken concurrently with MU 154 and 160. Prerequisites: MU 151 and concurrent enrollment in MU 154 and 160. Spring.

MU 153 Ear Training I (¼)

A course in sight singing and music dictation skills of diatonic melodies, simple rhythms, triads, and intervals. This course is to be taken concurrently with MU 151. Prerequisite: enrollment in MU 151.

MU 154 Ear Training II (¼)

A course in sight singing and music dictation skills of diatonic melodies and compound rhythms in treble, bass, alto, and tenor clefs, and diatonic triads. Prerequisites: MU 153 and enrollment in MU 152.

MU 155 Ear Training III (¼)

A course in sight singing and music dictation skills of melodies involving secondary chords and modulation, complex rhythms, and all diatonic triads and seventh chords. Prerequisites: MU 154 and enrollment in MU 251.

MU 156 Ear Training IV (¼)

A course in sight singing and music dictation skills of melodies involving chromatic harmony, all triads and seventh chords, mixed meters, and soprano and bass dictation from fourpart harmonic progressions. Prerequisites: MU 155 and enrollment in MU 252.

MU 158 Music Technology (½)

An introduction to music technology, which covers computer notation, recording techniques, MIDI sequencing, and file storage as related to music. (Satisfies Skills Foundations requirement in creative art.) Fall.

MU 159 Keyboard Harmony I (¼)

A course in basic applied skills in performing, transposing, and harmonizing simple melodies on the keyboard. Prerequisite: enrollment in MU 151.

MU 160 Keyboard Harmony II (¼)

A course in basic applied skills in performing, transposing, and harmonizing diatonic melodies on the keyboard. Prerequisites: MU 159 and enrollment in MU 152.

MU 161 Keyboard Harmony III (¼)

A course in basic applied skills in performing, transposing, and harmonizing melodies which contain secondary dominant chords and modulation on the keyboard. Prerequisites: MU 160 and enrollment in MU 251.

MU 162 Keyboard Harmony IV (¼)

A course in basic applied skills in performing, transposing, and harmonizing melodies containing chromatic harmonies on the keyboard. Prerequisites: MU 161 and enrollment in MU 252.

MU 251 Advanced Theory I (½)

The use of secondary seventh chords and chromatically altered chords; analysis of style and texture in nineteenth-century literature; elementary composition. Prerequisites: MU 152 and enrollment in MU 155 and 161. Fall.

MU 252 Advanced Theory II (½)

A continuation of Advanced Theory I, with emphasis on twentieth-century compositional techniques. Prerequisites: MU 251 and enrollment in MU 156 and 162. Spring.

MU 293, 393, 493 Independent Study in Music Theory and Composition (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

MU 298, 398, 498 Teaching Experience in Music Theory and Composition (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog. Teaching experience courses may not count towards requirements for any music degree.

MU 351 Counterpoint (½)

A study of the art of writing counterpoint. Prerequisite: MU 252. Spring.

MU 352 Theory of Twentieth-Century Music (½)

An analytical survey of twentieth-century music. The course includes detailed study of the major works of the twentieth century. Prerequisite: MU 252. Spring.

MU 355 Composition (½)

Elementary principles of composition with an emphasis on small forms and logical organization of musical ideas. (Satisfies Skills Foundations requirement in creative art when repeated for credit.) Fall, Spring.

MU 358 Advanced Electro-Acoustic Music (1)

The study of basic and advanced concepts in electro-acoustic music. Prerequisite: MU 158. Spring.

MU 450 Orchestration (½)

A study of orchestral instruments and the textural elements of orchestral music. Prerequisite: MU 251. Fall.

MU 452 Form and Analysis (1)

An intensive, upper-level music theory course exploring the relationships between (1) music theory and analysis; (2) analysis and musical experiences such as performance, listening, and composing; (3) musical experiences and other art or life experiences. Prerequisite: MU 252.

MU 455 Advanced Composition (1)

Advanced study and practice of music composition. May be repeated for credit. Prerequisite: MU 355. Fall, Spring.

*Courses in Music History and Literature***MU 121 Introduction to Music (1)**

An introductory-level survey of music literature. This course introduces fundamental musical concepts and offers a survey of American vernacular music, music of selected world cultures, and standard repertory of western art music. Development of listening skills is emphasized. (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Fall, Spring.

MU 122 Introduction to Film Music (1)

An introductory-level course on music in films. The music behind films from classic to modern films is studied. (Satisfies Disciplinary Foundations requirement in fine and performing arts.)

MU 123 Literature and Language of Music (1)

A historical and stylistic survey designed for the music major to be taken during the first year. Definition and use of musical terms are emphasized. (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Prerequisite: MU 151.

MU 124 Music in Live Performance (1)

Historical and analytical studies of music which is heard live in concerts and recitals during the current season. The course is designed both for the knowledgeable nonprofessional musician and for the beginning listener. Students attend concerts and recitals in addition to regular courses. (Satisfies Disciplinary Foundations requirement in fine and performing arts.)

MU 126 Music of the World's People (1)

An introductory-level survey of cultures and music outside the tradition of Western European art music (an IC designated course). (Satisfies Disciplinary Foundations requirement in fine and performing arts.)

MU 127 Introduction to the Christian Hymn (1)

Including studies in music history and music fundamentals, this course provides an opportunity to study the singing traditions of Christianity. The first half of the course includes selected hymns from the Middle Ages and continues through the contributions of Martin Luther, Charles Wesley, Isaac Watts, and John Newton. The second half of the course concentrates on American hymns and includes sacred harp (shaped notes, or fasolla singing), gospel, African-American, and contemporary Christian hymns and songs. The course includes fundamentals of music and assumes no prior formal training in music. (Satisfies Disciplinary Foundations requirement in fine and performing arts.)

MU 243 Diction for Singers (½)

A study of Italian, German, and French pronunciation as it applies to solo vocal repertoire. Special emphasis is placed on use of the International Phonetic Alphabet (IPA), analysis of texts, and performance of selected works. This course does not satisfy Foundations requirements in fine and performing arts. Fall.

MU 293, 393, 493 Independent Study in Music History and Literature (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

MU 298, 398, 498 Teaching Experience in Music History and Literature (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog. Teaching experience courses may not count towards requirements for any music degree.

MU 321 Music History I (1)

A study of Western music from the Middle Ages to the eighteenth century, surveying both the literature of music and the data of written history. Prerequisites: MU 123 and 152, and EH 102.

MU 322 Music History II (1)

A continuation of MU 321, beginning with the eighteenth century and extending through major composers of the twentieth century. Prerequisites: MU 123 and 152, and EH 102.

MU 327 History of Organ Design (½)

A study of the historical developments in the mechanical design, tonal disposition, and case design of organs from the ancient Greeks to the present. Prerequisite: enrollment in MU 423.

MU 330 Introduction to Church Music (½)

An examination of the roles of music and musician in the worshiping assembly. The course includes historical and theological dimensions of church music ministry; the development of liturgical traditions and of the Christian year; current practices, problems, and directions; and resources and bibliography.

MU 421 Piano Literature (½)

Music for the piano with emphasis on the standard recital repertory. Prerequisite: MU 151. Spring.

MU 422 Orchestral Literature (½)

A survey of compositions for orchestra (symphonies, overtures, tone poems, and concerti) from the eighteenth, nineteenth and twentieth centuries. Prerequisite: consent. Spring.

MU 423 Organ Literature (½)

An historical survey of music for the organ from the seventeenth century through the present day. Spring.

MU 425 Vocal Literature (½)

A study of a selected vocal repertoire such as art song or opera. Spring.

MU 427 Choral Literature (½)

A survey of choral literature from 1450 to the present, with emphasis on the anthem, cantata, oratorio, mass, motet, and passion since 1600. Fall.

MU 435 Hymnology (½)

History and analysis of hymn texts and tunes. The course includes hymns of the Medieval church; the legacies of Luther and Calvin; English hymnody; American contributions including colonial, sacred harp, revival, and gospel hymns; and twentieth-century hymnody. Special emphasis is placed on the theological framework for each major development in the history of hymnody. Prerequisite: MU 152.

MU 499 Senior Project in Music (1)

An extensive paper, composition, or performance preparation. Prerequisite: senior standing or consent. Interim.

*Courses in Music Education and Pedagogy***MEd 293, 393, 493 Independent Study in Music Education (½ or 1)**

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

MEd 298, 398, 498 Teaching Experience in Music Education (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog. Upon invitation, and with the approval of their advisors, sophomore, junior, and senior students may register for no more than one term in this course.

MEd 331 Elementary School Music Methods (1)

Classroom procedures in music, including song materials, recordings, characteristics of elementary school students, scheduling, equipment, and teacher qualifications. Prerequisite: MU 152. Fall, Spring.

MEd 335 Secondary School Music Methods (1)

Classroom procedures in music for high school, including song materials, records, characteristics of high school students, scheduling, equipment, and teacher qualifications. Prerequisite: MU 152. Fall, Spring.

MEd 339 Materials and Methods for Church Musicians (½)

A survey of music resources for choirs of all ages, with emphasis on the music program of the small church. The course also considers the organization and development of a comprehensive church music program.

MEd 341 Teaching Strings (¼)**MEd 343 Teaching Woodwinds (¼)****MEd 345 Teaching Brass Instruments (¼)****MEd 347 Teaching Percussion Instruments (¼)****MEd 349 Teaching Fretted Instruments (¼)**

Elementary class instruction in techniques and teaching methods for each group of instruments. Emphasis is given to performance on a single instrument in the group. Prerequisites: MU 152. MEd 341, Fall; MEd 343, Fall; MEd 345, Spring; MEd 347, Spring; MEd 349, Spring.

MEd 414 Teaching Internship VI (1¼)

A minimum of 150 clock hours in observation and practice teaching in public school music courses. Prerequisite: admission to Teacher Education Program. Fall, Spring.

MEd 415 Teaching Internship VII (1¼)

A continuation of MEd 414 to include at least an additional 150 clock hours of observation and practice teaching. Prerequisite: admission to Teacher Education Program. Fall, Spring.

MEd 435 Piano Pedagogy I (¼)

Materials and methods of teaching the piano. Fall.

MEd 436 Piano Pedagogy II (¼)

A continuation of MEd 435. Prerequisite: MEd 435. Spring.

MEd 437 Vocal Pedagogy (½)

Various methods of teaching singing, vocal anatomy, acoustical analysis, vocal dysphonias, and vocal health issues. Fall.

MEd 499 Senior Project in Music Education (1)

Senior project for the Bachelor of Music Education degree. Prerequisite: senior standing or consent. Interim.

Philosophy (PL)

Humanities

Bachelor of Arts

Steven Hendley, William Myers

In the western world philosophers from Plato to Whitehead have attempted to do systematically and consistently what every reflective person does fragmentarily and haphazardly: to reflect on beliefs about the physical world, moral and religious commitments, aesthetic experiences, relations of the individual to the community, and other phases of human experience. In doing so philosophers have hoped to deepen their insights into the meaning of human existence and to explore the possibilities for individuals to participate creatively in the reconstruction of their values to meet the new conditions of the contemporary world.

In this process philosophers have also undertaken to examine critically what is elsewhere taken for granted. In doing so they have developed analytical techniques such as various systems of logic, studies of the nature and limits of the human understanding, and linguistic analysis.

Collegiate courses in philosophy are invitations to modern undergraduates to participate in this intellectual heritage and to develop analytical techniques essential to it.

Major Requirements

The following courses are required (9 units):

PL 241 (PL 350 may substitute, with consent)

PL 250

PL 251

PL 252

PL 253

three units in PL numbered 300 and above (except PL 498)

PL 470

Recommended supporting courses for the philosophy major include foreign language competency at the third course level (normally German or French) and a four- or five-course sequence in a related field, such as English and the fine arts; history and political science; mathematics; psychology and sociology; or religion.

Minor Requirements

The following courses are required (5 units):

PL 250

PL 251

PL 252

one unit in PL at the 300 level or above

one elective unit in PL

Graduation with Disciplinary Honors in Philosophy

Philosophy majors may graduate with honors in philosophy by fulfilling the following requirements:

- (1) Complete the requirements for a major in philosophy.
- (2) Attain a 3.50 or better grade point average in all courses taken at Birmingham-Southern College.
- (3) Attain a 3.50 or better grade point average in all philosophy courses taken at Birmingham-Southern College.
- (4) Submit a proposal for an Honors research project to be substantially developed during the senior seminar in philosophy. This project must meet the standard qualifications for enrollment in the senior seminar with the additional qualification of a 2025page paper that earns a grade of "A" or better.

*Courses in Philosophy***PL 200 Ethical Choice (1)**

A beginninglevel course about moral decisionmaking. Part of the course focuses on case studies of ethical choices pertaining to property, welfare, violence, punishment, war, and similar topics. The other part of the course is an introduction to ethical theory focusing on the processes by which moral norms are established and critically evaluated.

PL 201 Introduction to Philosophy (1)

Basic problems and forms of inquiry that have shaped the Western philosophical heritage. The course may focus on problems of morality, religion, political philosophy, and theories about the nature and limits of human knowledge.

PL 202 Ethical Issues in Business (1)

A look at some of the major ethical issues facing American businesses today. The approach of the course is to bring the analytical and conceptual tools of ethical theory to major business concerns. In addition to studying such applied issues as corporate social responsibility, affirmative action, and employee rights, the course also has a strong theoretical component.

PL 206 Darwinism and Philosophy (1)

An examination of philosophical questions raised by a Darwinian account of the evolution of life such as the creation-evolution debate, evolutionary accounts of altruism, morality, free will, and human behavior generally. Also listed as HON 206, this course may be counted by Honors Program students toward fulfillment of their course requirements.

PL 207 Human Destiny (1)

An Investigation into differing philosophical accounts of human existence and the idea of destiny. The aim is to discover ways we might respond to enduring philosophic questions concerning human destiny within a multicultural context. Topics include the meaning of life, the relationships between soul and body, death and value, anthropocentrism and teleology, gnosis and salvation, science and religion, freedom and prediction, et al. Typically offered as a First-Year Foundations course.

PL 241 Logic (1)

A study of semantics, traditional deductive logic, and an introductory approach to symbolic logic.

PL 250 Contemporary Philosophy (1)

An examination of the major themes of philosophy in the twentieth century with particular emphasis on the way skeptical doubts concerning the idea and attainability of truth have issued in an increasingly dominant form of cultural relativism in such diverse arenas as law and literature, anthropology, the history of science, and moral and political theory.

PL 251 History of Western Philosophy I (1)

Ancient philosophy from Thales to Plotinus (an IC designated course).

PL 252 History of Western Philosophy II (1)

Modern philosophy from Descartes through Kant.

PL 253 Ethical Theory (1)

An examination of the theoretical grounds of ethical reasoning encompassing such issues as the respective roles of reason and emotion in ethical judgment, utilitarian and social-contract conceptions of justice, and the reality of ethical values.

PL 293, 393, 493 Independent Study in Philosophy (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

PL 298, 398, 498 Teaching Experience in Philosophy (½ or 1)

A teaching experience course. Upon invitation, qualified students participate in first-year and sophomore courses as docents. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

PL 302 Existentialism (1)

An examination of major issues and problems arising from the existentialist tradition in philosophy through a treatment of one or two representative figures. Prerequisite: one previous course in PL (except PL 241).

PL 303 Socialism (1)

An examination of some of the philosophical, political, and economic claims of modern socialists, beginning with and emphasizing Marx, but also moving beyond Marx and Marxism into the work of contemporary socialists who stress the democratic character of socialism and the need for a socialist market economy. Prerequisite: one previous course in PL (except PL 241).

PL 304 Topics in American Philosophy (1)

An examination of some aspect of American philosophy. The focus of this course may vary each time it is offered: for example, Jonathan Edwards and the Puritans, the philosophy of the "founding fathers," Transcendentalism, American Pragmatism, NeoPragmatism. With the permission of the philosophy faculty, students may enroll more than once for credit, provided that the focus of the course is different. Prerequisite: one previous course in PL (except PL 241).

PL 307 Environmental Ethics (1)

A study of one or more of the current trends and theories in environmental ethics. The course may focus on areas such as deep ecology, ecofeminism, sustainability, process ecology, environmental pragmatism, and others (a Leadership Studies designated course). Prerequisite: one previous course in PL (except PL 241).

PL 308 Topics in Metaphysics and Epistemology (1)

An examination of questions in contemporary metaphysics and epistemology concerning the nature of our knowledge of the world and different conceptions of reality which come into play in our idea of what there is in the world. The focus of the course may vary with different questions being highlighted: for example, questions concerning the objectivity of moral values, the dominance of science in our understanding of reality, the identity of consciousness and neurophysiological processes, the relation of knowledge to experience and reason, and the capacity of truth to transcend our capacity to know it. With the permission of the philosophy faculty, students may enroll more than once for credit, provided that the focus of the course is different. Prerequisite: one previous course in PL (except PL 241).

PL 350 Symbolic Logic (1)

Fundamentals of symbolic logic, including both sentential and quantificational logic. Prerequisite: PL 241.

PL 360 Postmodernism and Philosophy (1)

An examination of some of the ways postmodern perspectives have impacted recent philosophy with respect to questions about the nature of language, reason, community and justice. A major contemporary alternative to postmodernism is also assessed in order to establish a critical dialogue concerning the strengths and weaknesses of our "postmodern condition." Prerequisite: one previous course in PL (except PL 241).

PL 361 Topics in Philosophy of Religion (1)

An examination of some issues in the philosophy of religion primarily in the Western tradition. Potential topics include the problem of evil, the nature of God, proofs for God's existence, the nature of faith, and nontraditional concepts of God (e.g., process theology, feminist theology). With the permission of the philosophy faculty, students may enroll more than once for credit, provided that the focus of the course is different. Prerequisite: one previous course in PL (except PL 241).

PL 470 Senior Seminar in Philosophy (1)

A research seminar that examines a significant body of philosophical literature and utilizes a student's accumulated knowledge and skills in the discipline. A substantial paper is required. All students enrolled in the course will meet in a seminar to discuss the progress of their projects. Prerequisites: at least two 300-level PL courses, and at least three years of college coursework.

Physics (PH)

Science and Mathematics

Bachelor of Science

Duane Pontius, Mark E. Rupright

Physics majors fall into two categories: (1) those who do not plan a career in physics but may be interested, for example, in the teaching of physics in secondary schools, or continuing their professional training in some area such as medicine or law; and (2) those who intend that the bachelor's degree will be their terminal degree, or who plan to do graduate work in physics.

Prospective majors are advised to begin physics in their first year and to complete MA 231 and 232 as soon as possible.

Courses required for the physics major may be used to meet minor requirements in mathematics.

Major Requirements

The following courses are required (13 units):

PH 121 and 122
 PH 201 and 301
 PH 303 and 304
 PH 402 and 404
 PH 410
 PH 499
 CH 121 or CH 149
 MA 231 and 232

Students who expect to work professionally in the field of physics or attend graduate school in physics or engineering should additionally take PH 412, MA 310, and MA 311. Students wishing to prepare for teaching physics in secondary schools should complete the physics major and confer with the education department concerning additional requirements in education.

Minor Requirements

The following courses are required (5 units):

PH 121 and 122
 PH 201
 PH 301 or 303
 PH 304, 402, or 404

*Courses in Physics***PH 101 Survey of the Physical Sciences (1)**

A survey of the fields of physics, chemistry, earth sciences, and astronomy with emphasis on environmental and other practical applications. Three lectures and one laboratory period per week. This course may not be substituted for PH 121 in the physics major program. (Satisfies Disciplinary Foundations requirement in a laboratory science.) Prerequisite: MA 115 or equivalent.

PH 102 The Physics of Music (1)

An introduction to the principles of physics through a broad study of musical instruments, musical scales, human hearing, and electronic sound reproduction and synthesis. Hands-on laboratory exercises allow students to play and study the operation of actual musical instruments and common audio equipment. Three lectures and one laboratory period per week. (Satisfies Disciplinary Foundations requirement in laboratory science.)

PH 103 Energy and the Environment (1)

An introduction to the physical principles underlying energy production, use, and environmental impact. Topics include electrical power generation and transmission; the design and efficiency of heat engines; and environmental effects such as pollution and resource depletion. One lecture and one laboratory period per week. (Satisfies Disciplinary Foundations requirement in laboratory science.) Prerequisite: MA 115 or equivalent.

PH 121 General Physics I (1)

Mechanics of linear and rotational motion, oscillations, and waves, using vectors and calculus. The sequence PH 121122 fulfills the requirements of students who are majoring in physics, chemistry, or mathematics. This sequence is a prerequisite for all physics courses of higher number. Two lectures and one laboratory period per week. Tutorial sessions are offered each week. Prerequisite: credit in or current enrollment in MA 231. Fall, Spring.

PH 122 General Physics II (1)

Thermodynamics, electricity, and magnetism, electrical circuits, and geometrical optics of lenses and mirrors. Two lectures and one laboratory period per week. Prerequisite: PH 121. Spring, Summer.

PH 201 Mathematical Tools for Physics (1)

A mathematically focused examination of a broad range of physics subjects. Serving to bridge introductory and advanced physics courses, we apply advanced mathematical techniques to familiar physical problems from mechanics and electromagnetism. Prerequisites: PH 122 and MA 232.

PH 293, 393, 493 Independent Study in Physics (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

PH 298, 398, 498 Teaching Experience in Physics (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

PH 301 Modern Physics (1)

Special relativity, quantum theory of light, and wave mechanics of matter. Applications of wave mechanics to atomic and molecular physics. Three lectures and one laboratory period per week. Prerequisite: credit in or current enrollment in PH 201. Fall.

PH 303 Optical Physics (1)

Electromagnetic waves: reflection, refraction, dispersion, and absorption. Geometrical optics of lens and mirror systems. Physical optics of polarization, coherence, interference, and diffraction. Three lectures and one laboratory period per week. Prerequisite: credit in or current enrollment in PH 201. Fall.

PH 304 Thermal Physics (1)

Classical and quantum statistical mechanics of manyparticle systems. Statistical ensembles and probability distribution functions. Applications to thermodynamics, kinetic theory of gases, solid-state physics, and lowtemperature physics. Prerequisite: credit in or current enrollment in PH 201. Spring.

PH 402 Classical Mechanics (1)

Principles and applications of classical mechanics using vectors, tensors, and calculus. Kinematics and dynamics of a particle, harmonic motion, central forces, linear and angular momentum, and rigid-body mechanics. Three lecture periods each week. Prerequisite: PH 201. Spring.

PH 404 Electricity and Magnetism (1)

Electric and magnetic fields and their interaction with material matter, direct and alternating current circuits, Maxwell's equations, and electromagnetic theory of radiation. Three lecture periods each week. Prerequisite: PH 210. Spring.

PH 410 Research in Physics (1)

Advanced guided inquiry in a subject (theoretical, computational, or experimental) selected by the student in consultation with a member of the physics faculty. Requirements include a paper written in the style of a scientific journal article and an oral presentation to students and faculty. Prerequisite: PH 122 and consent.

PH 412 Quantum Mechanics (1)

The postulates of quantum mechanics, solutions of the Schrödinger equation for systems in one and three dimensions, matrix representations, angular momentum operators, approximation methods, and time dependence. Prerequisites: PH 402.

PH 499 Senior Project in Physics (1)

Independent research in a subject (experimental or theoretical) that brings to bear the student's accumulated knowledge and skills in the discipline. A project report, written in the style of a scientific journal article, is required. Prerequisite: senior standing or consent. Interim.

Political Science (PS)

Bachelor of Arts

Behavioral and Social Sciences

Natalie M. Davis, Vincent T. Gawronski, Mary-Kate Lizotte, Robert J. Slagter

Political science is the analysis of power dynamics within and between societies and nation-states. We conduct theoretical and practical analysis to explore, explain, and predict political behavior at the individual, group and institutional levels. Comparative studies of the United States, Europe, Latin America, and Asia as well as insights from sociology, political psychology, media studies, and economics are utilized in the study of power across cultures. The results of research need to be communicated to a variety of audiences; we work together to develop the skills to do this effectively. Our students are encouraged to participate in internships, collaborate with practitioners, and work in political settings.

The political science major is intended for those students who wish to attend law school, pursue graduate studies, enter public service, or work in the private for-profit or non-profit sectors. In recent years, political science majors have gone on to become Truman Scholars, Fulbright and Rotary scholarship winners, elected public servants, lobbyists and policy analysts, noted lawyers, business entrepreneurs, Foreign Service Officers, journalists, authors, and community leaders.

Major Requirements

Prerequisites: Normally, PS 101 will be a prerequisite for all other courses in American government, and PS 238 will be a prerequisite for all other courses in comparative government. Students are encouraged to take these courses during their first year. PS 204 and 304 should be taken during the sophomore year.

The following courses are required (11 units):

- PS 101
- PS 204 and 304
- PS 238
- PS 470
- PS 472
- five elective units in PS with at least three at the 300-400 level

Minor Requirements

Teaching experience courses may not count toward the minor.

The following courses are required (5 units):

- PS 101
- PS 238
- one elective unit in PS (PS 204 and 304 are strongly recommended)
- two units in PS at the 300 level or above

Graduation with Disciplinary Honors in Political Science

The award of disciplinary honors in political science reflects a “value added” experience for those who seek additional work and more research experience in the discipline, and a better understanding of political science as a profession. Receiving disciplinary honors not only signifies success in coursework, it also rewards work in the discipline that goes beyond minimum requirements and that shows evidence of academic rigor. Students with a major or minor in political science or an associated interdisciplinary major that requires PS 204, 304, 470 and 472 are eligible for disciplinary honors.

Candidates for disciplinary honors in political science must fulfill the following requirements:

- (1) Attain a minimum 3.00 grade point average in courses taken at the College.
- (2) Attain a minimum 3.70 average for courses in political science.
- (3) Earn at least one unit of credit in a teaching experience in political science (PS 398 or 498) or an internship in political science.
- (4) Demonstrate disciplinary depth, analytical skill, and intellectual insight and originality in the completion of the senior capstone project and conference (PS 470 and 472), as evaluated and determined by the political science faculty.

Courses in Political Science

PS 101 Introduction to American Government and Politics (1)

A survey of research on the institutions of American government—the Presidency, the Congress, and the Supreme Court—and on political behavior at the mass, elite, and organizational levels. Questions of democratic theory are applied to the American context. Fall, Spring.

PS 111 Humor and the Cynical Political Mind (1)

Examines politics and political issues through the perspective of humor, satire, and parody. The significance and impact of humor on the political process and on political knowledge will be explored, and a variety of humorous forms will be analyzed, including editorial cartoons, comic strips, late night television, situation comedies, radio talk shows, movies, and books. An emphasis will be placed on politics in the United States. Typically offered as a First-Year Foundations course.

PS 180 From Babylonia to Redlands: Maps and Our Environment (1)

An exploration and critical examination of the history, uses of, and changing significance of mapping, particularly related to the environment. Readings, discussions, collaborative activities, and hands-on exposure to geographic information systems (GIS, or electronic mapping software) will comprise the bulk of course activities. Although the focus is on the environment, students will find the knowledge and skills developed in this course applicable to numerous fields of inquiry. Typically offered as a First-Year Foundations course. (Also listed as UES 180.)

PS 195 Talk, Talk, Spin, Spin: Politics, Media, and Political Culture (1)

Explores the relationship between politics, media, and political culture. The course examines relevant literature and focuses primarily on the impact of television, print journalism, political advertising, public opinion, and popular culture on the norms and values which undergird the American political system. Typically offered as a First-Year Foundations course. Fall.

PS 204 Survey Data Analysis and Statistics (1)

Theory and practice in formulating hypotheses and evaluating them by analyzing secondary sources of data with statistical analysis software. Emphasis is placed on data management, data analysis, the use of appropriate statistics, and the interpretation of statistical output. Though intended as a prerequisite for EC 304, PS 304 or SO 304, this course can help any student develop analytical skills. Laboratory required. (Also listed as EC 204 and SO 204, this course may be counted for credit in economics, political science or sociology.) Prerequisites: EC 201 or EC 202 or PS 101 or SO 101; and MA 115 or above. Fall.

PS 210 Environmental Problems and Policy (1)

An introduction to U.S. and international policies that address our many significant environmental problems. There are more than 30 major U.S. environmental laws, and over 300 international agreements addressing environmental issues ranging from transboundary air pollution to trade in endangered species to nuclear non-proliferation. Selected U.S. and international policies and processes are highlighted, and challenges and successes of U.S. and international environmental policy are explored. (Satisfies Disciplinary Foundations requirement in behavioral and social sciences; also listed as UES 210.) Fall.

PS 235 Introduction to International Relations (1)

An introduction to the study of international relations focusing on interactions of post Cold War international systems and actors.

PS 238 Introduction to Comparative Politics (1)

Development and application of a theoretical framework for the comparative study of government and politics. Western European countries provide the substantive material for this course (an IC designated course). Spring.

PS 240 Introduction to Latin American Politics (1)

An introduction to the study of politics in Latin America since its wars of independence. Major themes such as the political legacy of colonialism and the quest for democratic rule are presented within the context of individual countries' experiences (a Leadership Studies designated course; an IC designated course).

PS 250 The Public Policy Process (1)

A comparative analysis of the politics of public policy making. Emphasis is placed on major policy questions which confront national and local governments.

PS 293, 393, 493 Independent Study in Political Science (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

PS 298, 398, 498 Teaching Experience in Political Science (½ or 1)

A teaching experience course. Upon invitation, qualified students may register for this course. Coursework will include directed readings and inquiry into selected areas in politics and government. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

PS 300 Women and Politics (1)

An examination of the political implications of gender in the American context. The relationship between gender and public policy is considered with a focus on a number of policy areas that have a notable impact on women. Next, the extent to which gender influences political attitudes and behavior is examined with an emphasis on gender differences in public opinion. The final section of the course focuses on women's participation in political life including women as political candidates and office holders.

PS 304 Research Methodology (1)

The scientific method applied to economic, social and political phenomena: formulating hypotheses; techniques for collecting data, measuring variables, and interpreting research findings. The course includes a laboratory in which statistical procedures are applied, interpreted, and documented through completion of a significant research project. Laboratory required. (Also listed as EC 304 and SO 304, this course may be counted for credit in economics, political science or sociology.) Prerequisite: EC 204 or PS 204 or SO 204. Spring.

PS 306 Ethics, Public Policy, and Public Service (1)

An examination of topics related to the content of public policy and the conduct of public officials in the United States from the perspective of applied ethics. Also listed as HON 306, this course may be counted by Honors Program students toward fulfillment of their course requirements (a Leadership Studies designated course). Spring.

PS 307 Civil Rights and Justice (1)

A review of the Civil Rights Movement in the South, focusing on the judicial process and the role of the courts, followed by an examination of contemporary issues in housing, education, and employment—issues that reflect the continuing struggle to achieve full civil rights and justice. Also listed as HON 207, this course may be counted by Honors Program students toward fulfillment of their course requirements (a Leadership Studies designated course; an IC designated course). Prerequisite: consent.

PS 325 Contemporary Southern Politics (1)

An in-depth review of the literature on Southern politics as well as an opportunity for students to complete original research. Primary emphasis is placed on contemporary Southern political behavior, including parties and elections, voting behavior, and the politics of race. Also listed as HON 325, this course may be counted by Honors Program students toward fulfillment of their course requirements (a Leadership Studies designated course).

PS 330 Constitutional Law: The Rights and Privileges of the Individual (1)

The guarantees of the rights of person and property as reflected by Supreme Court decisions balancing individual and governmental power. Prerequisite: PS 101.

PS 333 Politics, The Media, and American Democracy (1)

An advanced course exploring the relationship between politics, media, and mass publics. Emphasis is placed on key issues that are implicit in this discussion: How influential are the media? Do the media create or simply mirror our politics? Do they control political elections or facilitate them? What influence, if any, does the public have on the content of the mass media, and how do the media affect the lives of people? To what extent have new technologies changed the basic nature of American politics? Do the media play a role in how we define democracy and democratic values? This course is not open to students who have taken PS 195. Prerequisites: PS 101 and at least sophomore standing.

PS 335 Organizational Behavior and Public Administration (1)

Problems of the public service; the roles of the bureaucracy in relation to public policy, clients, and society. Prerequisite: PS 101.

PS 338 Comparative Political Behavior (1)

An advanced course in analysis of recent studies in comparative politics, including political parties, interest groups, institutions, ideologies, and political change (an IC designated course). Prerequisite: PS 238.

PS 340 Comparative Elite Behavior (1)

A cross-national survey of political, social, and economic elites with emphasis on industrialized societies. Topics include leadership, who governs, belief systems, recruitment, socialization, and elite-mass relationships (a Leadership Studies designated course).

PS 342 Comparative Political Development (1)

An introduction to theories and strategies of political development. Emphasis is placed on applying the theories to a developing nation or area (an IC designated course). Prerequisite: PS 238.

PS 345 American Political Behavior (1)

Dominant patterns in political culture analyzed for their effect on socialization, elections, and public policy. Ideological, social, and technological change provide the substance for a critique of methodologies. An examination of the role of the media is included. Prerequisite: PS 101.

PS 361 Politics in China and Japan (1)

An examination of the current political systems of the two countries with focuses on political culture, elites and masses, political institutions and processes, current issues, and political change (an IC designated course). Also listed as HON 361, this course may be counted by Honors Program students toward fulfillment of their course requirements. Prerequisite: PS 238.

PS 365 Metropolitan Government and Politics (1)

Growth and development of American cities; their political organization, functions, legal powers, and position in the federal system. Prerequisite: PS 101.

PS 366 Politics of Mexico and Central America (1)

An exploration of the political culture and institutions of Mexico and Central America, focusing on the effects of globalization, economic integration, regime type, political change, and the role of the United States. The region's vast diversity and complexities are examined but with an emphasis on the interdependent nature of country relationships. Prerequisite: PS 238 or 240.

PS 368 Political Violence (1)

An examination of the sources, evolution, and outcomes of political violence and revolution, emphasizing the reasons, justifications, and rationalizations for violence in its various manifestations within nation-states. The intersection between violence, religion, and politics will be explored, as well as sources and types of terrorism. Prerequisites: PS 238, 240, and at least junior standing.

PS 369 Political Psychology (1)

An advanced course that applies psychological theories of human cognition, affect, and individual differences to the study of political behaviors. Topics include the development and maintenance of social attitudes and political beliefs, decision making, voting and campaigns, political media, intergroup relations, conflict and violence, and genetic influences on political behaviors. (Also listed as PY 369.) Prerequisite: PS101.

PS 400 International Political Economy (1)

An advanced seminar course that surveys the relationships between international politics and economics. Contending theoretical approaches to explaining a variety of IPE phenomena—from mainstream to radical—will be considered and critically examined. Topically, this course covers issues ranging from trade, debt, aid, and development to the role of states, multinational corporations, and international institutions. An emphasis will be placed upon threats to political and economic stability in developing countries. Prerequisites: PS 235, 238, and at least junior standing.

PS 410 Development in the Americas (1)

An advanced course focusing on the patterns of socioeconomic and political development in the Americas, with emphases on the hemispheric effects of globalization and the United States' hegemonic status in the region. Marxist, neoliberal, and globalization theories are utilized to better understand development in Latin America. Prerequisite: senior standing.

PS 434: Introduction to International Human Rights Law (1)

A seminar course on international law with an emphasis on human rights. Concepts and principles, functions and processes associated with international law are applied to general categories of human rights—for example, political, economic, social and cultural rights. Special attention is paid to the International Criminal Court, war crimes, genocide, children's rights, human trafficking, modern slavery, workers' rights, gender and health issues, the environment, indigenous rights, torture, and punishment. Student engagement with a human rights institution is a requirement. Prerequisite: at least Junior standing. Spring of odd numbered years.

PS 445 Democratization (1)

An advanced course addressing the theoretical issues generated by the wave of democratization that began in the early 1970s. It explores democracy's diverse understandings and practices with an emphasis on comparative analyses of transitions from authoritarian rule and the problems associated with democratic consolidation. Prerequisite: PS 238.

PS 450 Religion and Politics in America (1)

Explores the relationship between religion and politics in America. Emphasis is placed on the role of religion in American culture and how religion affects politics. Also listed as HON 450, this course may be counted by Honors Program students toward fulfillment of their course requirements. (Also listed as RE 450.)

PS 470 Seminar for Majors (1)

Prerequisite: senior standing.

PS 472 Senior Research Project in Political Science (1)

Extension of the Seminar for Majors (PS 470). This course functions as a capstone experience where students conduct independent research under the supervision of the political science faculty and where they come together to discuss key issues for the discipline. In addition to completion of significant research, to be presented to the campus community, students will take up important questions for political science such as the future and scope of the discipline, quantitative versus qualitative analysis, and the application of political science to the solution of problems confronting community.

PS 473, 474 Selected Topics (1)

Selected topics in political science, varying according to individual needs. Open only to junior and senior majors in political science. Fall.

Psychology (PY)

Bachelor of Science

Behavioral and Social Sciences

Heather J. Meggers-Wright, Bradley M. Okdie, Shane Pitts, Richard Rector, Lynne S. Trench, Tricia Witte

The purpose of a major in psychology is to provide a background of knowledge for students going on to graduate work in psychology, as well as for those students going into a variety of professions that require an understanding of the principles of human behavior.

Major Requirements

The following courses are required (12 units):

- PY 101

- PY 204 and 304

- PY 312

- one unit in area one: PY 203, 230, 303, or 324

- one unit in area two: PY 311, 313, or 330

- one unit in area three: PY 407 or 408

- two senior seminar units in area four: PY 410, 417, or 450

- three additional units in PY

Majors should take PY 204 and 304 consecutively and as early as possible, preferably by the end of the sophomore year. Elective units may include additional courses from the four areas above.

All majors will complete the achievement test in psychology as part of the senior seminar.

Minor Requirements

The following courses are required (5 units):

- PY 101

- four elective units in PY

*Courses in Psychology***PY 101 Introduction to Psychology (1)**

An introduction to the research, theory, and methods of psychological science. Fall, Spring.

PY 203 Group Dynamics (1)

A survey of theory and research bearing on small group behavior, including group formation, structure, leadership, power, performance, and conflict (a Leadership Studies designated course). Prerequisite: PY 101 or LS 200.

PY 204 Statistics For Research (1)

A laboratory course designed to introduce students to experimental research design, statistical theory and techniques, and computer data analysis. Laboratory required.

PY 205 Forensic Psychology (1)

An examination of forensic psychology, or the application of psychological principles to legal matters. Topics include criminal behavior, victimization, criminal investigation (e.g., criminal profiling, lie detection, eyewitness testimony), forensic assessment, and jury selection and deliberation.

PY 206 Special Topics in Psychology (1)

An in-depth exploration of theory and research in a sub-disciplinary area of psychology. Topics will vary each year.

PY 208 Human Sexual Behavior (1)

A study of the biological, sociological, psychological, and ethical aspects of human sexuality, including the study of the biological foundations of sexuality, behavioral variations, research in sexuality, sexual decision making, social issues, and contemporary issues in human sexual behaviors.

PY 215 Sex, Gender, and Society (1)

A survey of theory and research on males and females; biological and cultural factors in development and abilities; perception and treatment of the genders by society; and current gender issues and their historical context. (Also listed as SO 215, this course may be counted for credit in either psychology or sociology.) Prerequisite: PY 101, or SO 101 or 102, and at least sophomore standing. Spring.

PY 217 Drugs, Brain, and Behavior (1)

A study of licit and illicit drugs (focusing on drugs of abuse) examining their effects on the brain and on behavior. Topics may also include addiction and treatment, history of drug use, and the influence of drugs on the unborn child, the individual, and on society.

PY 220 Environment and Behavior (1)

A study of the reciprocal relationships between human behavior and the natural, architectural, and social environments. The environment is examined as the context in which behavior occurs, the affordances it provides for behavior, and as the object of influence and modification by behavior. Prerequisite: PY 101 or UES 150.

PY 230 Cross-Cultural Psychology (1)

A survey of the research areas and methodological issues specific to crosscultural psychology. A discussion of research on cultural influences on cognition and perception; childrearing practices and development; motivation, emotion, and aggression; and sexroles follows an extensive analysis of the components of culture. Sociocultural influences on health behavior, work behavior, and leadership style are also discussed (an IC designated course).

PY 250 Heuristics and Biases in Belief: Why People Believe "Weird" Things (1)

A focus on heuristics and biases in thinking and how these phenomena can distort and deceive. Various pseudoscientific phenomena (e.g., psychics, astrology, ESP), common misconceptions of human behavior, and controversial practices within psychology (e.g., use of the Rorschach, fringe therapies) will serve as illustrative concepts. An understanding of how major characteristics of science and skepticism can be used to assess extraordinary and ordinary claims is also considered. The course considers how people tend to arrive at and maintain a variety of beliefs and how individuals can weigh evidence for and against beliefs. Prerequisite: PY 101.

PY 293, 393, 493 Independent Study in Psychology (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

PY 298, 398, 498 Teaching Experience in Psychology (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

PY 303 Social Psychology (1)

The study of the social phenomena that affect the behavior of individuals, including social perception, social cognition, and social influence. Topics may include stereotypes and prejudice, self-perception, impression formation, persuasion and conformity, attitudes, group processes, aggression, prosocial behavior, and attraction. (Also listed as SO 303, this course may be counted for credit in either psychology or sociology.) Prerequisite: PY 101, SO 101, or SO 102.

PY 304 Research Methods for Psychology (1)

An in-depth study of experimental design techniques, psychological research methodology, and research report writing in APA style. This course has a laboratory component in which students will conduct experiments, including researching a topic with primary sources, collecting data, analyzing results, and writing the study in APA style. Laboratory required. Prerequisites: PY 101 and 204.

PY 305 Advanced Topics in Psychology (1)

An in-depth exploration of theory and research in an advanced area of psychology. Topics will vary. Some topics may require additional prerequisites. Prerequisites: PY 101 and consent.

PY 309 Work Behavior (1)

The application of the methods and principles of the science of human behavior to people at work. (Also listed as SO 309, this course may be counted for credit in either psychology or sociology.) Prerequisite: PY 101 or SO 101.

PY 310 Psychological Testing (1)

A study of the theory and techniques of test development and use in applied and research settings. Assessment in educational, clinical, counseling, and personnel settings, as well as issues surrounding the use of evaluative information are examined. Prerequisites: PY 101 and 204.

PY 311 Psychology of Personality (1)

A survey and analysis of the major theories of personality, including the psycho-dynamic, trait, phenomenological, and learning approaches. Prerequisite: PY 101.

PY 312 Biological Psychology (1)

A study of the biological bases of behavior. Includes the study of brain and neural anatomy, communication between neurons, and the function of major brain areas. The rest of the course will build on this knowledge to study the effects on various behaviors including vision, movement, learning, memory, sexual behavior, lateralization of function, drug-taking behavior, and psychopathology. Prerequisite: PY 101 and at least junior standing.

PY 313 Psychological Disorders (1)

A survey of psychopathology and abnormal behavior with an emphasis on the systems and criteria of diagnosis. Theories on the development and treatment of disorders are also discussed. Prerequisite: PY 101.

PY 315 Animal Behavior (1)

An examination of the immediate causes and evolutionary explanations for the behavior of animals. Emphasis is placed on exposure to historical perspectives and current ideas about animal behavior, training in the methodology of behavioral experimentation, and development of independent, critical thought. Topics include sexual selection, bird song learning, and aggressive behavior. Three lectures and one threehour laboratory per week (one weekend field trip may be required). (Also listed as BI 315.) Prerequisites: PY 101, BI 115 and BI 225. Spring.

PY 316 Child & Adolescent Psychopathology (1)

A survey of psychological disorders that primarily affect children and adolescents. The course takes a developmental approach to childhood psychopathology, focusing on diagnostic criteria and familial, educational, and individual features associated with each disorder. Research on etiological theories and treatment is also discussed. Prerequisite: PY 101.

PY 324 Developmental Psychology (1)

An overview of the theoretical approaches and research methods in developmental psychology with an emphasis on the hereditary and environmental influences on physical, social, cognitive, and personality development in childhood and adolescence. Prerequisite: PY101.

PY 330 Clinical Psychology (1)

An introduction to the development and current practices of clinical psychology. Emphasis is placed on models of therapeutic intervention, assessment, trends in psychotherapy, and ethical, professional, and research issues. Prerequisite: PY 101.

PY 369 Political Psychology (1)

An advanced course that applies psychological theories of human cognition, affect, and individual differences to the study of political behaviors. Topics include the development and maintenance of social attitudes and political beliefs, decision making, voting and campaigns, political media, intergroup relations, conflict and violence, and genetic influences on political behaviors. (Also listed as PS 369.) Prerequisite: PY 101.

PY 407 Cognitive Psychology (1)

Introduction to the concepts, theories, and methods of cognitive psychology or the empirical study of the mind and mental processes. Topics may include neuroscience, attention and consciousness, perception, memory, knowledge, language, problem solving, reasoning, judgment, and decision making. Emphasis is placed on theoretical models grounded in empirical support. Laboratory required. PY 204 is recommended. Prerequisite: PY 101.

PY 408 Psychology of Learning (1)

A survey of the theories, components, and applications of Pavlovian and Operant learning in humans and animals. In the laboratory component, students will demonstrate and apply principles learned in class, providing firsthand experience with psychological experimentation. Laboratory required. Prerequisite: PY 101.

PY 410 Senior Seminar: History and Systems of Psychology (1)

A study of the philosophical foundations and historical development of the major theories and research areas of psychology. Classic studies in psychology, as well as the lives of major figures in the field, are also discussed. Prerequisites: PY 101, 204, 304, psychology or biology-psychology major, and consent.

PY 417 Senior Seminar: Research in Psychology (1)

Involvement of the student (alone or with other students) in the development and execution of a research project. Topics of research vary according to the interests of the student and the professor. The project typically requires the student to write a research report in APA style. Prerequisites: PY 101, 204, 304, psychology or biology-psychology major, and consent.

PY 450 Senior Seminar: Advanced Topics in Psychology (1)

An in-depth exploration of contemporary research on selected topics. Topics vary according to the instructor's interests. May be repeated for credit when the focus is different. Prerequisites: PY 101, 204, 304, psychology or biology-psychology major, and consent.

Religion (RE)

Bachelor of Arts

Humanities

J. Lawrence Brasher, Amy C. Cottrill, Mark R. McClish

The purpose of the study of religion is to introduce the student to the religious heritage of humankind and to challenge the student to think critically and constructively in dialogue with this heritage. An academic understanding of religion is an essential ingredient of a liberal arts education, and thus the faculty of religion teaches a variety of courses in Biblical studies, religious thought, and history of religions to aid students in interpreting the religious dimension of life.

A religion major is an inherently interdisciplinary course of study that offers students the opportunity to immerse themselves in a variety of disciplines, including philosophy, language training, literary criticism, history, gender studies, anthropology, and sociology. Because the academic study of religion teaches such valuable and transferrable skills as critical and creative thinking, writing, and research, religion majors and minors are prepared upon graduation to pursue such paths as divinity school, law school, medical school, teaching, social work, non-profit employment, and graduate study in religion or other areas of the humanities.

Major Requirements

The following courses are required (10 units):

RE 201 Intro to Christianity

RE 205 Hebrew Bible or HB 101 Elementary Biblical Hebrew I

RE 215 Christian Scriptures or RE 230 Christian Scriptures in Literature, Art, and Film

RE 221 World Religions

RE 311 Christian Ethics

RE 315 Contemporary Christian Theology or RE 330 Religion in America

RE 470 Senior Seminar

three additional units in RE, at least two of which must be at the 300 level or above. PL 361 and HI 282 may be used towards fulfillment of this requirement.

Minor Requirements

The following courses are required (5 units):

RE 201

RE 221

RE 205 or RE 215

Two additional units in RE (300 level or above)

*Courses in Religion***RE 100 Ecospirituality and Environmental Sustainability (1)**

An introduction to contemporary ecospirituality and environmental activism with a focus on environmental sustainability in Alabama. This course highlights the growing alliance between spiritual awareness and the environmental movement. Students will read works of ecocentric theologians and scientific literature on the ecology of Alabama, study organized environmental initiatives, and gain perspective from field trips and service-learning. Spring.

RE 201 Introduction to Christianity (1)

An historical/theological introduction to Christianity with special attention to the development of Protestantism. Fall, Spring.

RE 205 Hebrew Bible (1)

A study of the history and literature of the Hebrew Bible, or Old Testament. The course locates the Hebrew Bible in its historical context in the ancient Near East and explores the new ways of thinking about sacred texts that have emerged in modern biblical studies. A discussion-rich course, students will be equipped to enter into discussion with Jewish and Christian interpreters who wrestle with the political, ideological, and theological implications of these texts, both in the ancient world and in modern settings.

RE 215 Christian Scriptures (1)

A study of the history and literature of the Christian Scriptures, or New Testament. The course equips students for culturally-cued reading of these texts by exploring the historical setting from which they emerged, bringing significant themes of this early Christian literature into conversation with issues of concern in modern Christian theology.

RE 221 World Religions (1)

An introductory survey of such major world religious traditions as Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity, and Islam. Course topics may vary each time the course is taught. In addition to a historical overview of diverse thought traditions and practices, a primary focus will be the response to modernity and the challenge and change in contemporary religious thought. Additional topics may include the place of women in these different traditions, understanding of diversity and pluralism, and responses to religious violence (an IC designated course).

RE 230 Christian Scriptures in Literature, Art, and Film (1)

An investigation of the *interpreted* Bible, or the Bible as it has been visualized, filmed, painted, sculpted, and retold by early and modern readers. One reason for the Bible's enduring cultural significance is the way artists and authors have engaged biblical texts and themes as conversation partners in the creation of their own texts. This course explores the dynamics of biblical interpretation in diverse forms of media with the intention of fostering more sophisticated reading strategies of film, visual, and literary culture, and the biblical text itself.

RE 231 Religion and Society (1)

An examination of popular and folk religions—beliefs and practices that exist among the people, apart from and alongside the theological and liturgical forms of mainline religion.

RE 235 The Abrahamic Faiths: Judaism, Christianity, and Islam (1)

A study of the three major religious traditions—Judaism, Christianity, and Islam—that trace their historical and theological roots to one figure: Abraham. The objective of this course is to explore the interconnection of these traditions, a historical and theological entwinement that is vital for understanding the modern world situation.

RE 250 Jesus Through the Centuries (1)

An examination of Jesus as a figure in history. This seminar critically examines the way Jesus has been viewed in different historical eras, including various attempts to reconstruct the "historical Jesus," contemporary representations of Jesus in film, and the emerging scholarly consensus on Jesus in history.

RE 280 John Wesley and the People Called Methodists (1)

An examination of Methodism, from its beginnings, to the present. The course will cover the history, doctrine and polity of Methodism. Emphasis is placed on the influence of John Wesley and the effect his theology, life and ministry had on Methodism in particular and society in general. The purpose of the course is to help both Methodists and nonMethodists understand and appreciate the contributions that Methodism has made in the Protestant world. Spring.

RE 293, 393, 493 Independent Study in Religion (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

RE 298, 398, 498 Teaching Experience in Religion (½ or 1)

A teaching experience course. Upon invitation, qualified students participate in first-year and sophomore courses as docents. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

RE 311 Christian Ethics (1)

An examination of the implications of Christian faith for contemporary ethical problems. Prerequisites: RE 201.

RE 315 Contemporary Christian Theology (1)

A survey of the thought of certain leading theologians in the twentieth century. Particular attention is given to Barth, Tillich, Bonhoeffer, the Niebuhrs, process theology, and liberation theology. Prerequisites: RE 201.

RE 320 Religion and the Natural World (1)

An exploration of religious understandings of the natural environment, including such world views as ancient myths, animism, Taoism, Hinduism, Buddhism, Islam, Native American traditions, contemporary popular nature worship, and the JudeoChristian faith. Prerequisite: at least one year of college coursework.

RE 330 Religion in America (1)

An analysis of the impact of religious thought upon the development of American society.

RE 350 The Ethical Vision of the Christian Scriptures (1)

An exploration of and critical reflection upon various approaches to using the Christian Scriptures as a source for ethical reflection. The course addresses two primary questions. First, what are the ethical perspectives of the Christian Scriptures regarding specific themes, such as community and justice, violence and liberation, wealth and poverty, sexuality, and the care of the Earth? Second, how might we structure the conversation between the ancient text and the modern world? Prerequisite: at least one unit in RE.

RE 375 Gender and the Hebrew Bible (1)

An exploration of the Hebrew Bible through the lens of gender theory. On a theoretical level, students develop the skills to read and critique primary and secondary readings according to their presuppositions and ideological commitments concerning gender. Additionally, the course equips students with a more developed understanding of the complexity of this sacred text that frequently informs modern conceptions of gender roles. Prerequisite: at least one unit in RE.

RE 390 Violence and the Bible (1)

An exploration of the violent narratives, imagery, symbolism, and rhetoric of the Bible. In addition to examining the way biblical texts have been used to legitimate and authorize violent acts in the world, a significant focus of this course is how violence functions within the textual world of the Bible. Attention is given to possible models of interpretation of and ethical responses to the violent texts of the Bible. Prerequisite: at least one unit in RE.

RE 401 Seminar in Theological Studies (1)

A seminar on recent theological developments: 1963 to present. Prerequisite: RE 201.

RE 405 Seminar in Hebrew Bible (1)

A seminar on a theme or book in the Hebrew Bible. Prerequisite: at least one unit RE.

RE 415 Seminar in Christian Scriptures (1)

A seminar on a theme or book in the Christian Scriptures. Prerequisite: at least one unit in RE.

RE 450 Religion and Politics in America (1)

An exploration of the relationship between religion and politics in America. Emphasis is placed on the role of religion in American culture and how religion affects politics. Also listed as HON 450, this course may be counted by Honors Program students toward fulfillment of their course requirements. (Also listed as PS 450.)

RE 470 Senior Seminar in Religion (1)

The senior capstone seminar in which senior religion majors write a significant research paper. The topic for the paper is decided by the student in consultation with the instructor. This course is required for all religion majors during the first semester of their senior year. Students will present their final projects in a senior conference, fulfilling the Scholarship Foundations requirement. Prerequisite: consent.

Sociology (SO)

Bachelor of Arts

Behavioral and Social Sciences

Guy C. Dalto, Alicia A. Weaver

The sociology major is designed to give liberal arts students concepts and tools for understanding human behavior in society. An undergraduate major in sociology prepares students for graduate or professional school. Those intending to enter the job market immediately after graduation will find that the analytical and data analysis skills they have gained as sociology majors will allow them to apply for entry-level research positions in both government and business.

Major Requirements

The following courses are required (11 units):

- SO 101
- SO 204 and 304
- SO 215, 335, or 339
- SO 305, 308, or 370
- five elective units in sociology
- SO 499

Methods courses (SO 204 and 304) should be taken during the sophomore year.

Minor Requirements

The following courses are required (5 units):

- SO 101
- SO 215, 335, 339, or 383
- SO 305, 308, or 370
- two elective units in SO

*Courses in Sociology***SO 101 Introduction to Sociology (1)**

The study of human society: the processes of social interaction and organization. Emphasis is placed on learning the basic concepts, principles, and theoretical perspectives of sociology. Prerequisite: MA 115 or equivalent. Fall, Spring, Summer.

SO 102 Contemporary Social Problems (1)

The application of sociological principles and perspectives in the analysis of current issues. The impact of social change, deviations from norms, and conflicts between social structures and social goals and values are considered in relation to social problems (an IC designated course). Fall, Spring.

SO 204 Survey Data Analysis and Statistics (1)

Theory and practice in formulating hypotheses and evaluating them by analyzing secondary sources of data with statistical analysis software. Emphasis is placed on data management, data analysis, the use of appropriate statistics, and the interpretation of statistical output. Though intended as a prerequisite for EC 304, PS 304 or SO 304, this course can help any student develop analytical skills. Laboratory required. (Also listed as EC 204 and PS 204, this course may be counted for credit in economics, political science or sociology.) Prerequisites: EC 201 or EC 202 or PS 101 or SO 101; and MA 115 or above. Fall.

SO 215 Sex, Gender, and Society (1)

A survey of theory and research on males and females; biological and cultural factors in development and abilities; perception and treatment of the genders by society; and current gender issues and their historical context. (Also listed as PY 215, this course may be counted for credit in either sociology or psychology.) Prerequisite: SO 101 or 102, or PY 101, and at least sophomore standing. Spring.

SO 293, 393, 493 Independent Study in Sociology (½ or 1)

Directed study for advanced students in the major. Coursework will include directed readings in sociology. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

SO 298, 398, 498 Teaching Experience in Sociology (½ or 1)

A teaching experience course. Upon invitation, qualified students may register for this course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

SO 303 Social Psychology (1)

The study of the social phenomena that affect the behavior of individuals, including social perception, social cognition, and social influence. (Also listed as PY 303, this course may be counted for credit in either sociology or psychology.) Prerequisite: SO 101 or 102, or PY 101.

SO 304 Research Methodology (1)

The scientific method applied to economic, social and political phenomena: formulating hypotheses; techniques for collecting data, measuring variables, and interpreting research findings. The course includes a laboratory in which statistical procedures are applied, interpreted, and documented through completion of a significant research project. Laboratory required. (Also listed as EC 304 and PS 304, this course may be counted for credit in economics, political science or sociology.) Prerequisite: EC 204 or PS 204 or SO 204. Spring.

SO 305 Sociology of the Family (1)

A study of the relationship between the family and the changing external environment as well as the dynamic processes within the family. Historical and cross-cultural perspectives are considered along with alternatives to the traditional family (an IC designated course). Prerequisite: SO 101 or 102. Fall.

SO 308 Criminal Justice (1)

An investigation into the social processes involved in the criminal justice system. Crime and delinquency, police organization and behavior, and the sociology of law are stressed. Prerequisite: SO 101 or 102. Spring.

SO 309 Work Behavior (1)

The application of the methods and principles of the science of human behavior to people at work. (Also listed as PY 309, this course may be counted for credit in either sociology or psychology.)
Prerequisite: SO 101, SO 102, or PY 101. Fall.

SO 312 Community Service Practicum (1)

Individual field work under joint supervision of sociology faculty and social service agency personnel. Intended for majors. Graded "S"/"U." Prerequisite: SO 101 or 102.

SO 335 Race and Ethnic Relations (1)

An examination of some of the major issues in the relations between dominant and minority groups. Emphasis is on contemporary U.S. society although historical and crosscultural analyses are included (an IC designated course). Prerequisite: SO 101 or 102. Spring.

SO 337 Social Movements and Politics (1)

An examination of the relationship between social movements, social change, and politics. Emphasis is placed on social movement theory, types of social movements, and case studies of social movements (a Leadership Studies designated course). Prerequisite: SO 101 or 102.

SO 339 Social Stratification (1)

The study of economic class, prestige, life style, and power hierarchies. Causes and consequences of structured social inequality are emphasized. Prerequisite: SO 101 or 102. Fall.

SO 350 Special Topics in Sociology (1)

An in-depth exploration of theory and research in a sub-disciplinary area of sociology. Topics will vary. May be repeated for credit when the focus of the course is different. Prerequisite: SO 101 or 102.

SO 370 Sociology of Medicine (1)

Investigations of the organization and distribution of health care, and the influence of social factors on health (a Leadership Studies designated course). Prerequisite: SO 101 or 102. Spring.

SO 373 Urban Sociology (1)

Social organization of the urban community; historical and contemporary patterns in the structure and growth of the city; cross-national processes of urbanization and social change. Prerequisite: SO 101 or 102. Fall.

SO 376 Environmental Sociology (1)

Examines environmental issues from a sociological perspective. Emphasis is placed on human causes of environmental change such as science and technology, the government and the economy, population and consumption, and religion and culture; social and environmental consequences of the relationships between humans and the environment. Prerequisite: SO 101 or 102, or UES 150.

SO 380 Sociology of Religion (1)

An examination of the social dimension of religion and analysis of the dialectic between religion and society. Sociological theories of religion, religious organizations and behavior, and processes of social change and secularization are studied. Attention is given to religion in America with use of comparative and historical material (an IC designated course). Prerequisite: SO 101 or 102. Spring.

SO 383 Social Aspects of Aging and Dying (1)

An examination of the social dimensions of aging and dying. Sociological theories of aging and dying, ways in which societies structure this process, and the patterned experience of aging and dying are considered. Prerequisite: SO 101 or 102. Fall.

SO 412 Community Service Practicum (1)

See SO 312 for description. Graded "S"/"U." Prerequisite: SO 101 or 102.

SO 450 Sociological Theories (1)

A review of concepts and issues associated with various theoretical perspectives. Differences in macrosociological and microsociological approaches are examined. Intended for majors, but open to other students with consent of instructor. Fall.

SO 470 Seminar for Majors (1)

Application of theory to a particular problem area. The product may be a term paper and/or empirical research. Topics vary according to interests and needs. The course stresses the ability to communicate ideas orally and in writing. Prerequisite: SO 304.

SO 499 Senior Project in Sociology (1)

A capstone experience that can be done as an independent project or as part of a regular interim course. The project requires a substantial paper that demonstrates a knowledge of sociological concepts and research methodology. Prerequisite: senior standing or consent. Interim.

Spanish (SN)

Humanities

Bachelor of Arts

Barbara Domcekova, Kim Lewis, Janie Spencer

In light of the significant changes taking place in our present day world and the need for greater international understanding and cooperation, one cannot overestimate the importance of foreign language study. The courses and laboratory work in foreign languages at Birmingham-Southern College are designed to help students attain a degree of written and oral proficiency. Furthermore, in studying a foreign language, students develop an appreciation of another culture, and in doing so they gain new insights into their own culture as well.

Students are encouraged to complement their coursework in a foreign language with various on- and off-campus experiences: dining with faculty and students at the language tables, attending foreign films, taking part in a service-learning project or other special interest trip during the interim term in a country where their target language is spoken, and participating in an approved foreign study program.

The program for Spanish majors and minors aims at developing the following main objectives: (a) a level of proficiency in the language which enables the student to communicate effectively with native speakers; (b) a sound understanding of Hispanic culture; and (c) a basic understanding of Hispanic literature and methods of literary analysis. Attention is given not only to Spain and Latin America, but to the Hispanic United States as well. Students majoring or minoring in Spanish are able to choose electives among course offerings in either Hispanic culture or literature, so that they may design a program of study which best meets their interests and needs.

Spanish majors are strongly advised to adopt an appropriate cognate program—as either a minor or double major. Proficiency in Spanish is particularly useful for students planning careers in teaching (university, secondary, and bilingual), international business, health care, social work, law, foreign service, and research and technology. In addition, the rapidly growing Hispanic population in many regions of this country underscores the advantages of having a knowledge of Spanish.

Students may earn credit in Spanish at Birmingham-Southern through the Advanced Placement or International Baccalaureate programs. A score of four or more on either the grammar or the literature AP examination or a score of five or more on the IB examination will satisfy the general education requirement in foreign language at the College and will also earn credit for the student in the appropriate language course. See the section Credit by Examination under Academic Policy for a full description of the policy.

All 400-level Spanish courses except SN 498 satisfy the Disciplinary Foundations requirement in literature.

Major Requirements

The following courses are required (11 units):

SN 300

SN 315

SN 401 and 402

one unit in SN culture

five elective units in SN at the 270 level or above

SN 499

Minor Requirements

The following courses are required (5 units):

- SN 300
- SN 315
- one unit in SN literature at the 400 level
- one unit in SN culture at the 300 level
- one elective unit in SN at the 270 level or above

*Courses in Spanish***SN 101 Elementary Spanish I (1)**

An introduction to the sounds and structure of the language as well as to the culture of Hispanic peoples. Skills emphasized are reading, writing, speaking, and oral comprehension. Designed for students who have no prior knowledge of Spanish. Prerequisite: consent. Fall.

SN 102 Elementary Spanish II (1)

A continuation of SN 101. Work in the language laboratory is required. Prerequisite: SN 101. Spring.

SN 201 Fundamentals of Spanish Grammar (1)

A review of the fundamentals of grammar designed primarily for students who have had only one or two years of language on the high school level. Prerequisite: consent. Fall, Spring.

SN 220 Intermediate Spanish (1)

Building on beginning Spanish, this course thoroughly reviews basic grammar concepts, builds vocabulary, and further develops all four language skills. Prerequisite: SN 102 or 201. Fall, Spring.

SN 270 Tertulia española (1)

Instruction and practice in oral comprehension and speaking. Conversation is based on *realia* (newspapers, magazines, videos). The course emphasizes oral proficiency and awareness of modern culture. Prerequisite: SN 220. Fall.

SN 280 Estrategias para leer (1)

An introduction to Spanish literature as well as to the skills and methods needed to read literature in the Spanish language. This course provides practice in and application of these skills using a variety of genres. The course increases reading proficiency and prepares students for 400-level literature courses. (Does not satisfy Disciplinary Foundations requirement in literature.) Prerequisite: SN 220. Spring.

SN 293, 393, 493 Independent Study in Spanish (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

SN 298, 398, 498 Teaching Experience in Spanish (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

SN 300 Advanced Conversation (1)

Intensive audiolingual practice in the classroom and language laboratory, phonetics, oral reports, discussion groups. Prerequisite: SN 270 or 280. Fall.

SN 315 Advanced Grammar and Composition (1)

A detailed analysis of grammar and intensive practice in composition. Prerequisite: SN 270 or 280.

SN 333 Spanish Across the Curriculum (1/4)

Directed readings in the language in conjunction with a course in another discipline. May be taken more than once for credit providing that the disciplinary course is different. Prerequisite: SN 220 and consent.

SN 340 Cinema in Spain and Latin America (1)

A critical study of representative Spanish and Latin American films (an IC designated course). Prerequisite: SN 270 or 280.

SN 350 Latinos in the United States (1)

A study of the Latino presence in the United States from the country's inception through the present day. Readings and class discussions highlight the contributions, struggles, and general characteristics of the Latino community in the United States (an IC designated course). Prerequisite: SN 270 or 280.

SN 360 Spanish Civilization (1)

A study of the culture of Spain from a variety of viewpoints: historical, literary, sociological, anthropological, and political (an IC designated course). Prerequisite: SN 270 or 280.

SN 365 Latin American Civilization (1)

A study of the culture of Spanishspeaking America from a variety of viewpoints: historical, literary, sociological, anthropological, and political (an IC designated course). Prerequisite: SN 270 or 280.

SN 370 Special Topics in Culture (1)

An indepth study of a facultyselected topic on some aspect of Hispanic culture. Topics may concentrate on a geographic region of the Hispanic world or on a particular cultural phenomenon common to several areas, such as *machismo* or the role of the military (an IC designated course). Prerequisite: SN 270 or 280.

SN 400 Introduction to Textual Analysis (1)

Study and application of the techniques of textual analysis. Attention is given to the four basic genres: narrative prose, drama, poetry, and the essay. Prerequisite: SN 280.

SN 401 Panorama of Spanish Literature (1)

An introduction to Spain's literature written from the Middle Ages to the present. Selected works, which include poetry, prose, and drama, emphasize literature as a reflection of Spanish society of the period (an IC designated course). Prerequisite: SN 280 or 400. Spring (every other year).

SN 402 Panorama of Latin American Literature (1)

An introduction to Latin American literature written from colonial times to the present. Selected works, which include poetry, prose, and drama, reflect the Latin American society of the period (an IC designated course). Prerequisite: SN 280 or 400. Fall (every other year).

SN 495 Special Topics in Literature (1)

An in-depth study of a faculty-selected topic in literature, either from Spain, Latin America, or the Latino United States. Topics may concentrate on the works of a particular author or on a common theme running through the selected works of several authors (an IC designated course). Prerequisite: SN 400, 401, or 402.

SN 499 Senior Project in Spanish (1)

An independent research project on a literary or cultural topic pertaining to the Spanish language. A substantial paper that demonstrates an advanced degree of proficiency in the written expression of the language and an oral presentation are required. Prerequisite: senior standing. Interim.

Speech (SP)

Fine and Performing Arts

Major Requirements

No major or minor is offered in speech.

Courses in Speech

SP 101 Introduction to Speech (1)

A study of the speech skills common to all forms of oral communication examined through public address, impromptu speaking, and group discussions. Fall, Spring.

Theatre Arts (ThA)

Fine and Performing Arts

Bachelor of Arts

Michael Flowers, Alan Litsey, Matthew Mielke

The theatre arts program offers courses for the general education of all students, as well as professional training for those wishing to major in theatre arts. Using the unique teaching facilities of the College Theatre—a performance plant housing an open stage with a splitrevolve lift in a flexible auditorium—and an intimate “black box” theatre, the program offers courses in all areas of theatrical performance, musical theatre, technical theatre, direction, and design. A student wishing to major in theatre arts may elect the disciplinary major below or the interdisciplinary majors in musical theatre or English-theatre arts listed in the Interdisciplinary Major Requirements section of this catalog.

Major Requirements

The following courses are required (12 units):

ThA 110

ThA 111

ThA 120

ThA 210

ThA 220

ThA 221

ThA 230

ThA 320

ThA 330

ThA 403

ThA 211 or 310

one-and-one-half units from ThA 101, 201, 301, 401 and/or ThA 102, 202, 302, 402 to include at least one project in performance and one in technical theatre

ThA 499

Minor Requirements

The following courses are required (5½ units):

ThA 100

ThA 120

ThA 102, 202, 302, or 402

ThA 110, 211, or 310

ThA 220

ThA 403

*Courses in Theatre Arts***ThA 100 Introduction to Theatre (1)**

An introduction to the understanding and appreciation of dramatic literature and theatre arts. Spring.

ThA 101, 201, 301, 401 Theatre Practicum (¼)**ThA 102, 202, 302, 402 Theatre Practicum (½)**

Practical experience in performance or technical areas of theatre by participation in College Theatre productions. May be repeated for credit. Prerequisite: consent. Fall, Spring.

ThA 110 Introduction to Stagecraft (1)

An introduction to the principles and practices of constructing stage settings and furnishings, problemsolving using theatre technology, shop safety and scenic art.

ThA 111 Make-up (½)

Basic techniques in application of stage make-up for the performing arts. Prerequisite: consent. Fall.

ThA 120 Beginning Acting (1)

An introduction to the craft of acting, including focus on clarity and creativity in communication and performance skills, and the development of character analysis skills. The course reflects a "learning by doing," "hands on" approach. Fall, Spring.

ThA 210 Technical Workshop (½)

A practical course in the technical aspects of theatre. Fall, Spring.

ThA 211 Stage Lighting (1)

Principles and practice of stage lighting, design, and execution. Prerequisite: consent. Fall.

ThA 220 Voice and Diction (1)

Building and improving vocal skills through exercise and analysis. This course does not satisfy Foundations requirements in fine and performing arts. Prerequisite: consent. Spring.

ThA 221 Stage Movement (½)

Techniques of stage movement, including body awareness, character physicalization, and unarmed combat. Spring.

ThA 230 Classic and Modern Theatre (1)

Theatrical production and dramatic literature from the Greeks to the present. Fall.

ThA 293, 393, 493 Independent Study in Theatre Arts (½ or 1)

Directed study for advanced students in the major. Coursework should stress practical experience in full-length projects, and may include study in acting, directing, playwriting, or design. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog. May be repeated for credit.

ThA 298, 398, 498 Teaching Experience in Theatre Arts (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

ThA 307 Introduction to Playwriting (1)

An introduction to the principles of dramatic structure, playwriting and revision. (Also listed as EH 307.) Prerequisite: EH 102 or 208.

ThA 310 Set Design (1)

The art of stage design from concept to construction. Prerequisite: ThA 110 or consent. Fall.

ThA 320 Intermediate Acting (1)

Building a character in context and depth through improvisation and scene study. Prerequisites: ThA 120 and 220. Fall.

ThA 323 Musical Theatre I (1)

The study of musical theatre, approached through analysis, performance, and criticism. Prerequisite: consent. Fall.

ThA 324 Musical Theatre II (1)

Advanced scene study work in the techniques of musical theatre. Prerequisite: ThA 323. Spring.

ThA 330 The Classic Playwrights (1)

Play reading and script analysis of plays from Ancient Greece to the seventeenth century. Fall.

ThA 331 Modern Playwrights (1)

Play reading and script analysis of plays from the advent of realism to the present. (Also listed as EH 394.) Spring.

ThA 370, 470 Seminar in Theatre Art (1)

Selected studies in theatre arts offered at the discretion of the faculty or by student request. Topics include audition techniques, advanced acting, playwriting, etc. May be repeated for credit. Prerequisite: consent.

ThA 403 Directing and Stage Management (1)

A study of the techniques of directing and stage management approached through practical projects and the staging of a one-act play (a Leadership Studies designated course). Prerequisite: consent. Spring.

ThA 499 Senior Project in Theatre (1)

Significant production responsibilities in the interim theatre production, accompanied by a substantial paper examining the interim project. This paper may also include other senior theatre experiences. Required for theatre arts and musical theatre majors. Interim.

INTERDISCIPLINARY MAJOR AND MINOR REQUIREMENTS

To meet graduation requirements, students who pursue an interdisciplinary major must maintain a minimum grade point average of 2.00 in the required courses in each of the disciplines.

Interdisciplinary Majors

- Asian Studies
- Biology-Psychology
- English-Theatre Arts
- History-Political Science
- International Studies
- Musical Theatre
- Media and Film Studies
- Philosophy-Politics-Economics
- Religion-Education
- Religion-Philosophy
- Sociology-Political Science
- Sociology-Psychology
- Urban Environmental Studies

Interdisciplinary Minors

- Asian Studies
- Latin American Studies
- Urban Environmental Studies

ASIAN STUDIES (AN)

Bachelor of Arts

Matthew Levey, Program Coordinator

The Asian Studies program is an interdisciplinary curriculum available to students at Birmingham-Southern College, Miles College, Samford University, the University of Alabama at Birmingham, and the University of Montevallo. The program offers a major and a minor, but it is open to students with other majors as well. Students who study Asia add a multi-cultural dimension to their college education which is useful in graduate study and careers in fields as diverse as government service, international business, banking, marketing, law, education, and journalism. This curriculum gives the student the opportunity to study Asian societies from many disciplinary perspectives and to develop important analytical and disciplinary skills. Asian Studies is particularly relevant to today's undergraduate because it emphasizes the changing traditions of Asia, contemporary problems faced by Asian nations, and the relations between Asian nations, as well as between them and Western nations. The courses in the curriculum cover East, South, and Southeast Asia.

Major Requirements

The following courses are required (13 units):

two introductory courses, defined as courses with a breadth of coverage in either geographic/cultural or temporal range. See Sinitic Survey Options and Indic/Islamic Survey Options below.

four courses in an Asian language relevant to the student's primary cultural/geographic area of interest: Chinese or Japanese for those interested in Sinitic (East) Asia, and Hindi or Arabic for those interested in Indic/Islamic (South, Southeast, Southwest) Asia

six elective courses, five of which must constitute a cultural or geographic area of concentration or core in either Sinitic (East) Asia or Indic/Islam (South, Southeast or Southwest) Asia; and one of which is from another cultural or geographic area. Electives may not be "introductory," as defined above; no more than four of the electives can be in one academic discipline; no more than one of the electives can be an international (non Asia-specific) course. See Sinitic Electives and Indic/Islamic Electives below.

one course in a Senior Conference as part of the Scholarship Foundations Requirement in an area of the student's interest

Minor Requirements

The following courses are required (8 units):

two introductory courses, as defined in the major requirements

two courses in an Asian language relevant to the student's primary cultural/geographic area of interest, as defined in the major requirements

four elective courses, which will constitute a cultural or geographic area of concentration in either Sinitic (East) Asia or Indic/Islamic (South, Southeast or Southwest) Asia

Courses in the Asian Studies Curriculum

* denotes introductory courses

Sinitic World (East Asia)

Art History

- ARH 206 Survey of Asian Art (UAB)*
- ARH 306 The Asian Experience (UAB)*
- ARH 470 Chinese Art and Culture (Prerequisite: ARH 206) (UAB)
- ARH 473 Japanese Prints and Printmakers (UAB)
- ARH 474 Chinese Painting (Prerequisite: ARH 206 or 470) (UAB)
- ARH 475 Japanese Art (Prerequisite: ARH 206 or 470) (UAB)
- ARH 476 Oriental Ceramics (Prerequisite: ARH 206) (UAB)

History (HI/Hist/HIST/HY)

Introductory Surveys of Asia or East Asia

- Hist 463 Monsoon Asia: Survey of Culture and History (S)*
- Hist/Pols/Geog 395 Asia: Land and People (S)*
- Hist/Pols/Geog 396 East and Southeast Asia: Land and People (S)*
- HY 271 Traditional East Asian History and Culture (UAB)*
- HY 272 Modern East Asia (UAB)*

Introductory Surveys of China

- HI 181 East Asian Civilization I: China to 15th Century (BSC)*
- Hist 441 History of China to 1644 (S)*
- HY 474 China to the 19th Century (UAB)*

Introductory Surveys of Japan

- HI 182 East Asian Civilization II: Japan to 15th Century (BSC)*
- Hist 443 Japan (S)*
- HY 476 Japan to the 19th Century (UAB)*

Modern China

- HI 283 Modern China (BSC)
- HY 475 Modern China (UAB)
- Hist 444 Asia's Response to the West (S)

Contemporary China

- HI 385 The People's Republic of China (BSC)
- Hist 442 History of China Since 1911 (S)

Modern Japan

- HI 284 Modern Japan (BSC)
- HIST 435 Modern Japan (Mo)
- HY 374 Meiji Japan (UAB)
- HY 477 Modern Japan (UAB)
- HY 376 Japan and the United States (UAB)

Contemporary Japan

HI 386 Japan in the 20th Century (BSC)

HY 375 The Pacific War (UAB)

HI 287 Western Images of Asia (BSC)

HI 288 Remembering World War II (A): The Wars in Asia and the Pacific (BSC)

Asian History in Multinational Perspective

HI 287 Western Images of Asia (BSC)

HI 288 Remembering World War II (A): The Wars in Asia and the Pacific (BSC)

Asian Thought and Religion

HI 282 Disputers of the Tao: Confucianism, Taoism and Buddhism in East Asia (BSC)

PHL 239 Classical Thought in India, China and the West (UAB)*

RE 221 World Religions (BSC)*

RE 340 Religions of China (MC)

Politics

PS 209 East Asian Political Systems (UAB)

PS 361 Politics of China and Japan (BSC)

Anthropology

ANTH 205 The Asian Experience (UAB)

Indic and Islamic World: South, Southeast and Southwest Asia

Historical and Cultural Surveys

ARH 206 Survey of Asian Art (UAB)*

ARH 306 The Asian Experience (UAB)*

Geog/Hist/Pols 395 Asia: Land and People (S)*

Geog/Hist/Pols 396 East and Southeast Asia: Land and People (S)*

ANTH 205 The Asian Experience (UAB)

ANTH 243 Peoples of the World: Southeast Asia (UAB)

ANTH 245 Peoples of the World: Middle East (UAB)

Philosophy and Religion

PHL 239 Classical Thought in India, China and the West (UAB)

RE 221 World Religions (BSC)

Contemporary South Asia

PS 202 Indian Government and Politics (MC)

SO 301 South Asian Society and Culture (MC)

Middle East and Africa

HI 265 The Middle East in the 20th Century (BSC)

Hist 426 Modern Middle East (S)

Hist 464 Africa/Mideast: Survey of Culture and History (S)*

Vietnam War

Hist 456 Vietnam: An American Watershed (S)

HY 421 America in Vietnam (UAB)

International, Non Asia-Specific

EC 305 Comparative Economic Systems (Prerequisites: EC 201 and 202) (BSC)
 EC 410 International Trade (Prerequisites: EC 201 and 202) (BSC)
 EC 430 Economic Growth and Development (Prerequisites: EC 201 and 202) (BSC)

EH 395 Contemporary International Fiction (BSC)
 ENG 232 World Literature II (UM)
 ENG 320 Studies in World Literature (UM)
 Engl 420 Comparative Literature (S)

Geog 101 World Regional Geography (S)
 Geog/Hist/Pols 451 Geography of International Affairs (S)

HIST 101 World Civilizations (UM)
 HIST 102 World Civilizations (UM)
 HY 104 World History to 1600 (UAB)
 HY 105 World History, 1600 - Present (UAB)
 Hist/Pols 348 Riot, Rebellion and Revolution (S)
 Hist/Pols/Geog 451 Geography of International Affairs (S)
 HY 419 The Second World War (UAB)

MU 126 Music of the World's Peoples (BSC)

PS 235 Introduction to International Relations (BSC)
 PS 238 Introduction to Comparative Politics (BSC)
 PS 338 Comparative Political Behavior (BSC)
 PS 340 Comparative Elite Behavior (BSC)
 PS 342 Comparative Political Development (BSC)
 PS 400 International Political Economy (BSC)
 PS 445 Democratization (BSC)
 POS 340 World Politics (UM)
 POS 350 International Organizations (UM)
 POS 450 Global Policy Studies (UM)
 POS 455 International Relations (UM)
 Pols/Hist 348 Riot, Rebellion and Revolution (S)
 Pols/Geog/Hist 451 Geography of International Affairs (S)
 Pols 319 International Relations Since WWII (S)
 Pols 363 Politics of Developing Nations (S)
 Pols 370 Women and World Politics (S)

PY 230 Cross Cultural Psychology (BSC)

Relg 301 World Religions (S)

The following options indicate which courses cover the same or similar content; multiple courses that cover the same or similar content may not be used to satisfy requirements.

Sinitic Survey Options

Option 1: China/Japan Surveys in two-course disciplinary sequence
HI 181 and 182 (BSC); or Hist 441 and 443 (S); or HY 474 and 476 (UAB)

Option 2: Asia/East Asia Survey in two different disciplines
Any two courses from two different disciplines: ARH 206 (UAB) or ARH 306 (UAB); ANTH 205 (UAB);
Hist 463 (S); Hist/Geog/Pols 395(S); Hist/Geog/Pols 396 (S)

Option 3: East Asia Early and Late in two-course sequence
HY 271(UAB) and HY 272 (UAB)

Indic/Islamic Survey Options

ARH 206 (UAB) and ARH 306 (UAB); or Geog/Hist/Pols 395 (S) and ANTH 205 (UAB); or Geog/Hist/
Pols 396 (S) and ANTH 205 (UAB); or ANTH 243 (UAB) and ANTH 245 (UAB); Geog/Hist/Pols 395
(S) and Geog/Hist/Pols 396 (S)

Elective Courses

To prevent duplication of course content, please refer to the lists below in choosing elective courses; no more than one course per line will count toward completion of Asian Studies Major.

Sinitic Electives

Art History:

ARH 470 (Prerequisite: ARH 206) (UAB)
ARH 473 (UAB)
ARH 474 (Prerequisite: ARH 206 or ARH 470) (UAB)
ARH 475 (Prerequisite: ARH 206 or ARH 470) (UAB)
ARH 476 (Prerequisite: ARH 206 or ARH 470) (UAB)

History:

HI 283 (BSC) or HY 475 (UAB) or Hist 444 (S)
HI 385 (BSC) or Hist 442 (S)
HI 284 (BSC) or HIST 435 (UM) or HY 374 (UAB) or HY 477 (UAB) or HY 376 (UAB)
HI 386 (BSC) or HY 375 (UAB) or HY 376 (UAB)
HI 287 (BSC)
HI 288 (BSC)

Religion/Philosophy in Historical Perspective:

HI 282 (BSC) or RE 340 (MC)
PHL 239 (UAB) or RE 221 (BSC)

Political Science

PS 209 (UAB)
PS 361 (BSC)

Indic/Islamic Electives

History:

HI 265 (BSC) or Hist 426 (S)

HY 421 (UAB) or Hist 456 (S) or Hist 464 (S)

Religion/Philosophy in Historical Perspective:

PHL 239 (UAB) or RE 221 (BSC)

Social Sciences:

PS 202 (MC)

SO 301 (MC)

Descriptions of courses appearing on the chart above for courses taught at Birmingham-Southern may be found under their respective disciplines in the Curriculum section of this catalog. Descriptions of courses taught at other institutions may be obtained by contacting the Director of Asian Studies.

*Courses in Asian Studies***AN 470 Senior Project in Asian Studies (1)**

A research project that demonstrates a student's ability to investigate a problem relating to Asia. The research paper required must use scholarly and, if possible, primary sources, either in translation or in the appropriate Asian language. Prerequisite: senior standing in Asian Studies.

Biology-Psychology (BI) (PY)

Bachelor of Science

Megan Gibbons and Shane Pitts, Program Coordinators

The biology-psychology major comprises a specific combination of courses designed to provide students with an understanding of the biological basis of behavior and thought. The major is designed to prepare students for a number of graduate programs, including those in the neurosciences, physiology, physiological psychology, and behavioral biology. It also provides good preparation for students planning to go into one of the health professions.

Major Requirements

The following courses are required (17 units):

BI 115

BI 125

BI 225

BI 301

BI 303

BI 315

one elective unit in BI from the following:

BI 402 Cell Biology

BI 405 Recombinant DNA Technology

BI 408 Biochemistry

BI 425 Comparative Vertebrate Embryology

BI 442 Comparative Vertebrate Anatomy

BI 493 Independent Study

CH 121 and 122

PY 101

PY 204

PY 312

PY 407 or 408

two electives in PY, one of which must be from:

PY 217 Drugs, Brain and Behavior

PY 208 Human Sexual Behavior

PY 313 Psychological Disorders

PY 324 Developmental Psychology

two units in the senior capstone experience in biology or psychology. For biology, students must complete two units from BI 470, 472, and/or 499. For psychology, students must complete PY 417, and one unit in PY 410 or 450 (both of which require PY 304 as a prerequisite).

Biology-psychology majors must complete the E.T.S. Major Field Achievement Test in Biology and the equivalent in psychology.

English-Theatre Arts (EH) (ThA)

Bachelor of Arts

Michael Flowers and Michael L. McInturff, Program Coordinators

There has always been a strong connection between literature and theatre. The study of dramatic literature is enriched by the study of performance; likewise, the production of a dramatic work is enhanced by an in-depth study of the text as well as of its context in literary history. Study in this program explores such connections, providing students with the analytical and critical thinking skills necessary for both the reading and production of literary works. Majors in this program might pursue certification in secondary education, graduate study in theatre or English, or other professional careers.

Major Requirements

The following courses are required (14 units):

EH 204

EH 250

EH 260

one EH unit emphasizing a breadth of literary study (category 1)

one EH unit emphasizing a depth of literary study (category 2); EH 360 strongly recommended

one EH unit emphasizing literature of a different time, place, or culture (category 3)

one EH or ThA unit emphasizing contemporary literature (category 4); EH 394 or ThA 331 strongly recommended

one EH unit emphasizing literary theory (category 5)

ThA 110

ThA 120

ThA 310

ThA 403

one unit from the Theatre Practicum series (ThA 101, 102, 201, 202, 301, 302, 401, or 402), one-half unit of which must be in performance and one-half in a technical area

ThA 499 or one unit of EH 470, 471, or 472

History-Political Science (HI) (PS)

Bachelor of Arts

Natalie M. Davis and V. Markham Lester, Program Coordinators

The history-political science major provides intensive study of both disciplines and offers the opportunity for a student to recognize and create intellectual connections between the two related fields. The major emphasizes the development of analytic and writing skills needed in graduate study or professions such as teaching, law, and business.

Major Requirements

The following courses are required (15 units):

History (7 units):

HI102 and (103 or 110); HI 151 (or 155) and 152; or HI 181 and 182

HI 300

two additional units in HI at the 200 level

two additional units in HI at the 300 level

Political Science (7 units):

PS 101 or PS 238

PS 204

PS 304

PS 470

three elective units in PS

one additional unit in HI 400 or PS 472

International Studies (IS)

Bachelor of Arts

The international studies major provides students interested in global affairs with an intensive course of study of international topics. The major requires ability in a foreign language, completion of an interdisciplinary set of courses, and a significant international experience with the *strong* expectation that this experience will involve study abroad. Students interested in this major are encouraged to meet with the program coordinator at the earliest possible date.

Five components comprise the major. The first is the core curriculum, which introduces the concepts of culture and diversity, the historical interaction among cultures, and the methods used to study them. The second element is intensive training in a foreign language, which allows for the study of primary documents in context, travel and work abroad, and the ability to think and communicate beyond national borders. The third component is a four-course area of concentration. The fourth element is the senior capstone, in which the student synthesizes the knowledge and skills developed in the program into a work of original research.

The fifth component of the major is the *strong* expectation that the student integrate a study abroad program into the major. Study abroad can take place during a regular semester, during interim, or through a summer program. It may involve participation in an established program or may be individually contracted. Students planning to study abroad should contact the Sklenar Center for International Programs.

Major Requirements

The following courses are required (15 units):

six core units from:

- IS 100 Introduction to International Studies
- EC 201 Principles of Economics I
- HI 208 Diplomatic History of the United States Since 1941
- PS 235 Introduction to International Relations
- PS 238 Introduction to Comparative Politics
- PS/UES 210 Environmental Problems and Policy

four units in a modern foreign language at the 220 level or above; courses used to fulfill this requirement may not count towards the area of concentration requirements. The chosen language should be pertinent to the area of concentration when possible.

four units in a proposed area of concentration. The area of concentration must demonstrate coherence, either thematically (for example, democratization or development), geographically (for example, Europe, Asia, or Latin America), or in some other way. Concentrations are developed in consultation with and reviewed by the International Studies Committee.

IS 499 or IS 493 Senior Research Project in International Studies

At least five units in the major must be at the 300 level or above.

Languages not offered by Birmingham-Southern College and taken through the BACHE consortium may satisfy the foreign language requirement. These units must be at the 200 level or above and receive prior approval of the program director and the International Studies Committee.

Students who major in international studies and a modern foreign language, or those students with a demonstrated fluency in another language may complete four additional units in the area of concentration instead of the required language units. Substituting area of concentration units for language units must receive prior approval of the program director and the International Studies Committee.

Courses in International Studies

IS 100 Introduction to International Studies (1)

An introduction to a range of international studies topics including culture and communication, economics and politics, health, migration and population (an IC designated course).

IS 101 Pre-Departure Topics For Study Abroad (½)

A required preparation for study abroad emphasizing experiential learning, class presentations, and individual research. Successful completion required for students to earn credit for study abroad.

Prerequisite: consent. Fall, Spring.

IS 293, 393, 493 Independent Study in International Studies (½ or 1)

Directed study for advanced students in the major. Coursework will include directed readings and inquiry into selected areas in international studies. Upon invitation, qualified students may register for this course. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

IS 298, 398, 498 Teaching Experience in International Studies (½ or 1)

A teaching experience course. Upon invitation, qualified students may register for this course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

IS 473, 474 Selected Topics (1)

Selected topics in International Studies. Topics vary according to student interest and faculty interest and availability. Prerequisite: consent.

IS 499 Senior Research Project in International Studies (1)

A significant interdisciplinary individual project that must be approved during the spring term of the junior year by the International Studies Committee. The typical project will require significant independent research and will result in a paper at least twenty-five pages in length. Creative projects presented in other formats will also be considered. The focus of the senior capstone should be within the student's area of concentration, with the expectation that faculty sponsor(s) have expertise in that area. This course requires an academic contract for individualized study, reviewed and approved by the Office of Interim and Contract Learning.

Latin American Studies (LAS)

Vincent T. Gawronski, Program Coordinator

As a supplement to a disciplinary major, the minor in Latin American Studies provides a multifaceted preparation for a wide range of careers in the public and private sectors. To facilitate the student's understanding of the importance of Latin America on the global stage, the minor provides a broadbased study of language and literature, history, politics, and culture. The goal of the LAS minor is to heighten the student's awareness and knowledge of the complexities of Latin America as a region and the vast diversity of Latinos living in the United States. Ideally students who minor in Latin American Studies will travel to Latin America at some point during their undergraduate coursework. The College offers a variety of opportunities for study abroad, international internships, and even scholarship aid for such travels through the Sklenar Center for International Programs.

Consistent with the College's policies for an academic minor, no courses counted toward the major may be counted toward the Latin American Studies minor unless specifically exempted from this exclusion. A minor in Latin American Studies requires 6 units distributed as follows:

Major Requirements

No major is offered in Latin American Studies.

Minor Requirements

The following courses are required (6 units):

- (1) SN 270 or equivalent (This requirement may be waived through a proficiency exam.)
- (2) two units in interdisciplinary core courses:
 - (a) historical component (1 unit):
HI 260 Social History of Latin America
 - (b) political component (1 unit):
PS 240 Introduction to Latin American Politics
- (3) three additional elective units from the arts, history, literature, or social studies from the following:
 - ARH 405 Pre-Columbian Art
 - EH 225 Labyrinths and Solitude: Latin American Fiction in Translation
 - EH 395 Contemporary International Fiction
 - HI 261 Modern Latin America and the Revolutionary Tradition
 - LAS 200 Seminar in Latin American Studies
 - MU 126 Music of the World's People (Latin America: Spring term of oddnumbered years)
 - PS 366 Politics of Mexico and Central America
 - PS 393 Independent Study (when on Latin American Topic)
 - PS 410 Development in the Americas
 - PY 216 Health, Illness, and Healing in Cultural Context
 - SN 350 Latinos in the United States

SN 365 Latin American Civilization

SN 370 Special Topics in Culture (when taught on a Latin American topic, such as Latin American Films or Human Rights in Latin America)

SN 402 Panorama of Latin American Literature

SN 495 Special Topics in Literature (when taught on a Latin American topic)

Courses in Latin American Studies

LAS 200 Seminar in Latin American Studies (1)

An interdisciplinary seminar in Latin American Studies taught by a faculty member with a specialty in the area. The focus of the seminar will change each time it is offered: for example, topics include the dictator in Latin America, the role of the family, women in Latin America (an IC designated course).

Prerequisites: EH 102 and at least one year of college coursework.

Media and Film Studies (MFS)

Bachelor of Arts

Natalie Davis, Susan Hagen, and David Resha, Program Coordinators

The Media and Film Studies major considers the historical and cultural understanding of text, the critical examination of film and fundamentals of cinematography, and the psychological, sociological, and political impact(s) of mass media. In this program, “media” refers to various forms of representation and communication, including traditional arts and letters, print and broadcast news, the trade press, television, photojournalism, film, the internet, digital systems, and emerging information and communication technologies.

While the focus of the major lies firmly in the theory and analysis of historical and contemporary forms of human expression and communication, students also practice and produce media by taking courses in journalism, photojournalism, photography, computer science, film, or by engaging in a production-oriented project.

The major requires a set of core courses designed to provide a foundation in the historical, theoretical, critical, and analytical study of various media, including film. Following this concentration, students individualize their major by choosing electives in one of three concentrations: mass media and society, media and culture, or media production. Each student is also required to engage in an independent project or an internship and to participate in an interdisciplinary senior seminar.

Neither credit by examination in the AP and IB programs, nor individualized educational experiences, with the exception of an approved internship or independent project, may be used to satisfy requirements in the major.

Courses in the media and film studies major that are also listed with other disciplines may be used to satisfy requirements in other majors or minors at the discretion of the designated discipline.

Major Requirements

The following courses are required (11 units):

- MFS 100 Introduction to Media Studies
- MFS 200 History of American Media
- MFS 210 Media Criticism: Methods of Media and Film Analysis
- MFS 300 Media and Society
- MFS 310 Film, Text, and Culture
- MFS 470 Seminar and Senior Conference
- MFS 493 Independent Project or Internship
- four units from one of the following concentrations:
 - Mass Media and Society
 - Media and Culture
 - Media Production

The mass media and society concentration studies the psychological, sociological, and political impacts of mass media on how we think and organize ourselves, including the relationship between media (old and new) and politics and the way people process information and form beliefs.

The media and culture concentration examines how media texts and related practices represent and construct reality and how they convey meaning.

The media production concentration asks students to produce media texts, including film and video, web-based media, photography, art, music, or traditional print journalism.

Courses in the concentration areas will be developed following academic year 2010-2011.

Students should complete either MFS 100 or MFS 200 as early as possible, and prior to determining their concentration area.

Courses in Media and Film Studies

MFS 100 Introduction to Media and Film Studies (1)

An introduction to critical analysis of mass media in the context of contemporary culture and social institutions, including an examination of how mass media, such as film, television, advertising, the internet, and others, impact and reflect cultural values, political attitudes, personal identity, and behavior. Students learn basic media literacy by developing conceptual tools for thinking critically about mass media, with a special emphasis on (1) how various media shape and convey meaning; and (2) the impact that the form, function, and institutional production of media have on local, national, and global communities. Offered yearly in the fall.

MFS 150 Introduction to Film (1)

An introductory course designed to familiarize students with the fundamental concepts and tools of film analysis. The course focuses on learning to isolate, describe, and analyze stylistic elements of film, as well as film narrative and narration. This course serves two purposes: to provide the necessary descriptive and analytic tools to excel in intermediate-level film courses; and to deepen the student's appreciation for an interest in cinema by encouraging the viewing of films as richly textured works of art. (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Fall 2010.

MFS 200 History of American Media (1)

An examination of the role of print media, radio and television, film, and computer technology in shaping the transition of American society from traditional forms of print and broadcast media to the rise of the information age. Emphasis will be placed on students reading, seeing, and hearing original documents, broadcasts, and photos (or commentaries upon them). Spring.

MFS 250 History of Documentary Film (1)

An introductory survey of documentary film. The course will focus on some of the major developments in documentary practice, while also considering a number of theoretical issues in the documentary tradition, including the problem of objectivity, the relationship between the documentary image and reality, and the mixing of fiction and non-fiction modes. The goals of this course are to introduce students to the important historical trends and concepts and to help develop the critical and analytical skills needed to understand the structure, style, and rhetorical strategies of documentary film. (Does not satisfy Disciplinary Foundations requirement in history.) Fall 2010.

MFS 293, 393, 493 Independent Study in Media and Film Studies (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

MFS 298, 398, 498 Teaching Experience in Media and Film Studies (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

Musical Theatre (MS) (MU) (ThA)

Bachelor of Arts

Michael Flowers, Program Coordinator

The musical theatre major provides students with a combination of courses in dance, music, and theatre that is intended to prepare them for careers as performers in musical theatre. Given its emphases on acting, ballet, voice, piano, jazz, and music theory, the musical theatre major is more specialized than the theatre major, and a successful audition at the end of the sophomore year is required to gain admission to the program.

Major Requirements

The following courses are required (17 units):

MS 110 and 310 (1 unit)

MS 320 (2 units; and achieve proficiency level 3)

MU 150, 151, 153, 159; or MU 151, 152, 153, 154, 159, 160 (2 units)

ThA 230

ThA 111

ThA 120 and 320

ThA 210

ThA 220

ThA 221

ThA 323 and 324

two units of dance, at least one in ballet

a minimum of four performance experiences in oncampus productions;

these should include one dramatic and one musical performance and one experience as a technician. Students should thus enroll for a minimum of one-and-one-half units of ThA 102, 202, 302, and/or 402.

ThA 499

Philosophy-Politics-Economics (PL) (PS) (EC)

Bachelor of Arts

Kathleen Rossmann and Steven Hendley, Program Coordinators

The major in philosophy, politics, and economics is designed to enable students to deal more adequately with the broad range of questions raised by contemporary social, economic, and political issues. Ethical questions that require philosophical reflection are always raised by social issues as they concern what we owe others and the character of the social world we ought to be building for ourselves. And political and economic considerations are always directly involved in considering the question of the feasibility of implementing any social program. Whether we are concerned with the pursuit of a socially responsible health care system, the future of social-welfare programs, the role of the nation state in an increasingly global economy, arguments about affirmative action, or questions surrounding the multi-cultural character of modern societies, we must always be asking what we ought to do and what political and economic arrangements are appropriate and feasible to realize those ends. In addition to helping students to be better prepared to understand and deal with such social issues, the major is an excellent preparation for a number of professional careers in such areas as law, business, or public service.

Major Requirements

The following courses are required (16 units):

- (1) The following interdisciplinary core of courses are required:

PL 251
 PL 252
 PL 253
 one additional unit in PL at the 300 level or above
 PS 250
 PS 306
 PS 400
 one additional unit in PS at the 300 level or above
 EC 201
 EC 202
 EC 420
 one additional unit in EC at the 300 level or above

- (2) Select PL, PS, or EC as an area of concentration and complete the following:

two additional units in the area of concentration at the 300 level or above, to be chosen in consultation with an academic advisor from the PPE program in that area of concentration

one unit of formal/quantitative study different for each area of concentration: for philosophy, PL 241; for political science, PS 204; for economics, either PL 241, EC 204, or EC 311 (unless EC 311 has been used above)

- (3) An independent interdisciplinary research project in the senior year that incorporates at least two of the programmatic disciplines. The project may employ a variety of research methods relevant to the

empirical or theoretical aims of the project, but it should strive to integrate philosophical, political, and economic considerations, with at least two of these dimensions developed. Students should seek out a faculty sponsor for the project in one of the programmatic disciplines and a co-sponsor from one of the remaining programmatic disciplines. The research may be pursued in a disciplinary senior seminar from one of the three disciplines (with the approval of the discipline), in an existing course relevant to the project (in this case, the instructor of the course should be designated as the sponsor), or through a contracted tutorial. If it is in the area of concentration and at the 300 level or above, the course in which the research is pursued may apply toward the requirement in (2) above. The project is graded jointly by the faculty sponsor and co-sponsor.

Graduation with Disciplinary Honors in Philosophy, Politics, and Economics

A student majoring in PPE may graduate with honors by fulfilling the following requirements:

- (1) Complete the requirements for a major in philosophy, politics, and economics.
- (2) Attain a 3.50 or better grade point average in all courses taken at the College.
- (3) Attain a 3.50 or better grade point average in all courses counting toward the PPE major.
- (4) Attain a minimum grade of "A-" on the senior research project.

Religion-Education (RE) (ED) (EPY)

Bachelor of Arts

J. Lawrence Brasher, Clint Bruess, and Louanne Jacobs, Program Coordinators

The religion-education interdisciplinary major is designed for students interested in pursuing a career in religious education. The major provides essential background information and experiences in both fields, and culminates in an internship experience in a religious setting.

Major Requirements

The following courses are required (15 units):

RE 201

RE 205

RE 215

RE 311

RE 315 or 330

RE 405 or 415

RE 499

two additional units from the following, at least one of which must be at the 300 level or above: RE 220, 221, 231, 241, 280, 320, 340, 370, 405, 415, or PL 361

ED 201

ED 319 or ED 323 and 340

one additional unit from ED 210, 219, 315, or 318

ED 470

EPY 223

EPY 320

Religion-Philosophy (RE) (PL)

Bachelor of Arts

J. Lawrence Brasher and William Myers, Program Coordinators

This major provides a basic historical orientation in the fields of religion and philosophy as well as experience in the current issues dealt with in these academic disciplines.

Major Requirements

The following courses are required (13 units):

PL 250

PL 251 and 252

three additional units in PL, at least one of which is 300 level or above

RE 201

RE 205

RE 215

RE 311 or 315

two additional units in RE

RE 499 or PL 470

Sociology-Political Science (SO) (PS)

Bachelor of Arts

Natalie M. Davis, Program Coordinator

The sociology-political science major is a course of study that shows the interconnections between the two disciplines. The two areas have a common methodology and share an interest in the study of relationships of power and authority in society. Students who choose this major may go on to graduate study in either discipline or professional study in a field such as law.

Major Requirements

The following courses are required (11 units):

PS 101

SO 101

PS 204 or SO 204

PS 304 or SO 304

SO 335, SO 339, or SO 383

additional units in PS for a total of five

additional units in SO for a total of five

PS 472 or SO 499

Sociology-Psychology (SO) (PY)

Bachelor of Arts

Natalie M. Davis and Shane Pitts, Program Coordinators

The sociology-psychology major encourages students to see the methodological and theoretical relationships between sociology and psychology, and it allows them to take a socialpsychological approach to the analysis of human behavior and social interaction. Students who select this major may continue their study in a variety of graduate programs in psychology, sociology, or social work. They may also pursue additional training in law, medicine, or the health professions.

Major Requirements

The following courses are required (13 units):

PY 101

SO 101

PY 204 or SO 204

PY 215 or SO 215

PY 303 or SO 303

PY 304 or SO 304

PY 407 or PY 408

additional units in PY for a total of six

additional units in SO for a total of six

PY 417 or SO 499

Urban Environmental Studies (UES)

Bachelor of Arts

Edwin P. Brands, Program Coordinator

The urban environmental studies major provides students with an opportunity to study the problems related to the accelerated degradation of our environment, including water and air quality decline, increasingly unhealthy urban landscapes, loss of forests and farmlands, growing numbers of imperiled species, and climate change. Such problems pose a threat to human health, safety, prosperity, and well-being in complex and pervasive ways. Students in this major will develop the skills necessary to understand the complex interrelationships between human welfare and environmental sustainability.

The major requires a core set of courses in a range of disciplines and a concentration in a particular area of study. Three concentrations are offered: a natural science concentration, a society and policy concentration, and an environmental education concentration.

The natural science concentration prepares students for careers in which an understanding of science is critical, including careers in environmental management, conservation science and policy, environmental health and security, and natural resource management. The society and policy concentration prepares students for careers in which an understanding of the social sciences and economics is critical, including careers in environmental economics, public administration and environmental policy, environmental law, and environmental politics. The environmental education concentration prepares students for entry-level positions in agencies, organizations, or institutions with environmental education programs, or graduate programs with an emphasis on education. Such a student might consider the educational services major with a minor in urban environmental studies. Neither certifies students to teach in Alabama public schools.

The minor in environmental studies supplements a disciplinary major. The minor is an interdisciplinary program designed to broaden an understanding of both environmental science and policy. The program examines scientific, economic, political, cultural, and ethical concepts regarding the complex relationships between the natural world and the humanmodified world in order to ensure a sustainable society for future generations. Students will be prepared for careers in the public and private sectors or graduate studies. The student's major field of study develops the disciplinary skills of inquiry and analysis, and the minor complements the major by providing the integration of approaches to address environmental issues.

Major Requirements

The following courses are required (15 units, minimum):

(1) The following core courses are required (9-10 units):

UES 150 Environmental Studies

UES 160 Environmental Earth Sciences

BI 225 Evolutionary Ecology

EC 202 Principles of Economics II

EC 340 Economics of Natural Resources and the Environment

PL 307 Environmental Ethics or RE 320 Religion and the Natural World or EH 325 Natural, Wild,
and Free: American Environmental Literature

UES/PS 210 Environmental Problems and Policy
 PY 220 Environment and Behavior or SO 376 Environmental Sociology
 UES 470 Senior Seminar in Environmental Studies

PL 307 has a prerequisite of one course in PL (except PL 241).

Students are encouraged to participate in an internship related to their concentration and career interests. Such experiences provide hands-on experience, illustrating how real world problems can inform and challenge classroom experiences. Internships may be taken as part of interim or during a regular term through GEN or UES 397.

- (2) In addition to the core requirements, students must also complete a concentration. Each concentration provides students with training in a set of related environmental fields. Students should work with their advisor to select a course of study best suited to their professional goals.

UES Natural Science Concentration (6-7 units):

BI 115 Organismal Biology
 CH 121 General Chemistry I or CH 149 Chemical Principles
 MA 207 General Statistics
 three additional units in the natural or computer sciences from the following:
 BI 125 Cell and Molecular Biology
 BI 206 Field Botany
 BI 232 Invertebrate Zoology
 BI 314 Conservation Biology
 BI 315 Animal Behavior
 BI 332 Field Vertebrate Zoology
 BI 411 General Ecology
 BI 363 Current Topics in Biology (course must have a lab component, be related to environmental science, and be approved as an elective by the Environmental Studies Committee)
 CH 122 General Chemistry II
 CH 211 Organic Chemistry I
 CH 304 Quantitative Analysis
 CS 170 Introduction to Computing
 PH 103 Energy and the Environment

No more than one elective may be at the 100 level, and at least one elective must be at the 300 level or above. Students taking CH 149 may not take CH 122.

Students planning graduate study in environmental sciences or environmental engineering should consider also completing MA 231 Calculus I, PH 121 Physics I, and PH 122 Physics II.

UES Society and Policy Concentration (6-10 units):

two units in social science research from the following combinations:

EC/PS/SO 204 Survey Data Analysis and Statistics and EC/PS/SO 304 Research Methodology

PY 204 Statistics for Research and PY 304 Research Methods for Psychology

four additional units in courses on society and policy:

EC 312 Trade in the Americas

EC 402 Public Choice

EC 410 International Trade

EC 430 Economic Growth and Development

PS 101 Introduction to American Government and Politics

PS 250 Public Policy Process

PS 325 Contemporary Southern Politics

PS 335 Organizational Behavior and Public Administration

PS 340 Comparative Elite Behavior

PS 365 Metropolitan Government and Politics

PS 366 Politics of Mexico and Central America

PS 400 International Political Economy

PS 410 Development in the Americas

PY 101 Introduction to Psychology

PY 203 Group Dynamics

PY 220 Environment and Behavior (when not used for the core requirements)

PY 303 Social Psychology

PY 315/BI 315 Animal Behavior

PY 324 Developmental Psychology

SO 102 Contemporary Social Problems

SO 303 Social Psychology

SO 337 Social Movements and Politics

SO 373 Urban Sociology

SO 376 Environmental Sociology (when not used for the core requirements)

SO 370 Sociology of Medicine

UES 170 Water, Waste, and Sustainability

UES 180 From Babylonia to Redlands: Maps and Our Environment

No more than two electives can be at the 100 level; at least two disciplines must be represented.

CS 170 Introduction to Computing is recommended.

UES Environmental Education Concentration (6 units):

This concentration is designed for students pursuing a career related to environmental education. The concentration will prepare students for (a) entry-level positions for agencies, organizations, or institutions with environmental education programs, or (b) graduate programs with an emphasis

on education. A student interested in a career in environmental education program development should also consider an Educational Services major with a minor in Environmental Studies. Neither major will prepare students for certification to teach in Alabama public schools.

four required units:

ED 210 Curriculum Design
 EPy 260 Survey of Exceptional Children
 ED 324 Teaching Science and Health
 ED 470 Teaching Technology

two elective units in education from:

EPy 223 Human Growth and Development
 EPy 320 Educational Psychology
 ED 323 Teaching High School Subjects ($\frac{3}{4}$ unit) and ED 345 Methods for Teaching Science in Secondary Schools ($\frac{1}{4}$ unit)

Students pursuing a career in agencies with broad outreach to the public and private sectors are strongly encouraged to also enroll in BA 201 Foundations of Business Thought, BA 350 Principles of Marketing, and/or SP 101 Introduction to Speech.

Minor Requirements

The following courses are required (5 units):

UES 150 Introduction to Environmental Studies
 UES 160 Environmental Earth Science
 three elective units from:
 BI 225 Evolutionary Ecology
 BI 314 Conservation Biology or BI 411 General Ecology
 EC 340 Economics of Natural Resources and the Environment
 PL 307 Environmental Ethics
 PY 220 Environment and Behavior
 RE 320 Religion and the Natural World
 SO 376 Environmental Sociology
 UES 206 Special Topics in Urban Environmental Studies
 UES/PS 210 Environmental Problems and Policy

BI 225, BI 411, EC 340, PL 307 have prerequisites. No more than one unit of UES 206 may count towards the minor.

Courses used to satisfy urban environmental studies minor requirements may count towards major requirements in biology, economics, philosophy, political science, and psychology.

*Courses in Urban Environmental Studies***UES 150 Introduction to Environmental Studies (1)**

An interdisciplinary introduction to the complexities of environmental problems. The course provides an overview of scientific knowledge on ecology and environmental management and examines political, economic, and ethical issues involved in the attainment of a sustainable future. The course explores how an understanding of the natural and social sciences is necessary to address and solve environmental problems. Selected topics, including population growth, food shortages, pollution containment, and energy resources, are addressed. Two lectures and one threehour laboratory per week. (Satisfies Disciplinary Foundations requirement in a laboratory science.) Fall.

UES 160 Environmental Earth Science (1)

An introduction to the earth sciences, including climatology, oceanography, physical geography, geology, hydrology, and others. Topics include how the earth's internal, surface, and atmospheric forces shape the physical environment and selected examples of how humans interact with the physical environment. Special emphasis is placed on urban areas. Two lectures and one laboratory period per week. (Satisfies Disciplinary Foundations requirement in a laboratory science.) Spring.

UES 170 Water, Waste, and Sustainability (1)

An examination of fundamental historical and contemporary water resource and human waste disposal challenges. Course materials and activities encourage reevaluation of how we utilize water resources and dispose of (or utilize) human waste, and underscore the importance of water to human and all other life on Earth. Impacts of both large scale technologies (e.g., dams and reservoirs), and small-scale technologies such as the toilet (wet vs. dry) are explored. Human health issues are also incorporated in our exploration of the urban hydrologic cycle. Geospatial technologies (e.g., GIS) assist in understanding the local, regional, and global nature of various water-related issues.

UES 180 From Babylonia to Redlands: Maps and Our Environment (1)

An exploration and critical examination of the history, uses of, and changing significance of mapping, particularly related to the environment. Readings, discussions, collaborative activities, and hands-on exposure to geographic information systems (GIS, or electronic mapping software) will comprise the bulk of course activities. Although the focus is on the environment, students will find the knowledge and skills developed in this course applicable to numerous fields of inquiry. Typically offered as a First-Year Foundations course. (Also listed as PS 180.) (Satisfies Disciplinary Foundations requirement in behavioral and social science.)

UES 206 Special Topics in Urban Environmental Studies (1)

An in-depth and interdisciplinary exploration of one or more environmental issues. Topics, disciplinary perspectives, and instructors may vary.

UES 210 Environmental Problems and Policy (1)

An introduction to U.S. and international policies that address our many significant environmental problems. There are more than 30 major U.S. environmental laws, and over 300 international agreements addressing environmental issues ranging from transboundary air pollution to trade

in endangered species to nuclear non-proliferation. Selected U.S. and international policies and processes are highlighted, and challenges and successes of U.S. and international environmental policy are explored. (Satisfies Disciplinary Foundations requirement in behavioral and social sciences; a Leadership Studies designated course; also listed as PS 210.) Fall.

UES 293, 393, 493 Independent Study in Urban Environmental Studies (½ or 1)

Directed study for advanced students in the major. Specific guidelines concerning independent study projects appear in the Individualized Study section of this catalog.

UES 298, 398, 498 Teaching Experience in Urban Environmental Studies (½ or 1)

A teaching experience course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog.

UES 470 Senior Seminar in Environmental Studies (1)

An interdisciplinary capstone experience for the integration and synthesis of disciplines and subject areas related to the major, with an emphasis on problem-solving. The course involves readings, guest speakers, instructor and student-led discussions, and a significant project (with written and oral components) that focuses on advancing urban sustainability and upon which the student's Senior Conference presentation will be based. Prerequisites: senior standing or instructor permission.

UES 472 Senior Research in Urban Environmental Studies (1)

An in-depth research investigation of an issue related to environmental studies. Students work under the guidance of a faculty research advisor to complete the research and produce a final product. The project should be directly related to the student's concentration within the UES major. Prerequisites: senior standing.

INTERDISCIPLINARY COURSES

Interdisciplinary courses are either cross, multi, or interdisciplinary in nature. Interdisciplinary courses related to an interdisciplinary major or minor are listed with the program. Interdisciplinary courses are offered under the following designations:

Arts/Humanities (AH)
 Fine Arts (FN)
 Humanities (HM)
 Interdisciplinary Studies (IDS)
 Natural Sciences, Math, Computer Science (NSM)
 Social & Behavioral Sciences (SBS)

Interdisciplinary Courses

HM 120 How Language Works (1)

An investigation into human language. This course introduces students to linguistics, the scientific study of language. Topics include language and society, language acquisition, pragmatics, syntax, semantics, phonology, and related issues.

HM 200 Banned Books: French Literature in Translation (1)

An exploration of the impact of censorship on the reception and valuation of French literature. The course examines the banning of books by such writers as Molière, Voltaire, Flaubert, and Camus. All readings will be presented in English translation and class will be held in English. No prior knowledge of French is expected. (Satisfies Disciplinary Foundations requirement in literature or humanities; an IC designated course.)

HM 310 It's Not Your Grandmother's Advice: Feminism and Cultural Criticism (1)

Introduces students to the historical development of issues in feminist thought through texts by selected influential feminist thinkers in the United States and Europe, particularly France. Readings will consider ways in which women's access to culture is mediated by gender, class, and symbolic structures, as well as how gender inequalities shape the lives of women and men. Topics to be considered will include sexuality, sexual identity, work, gender relations, and images of women and men in the media. Questions under discussion will include "What is a woman?" "What is a man?" "What is feminist knowledge, and how is it related to social change?" Also listed as HON 310, this course may be counted by Honors Program students toward fulfillment of their course requirements (a Leadership Studies designated course).

IDS 200 Introduction to Human Rights (1)

A critical examination of human rights concepts and their practical applications from the perspective of a variety of disciplines in the humanities and social sciences. (Satisfies Disciplinary Foundations requirement in either humanities or social science; an IC designated course; a Leadership Studies designated course). Prerequisite: at least sophomore standing.

IDS 280 Human Sexuality (1)

Biological, sociological, psychological, and ethical aspects of human sexuality. Course content will include a biological overview; an examination of behavioral variations; research in sexuality, social issues, sexual decision making, sexuality of special populations; and exploration of contemporary sexual issues. This course is not open to students who have taken PY 208.

SBS 105 World Regional Geography: Discovering the World Around You (1)

A study of the major regions of the world—Europe, Middle East, Asia, the Pacific, Africa, and America—with emphasis on the connections between location, population, distributions, problems, potentialities, existing relations and organizations among the countries of the world. (Does not fulfill the Disciplinary Foundations requirement in the social and behavioral sciences.) Spring.

SBS 106 Nonprofit Organizations (1)

An examination of the role of nonprofit organizations in the United States and their growing importance internationally (a Leadership Studies designated course). Prerequisites: at least one year of college coursework and consent.

SPECIAL PROGRAMS

FOREIGN LANGUAGE ACROSS THE CURRICULUM

Birmingham-Southern College offers students opportunities to enhance their foreign language proficiency and cultural knowledge through coursework in other discipline areas. The Foreign Language Across the Curriculum program adds a foreign language component to courses in a variety of fields. Students taking these courses as FLAC courses receive an additional $\frac{1}{4}$ unit of credit in the foreign language. Such courses allow students to make sophisticated use of language skills, provide greater flexibility in foreign language study (beyond the traditional language classroom), and demonstrate the degree to which language influences ideas. Students in the program develop a keener cultural awareness and language skills necessary to participate more fully in today's shrinking, interdependent world.

Students must register for the disciplinary content course and for the FLAC component (language courses numbered 333) during the same term. Exceptions are students who have already had the disciplinary content course; these students may register for the FLAC component any time it is offered. Students taking the FLAC component do additional readings in the foreign language and meet with the foreign language professor and, possibly, the discipline professor one hour per week for discussion of those readings.

Students receive $\frac{1}{4}$ unit credit in the appropriate foreign language in addition to the unit credit for the disciplinary content course. If a student takes four FLAC components in the same foreign language, that resulting 1-unit credit can be applied to a major or minor in that language. The minimum language level eligibility for the program is completion of the third semester course (FR 220, GK 245, GN 220, LA 245, or SN 220) and consent.

HONORS PROGRAM

Susan K. Hagen, Director of Harrison Honors Program

The Harrison Honors Program in general education is designed to foster students' intellectual curiosity, their oral and written communication skills, and their ability to think and study independently. The importance of viewing issues from interdisciplinary perspectives and of integrating, as well as analyzing, knowledge is a special focus in the program's courses and requirements. The program addresses its mission through small, interdisciplinary seminars developed specifically for Harrison Scholars and through upper-level courses with an interdisciplinary focus. The Harrison Honors Program serves as a complementary approach to fulfilling the College's Foundations Curriculum Requirements for general education.

Approximately 35 students are admitted to the program each year. Prospective students may apply by 1 December for early admission to the program or they may apply after being admitted to the College. Interested students should contact the Director of the Honors Program.

Honors Scholars who are in good standing in the program and who have attended the minimum number of cultural events for their class standing enjoy priority registration. Each Harrison Honors Program Scholar is also eligible for a one-time \$3,000 research stipend to be used in the junior year or after having completed four and one-half HON units.

Harrison Honors Program Requirements

The Honors Program component of a Harrison Scholar's general education consists of five units of Honors seminars and one unit of independent study, the Honors project. The specific general education requirements met by Honors courses and those met by regular courses will vary from student to student, depending on which Honors courses the student elects to take. Students may take one Honors interim project which will count toward the five units of Honors seminars. Students who participate in study abroad programs that include interdisciplinary courses may also request to count one such course toward their Honors requirements. Harrison Scholars' remaining general education coursework is completed in the regular curriculum of the College. The course descriptions that follow indicate which general education requirement can be met by each Honors seminar. Students may also enroll in Honors courses offered by the honors programs in the Birmingham Area Consortium of Higher Education (BACHE). The Honors project is considered a general education course outside the major and its supporting courses, and outside the minor, if one has been declared, unless the faculty allow a particular project to meet a more specific general education requirement.

Typically, Harrison Scholars complete their Honors seminars by the end of the junior year, submit a proposal for the Honors project to the Honors Committee during the latter half of the junior year, and execute the Honors project during the senior year. Students wishing to deviate from this progression of coursework must consult with the director.

The notation "Harrison Scholar" is placed on the academic transcripts of students meeting graduation requirements as students in the Honors Program.

Honors Program Courses

Note: First-year students may enroll in 300-level Honors seminars or above only with the consent of the instructor. Many courses listed below are offered on an alternate year basis.

HON 120 The History of Terrorism (1)

An examination of the history of terrorism with the twin goals of explaining its contemporary prevalence and its historical significance. Emphasis will be placed on the political, social, and cultural contexts of terrorism and political violence; critical, literary, and popular responses to terrorism; changing definitions of terrorism; and the interrelationship between terrorism and modernity. Particular attention will be paid to revolutionary terrorism in Europe and Russia in the nineteenth and early twentieth centuries; ethno-nationalist terrorism in Europe, the Middle East, and North Africa in the second-half of the twentieth century; anti-imperialist and left-wing terrorism in the 1960s and 1970s; and the recent upsurge in religiously inspired terrorism. (Satisfies Disciplinary Foundations requirement in history or requirement in humanities.) Prerequisite: Harrison Honors Program.

HON 125 America's Music (1)

Explores the unique qualities of American music and the contributions of American musicians to the world. This course investigates the dialectical tension between the Eurocentric tradition and the search for a unique form of musical expression in America. The course provides complementary readings in literature, philosophy, and art, with an emphasis on primary sources. The course also emphasizes intercultural and international connections. (Satisfies Disciplinary Foundations requirements in fine and performing arts.) Prerequisite: Harrison Honors Program.

HON 206 Darwinism and Philosophy (1)

An examination of philosophical questions raised by a Darwinian account of the evolution of life such as the creation-evolution debate, evolutionary accounts of altruism, morality, free will, and human behavior generally. (Satisfies Disciplinary Foundations requirement in philosophy or religion.) Prerequisite: Harrison Honors Program.

HON 208 Archaeology (1)

An introduction to the prehistory of the southeastern United States with emphasis on Alabama prehistory. Students participate in an archaeological dig, artifact analysis, and site report preparation. Two lectures and one three-hour laboratory per week. (Satisfies the Disciplinary Foundations requirement in a laboratory science.) Prerequisite: Harrison Honors Program.

HON 210 Science, Physics, Music (1)

An investigation into the nature of science and the methods of physics, with music as the ultimate object of our study. Classroom discussions integrated with laboratory exercises will focus on key questions: what can we discover, to what degree can we be confident in those findings, and what are the limits to our understanding? (Satisfies Disciplinary Foundations requirement in lab science.) Prerequisite: Harrison Honors Program.

HON 215 Discovering Photography (1)

An interdisciplinary introduction to the production and understanding of photography in its cultural context, including the impact on art, history, media and the way in which we view the world. The basics in photography are also covered. Camera required (no phone cameras). No previous experience in photography required. This course may not be used to satisfy major or minor requirements in studio art or art history. (Satisfies Skill Foundations requirement in creative art.) Prerequisite: Harrison Honors Program. Spring 2010, Spring 2012

HON 220 and 221 International Film I and II (1 each)

A seminar that examines the stylistic development of film, its directors, and cultures. The first term begins with the silent era of the 1920s in Europe to the French New Wave of the early 1960s. The second term begins with a study of film from the second Italian Renaissance and continues with post-New Wave Italian, eastern Europe and German, British, and Third World cinema. (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Prerequisite: Harrison Honors Program.

HON 222 Frankenstein Meets Snow White: Crosscultural Studies in Romanticism (1)

A seminar concentrating on the literature and culture (i.e., music, art, science) of Romanticism with special focus on Germany and England. This course employs a seminar format emphasizing class discussion, close readings, and lectures covering interdisciplinary material. It is geared primarily to first-year students and is teamtaught. All texts are in English. (Satisfies Disciplinary Foundations requirement in literature or requirement in humanities.) Prerequisite: Harrison Honors Program.

HON 225 Creativity: Person, Process, Place (1)

A seminar that reviews and critiques current psychological theory and research on the creative process in all fields and related questions about the assessment and interpretation of creative products. Students will reflect on their own creative process, comparing their experiences to specific scientists and artists. Topics include creative problem solving, origins of cognitive and behavioral traits of creative individuals, and social, historical, and physical contexts conducive to creativity. (Satisfies Disciplinary Foundations requirement in humanities.) Prerequisite: Harrison Honors Program.

HON 230 and 231 Plural America I and II (1 each)

A two-term seminar that examines the plurality of the American culture by studying both the history and literature of the major non-Western culture in our country. Students should come away with an appreciation of the achievements and limitations of our Western heritage and a heightened sensitivity to the cultural diversity of the world at large. The first term focuses on Native-American and Chicano history and literature and on the European context of American society. The second term focuses on the Asian-American and African-American experience. (Satisfies Disciplinary Foundations requirement in history, literature, or requirement in humanities; an IC designated course.) Prerequisite: Harrison Honors Program.

HON 235 Connections: Music, Mathematics, and Structure (1)

A seminar exploring common themes between mathematics, music and other liberal arts disciplines using the perspective of structure and expression. The composer and the mathematician must both confront the problem of devising or adjusting structures used as vehicles for their ideas. The seminar examines how these problems are solved by considering the nature, function, and purpose of structure in music, mathematics, and a third discipline, and compares these disciplines for differences and elements in common. (Satisfies Disciplinary Foundations requirement in fine and performing arts or requirement in a non-laboratory science.) Prerequisite: Harrison Honors Program.

HON 240 World Wide Impressionism (1)

A seminar examining impressionism on a world-wide scale in the fields of painting, music, and literature from 1860-1920. The course explores the movement from the French roots to a much broader time and place frame, as a manifestation of the shift from formal style, and as a reflection of changes caused by the Industrial Revolution in societies around the world. (Satisfies Disciplinary Foundations requirement in fine and performing arts.) Prerequisite: Harrison Honors Program.

HON 242 Science and Religion: Initiating Dialogue and Understanding (1)

A seminar examining the relationship between natural science and religion. The course explores historical relationships between the two fields of study and considers models and paradigms used in the study of both fields. The course seeks to develop an ongoing dialogue, which addresses how the fields of natural science and religion can be related to each other. Through use of a dialogue/debate format the course will emphasize areas of similarity and how the two fields are not fundamentally irreconcilable, but interact and serve to shape and nourish understanding of each other. (Satisfies Disciplinary Foundations requirement in a non-laboratory science.) Prerequisite: Harrison Honors Program and at least one year of college coursework.

HON 243 Dissecting the Text: Literature, Medicine, and the Body (1)

An investigation of the relationship between literature, medicine, and the body. This seminar examines all aspects of the medical humanities as represented in literary texts about the experience of health, illness, and doctoring from medical professional, physician, and patient perspective. By analyzing the way we represent, interpret, and “read” the body, this course dissects the politics of health and suffering, illness and recovery, hope and healing. (Satisfies Disciplinary Foundations requirement in literature or humanities.) Prerequisite: Harrison Honors Program.

HON 247 An Arthurian Primer (1)

An investigation of three prominent strands of the Arthurian legend—the Grail quest, the adulterous love of Lancelot and Guinevere, and Arthur as the Once and Future King. Resources in literature, history, and visual art will be brought together to study how these Arthurian motifs have been used artistically and socially to promote cultural ideals from medieval England and France to contemporary America. (Satisfies Disciplinary Foundations requirements in literature or requirement in humanities.) Prerequisite: Harrison Honors Program.

HON 248 Monsters, Monarchs, and Monastics: Legacies of Medieval Literature in Popular Culture (1)

An introductory course focusing on critical approaches to literature. Using medieval literature in translation and texts from popular culture the course introduces students to the fundamentals of literary interpretation. Texts range from Arthurian romances to contemporary trade-market mysteries. Considerable attention is also given to technology in teaching and learning. (Satisfies Disciplinary Foundations requirement in literature or requirement in humanities). Prerequisite: Harrison Honors Program.

HON 249 Literature, Visual Art, and Digital Images (1)

A survey of various approaches to the relationships between verbal and visual arts from the Middle Ages to the present, including emerging relationships between literature and digital media. Study includes works in one medium inspired by those of another, works in visual and verbal media from the same period, and artists of multiple forms. (Satisfies Disciplinary Foundations requirement in literature or requirement in humanities.) Prerequisite: Harrison Honors Program.

HON 260 Critical Encounters: French Literature Through Different Lenses (1)

An examination of how literary theory provides ways to interpret not only literary texts, but also life and culture in general. This course introduces students to major theories—or “lenses”—and asks them to interpret French literary texts in translation. Class will be held in English. (Satisfies Disciplinary Foundations requirement in literature or requirement in humanities; an IC designated course.) Prerequisite: Harrison Honors Program.

HON 280 The Economics of Poverty (1)

An investigation of the tools and methods economists use to analyze the causes and effects of poverty and discrimination. The course examines economic theories and relevant empirical findings, analyzes poverty-related data and measurements of poverty and discrimination, and examines the effectiveness of public policies aimed at reducing poverty. (Satisfies Disciplinary Foundations requirement in economics.) Prerequisites: Harrison Honors Program.

HON 282 Disputers of the Tao: Major Texts in the Confucian, Buddhist, and Taoist Traditions in East Asia (1)

The historical development of the major philosophical and religious traditions of East Asia (Confucianism, Taoism, and Buddhism) taught through the reading of a selection of their fundamental texts. The focus will be the texts, the major doctrines and schools of these traditions, and the patterns of their historical development in China, India, Japan, and Korea (Satisfies Disciplinary Foundations requirement in history or requirement in humanities; an IC designated courses.) Prerequisite: Harrison Honors Program.

HON 284 Psychology of Mass Media (1)

A seminar examining the intersection between mass media and human psychology. The course explores how children, adolescents, and adults process and respond to mass media with emphasis on cognitive, social, behavioral, and personality theories. Topics include the impact of media on identity development, the ways that media representations of gender, race, and class affect our social and cognitive constructions of groups, the influences of media exposure on human behavior, and the role of the active audience in media consumption and creation. This course will highlight the interaction between the media and audience, focusing not only on how mass media shapes human psychology, but by how the psychology of the audience shapes media. (Satisfies Disciplinary Foundations requirement in psychology; satisfies an elective for psychology majors/minors.) Prerequisite: Harrison Honors Program. Spring 2011.

HON 287 Western Images of Asia (1)

A multimedia exploration of Western attitudes about the "orient." By reading scholarly and fictional texts and carefully viewing the visual arts, this course analyzes the development of Western attitudes toward the "east," beginning with important medieval explorers and concluding with our present concern with the Japanese. (Satisfies Disciplinary Foundations requirement in history or requirement in humanities; an IC designated course.) Prerequisite: Harrison Honors Program.

HON 288 Remembering World War II (A): The War in Asia and the Pacific (1)

A seminar on how World War II in Asia and the Pacific is remembered in several countries, including China, Japan, Korea, and the United States. Using a variety of literary (novels, poetry, and memoirs), artistic (film and painting), and architectural (monuments, memorials, and museums) evidence, we explore the legacy and memories of World War II in these various countries, consider some of the many issues related to selfrepresentation and historical memory, and examine how different cultures with widely divergent pasts and traditions come to shape memory and guilt. (Satisfies Disciplinary Foundations requirement in history or requirement in humanities; an IC designated course.) Prerequisite: Harrison Honors Program.

HON 289 Remembering World War II (B): The War in Europe and the Holocaust (1)

A seminar on how World War II in Europe and the Holocaust are remembered in several countries. Using a variety of literary (novels, poetry and memoirs), artistic (film and painting), and architectural (monuments, memorials, and museums) evidence, we explore the legacy and memories of World War II in these various countries, consider some of the many issues related to selfrepresentation and historical memory, and examine how different cultures with widely divergent pasts and traditions come to shape memory and guilt. Countries to be studied are chosen from among the following: Germany, France, Poland, Russia/Soviet Union, and the United States. (Satisfies Disciplinary Foundations requirement in history or requirement in humanities; an IC designated course.) Prerequisite: Harrison Honors Program.

HON 293, 393 Honors Independent Study (½ or 1)

Directed study for Harrison Scholars. Interested students should consult with the Director of the Harrison Honors Program.

HON 298, 398, 498 Teaching Experience in Honors (½ or 1)

A teaching experience in an HON course. Specific guidelines concerning teaching experiences appear in the Individualized Study section of this catalog. HON credit for the teaching experience does not count toward the five required units in Honors seminars.

HON 301 Special Topics: Who Is Jesus? Exploring a Cultural Phenomenon (1)

An investigation of the ways that Jesus Christ has influenced and shaped culture for twenty centuries. This seminar takes the view that the person of Jesus not only influences culture but that culture continually interprets him to meet and to satisfy culture's understanding of itself. The course begins with a review of scriptural understandings of Jesus, moves to a survey of his place in the history of culture, and concludes with an examination of a variety of ways of interpreting Jesus' cultural identity. (Satisfies Disciplinary Foundations requirement in philosophy or religion.) Prerequisite: Harrison Honors Program.

HON 302 Church, Slavery, and Civil War (1)

An in-depth examination of slavery in the American south and the debate around its abolition, explored through the role of religion in the American Civil War. This seminar will explore how the Bible and Christian theology were used to defend divergent and diametrically opposed positions. Throughout this discussion, the class will work to make connections between that historical period and theological debates surrounding controversial issues in twenty-first century American culture. (Satisfies Disciplinary Foundations requirement in philosophy or religion.) Prerequisite: Harrison Honors Program.

HON 306 Ethics, Public Policy and Public Service (1)

An examination of topics related to the content of public policy and the conduct of public officials in the United States from the perspective of applied ethics. (Satisfies Disciplinary Foundations requirement in political science.) Prerequisite: Harrison Honors Program.

HON 307 Civil Rights and Justice (1)

A review of the Civil Rights Movement in the South, focusing on the judicial process and the role of the courts, followed by an examination of contemporary issues in housing, education, and employment—issues that reflect the continuing struggle to achieve full civil rights and justice. (Satisfies Disciplinary Foundations requirement in political science; an IC designated course.) Prerequisite: Harrison Honors Program.

HON 310 It's Not Your Grandmother's Advice: Feminism and Cultural Criticism (1)

Introduces students to the historical development of issues in feminist thought through texts by selected influential feminist thinkers in the United States and Europe, particularly France. Readings will consider ways in which women's access to culture is mediated by gender, class, and symbolic structures, as well as how gender inequalities shape the lives of women and men. Topics to be considered will include sexuality, sexual identity, work, gender relations, and images of women and men in the media. Questions under discussion will include "What is a woman?" "What is a man?" "What is feminist knowledge, and how is it related to social change?" (Satisfies Disciplinary Foundations requirement in humanities.) Prerequisite: Harrison Honors Program.

HON 321 Poetry and Music: The French Connection (1)

An investigation into the relationship between poetry and music, specifically as demonstrated in the works of the French art song composers. Designed for the non-music major, this course, taught in English, will bring together textual analyses of poetry and interpretations of the language of music. (Satisfies Disciplinary Foundations requirement in literature or requirement in humanities.) Prerequisite: Harrison Honors Program.

HON 325 Contemporary Southern Politics (1)

An in-depth review of the literature on Southern politics as well as an opportunity for students to complete original research. Primary emphasis is placed on contemporary Southern political behavior, including parties and elections, voting behavior, and the politics of race. (Satisfies Disciplinary Foundations requirement in political science.) Prerequisite: Harrison Honors Program.

HON 345 Medieval Narrative in Words and Pictures (1)

An investigation of medieval modes of reading texts and images. Beginning with working definitions of such words as *reading*, *narrative*, and *intertextuality*, this seminar will explore such through interdisciplinary case studies and will address topics like the relations of images and texts, reception, and compositional structure and meaning. (Satisfies Disciplinary Foundations requirements in art history or requirement in humanities. Satisfies a pre-1800 period course requirement for art history majors.) Prerequisite: Harrison Honors Program.

HON 350 Chaucer (1)

A reading of the *Canterbury Tales* and other selected major poems of Chaucer in Middle English. (Satisfies Disciplinary Foundations requirement in literature or requirement in humanities.) Prerequisite: Harrison Honors Program.

HON 361 Politics in China and Japan (1)

An examination of the current political systems of the two countries with focuses on political culture, elites and masses, political institutions and processes, current issues, and political change. (Satisfies Disciplinary Foundations requirement in political science; an IC designated course.) Prerequisite: Harrison Honors Program.

HON 450 Religion and Politics in America (1)

Explores the relationship between religion and politics in America. Emphasis is placed on the role of religion in American culture and how religion affects politics. (Satisfies Disciplinary Foundations requirement in philosophy or religion or requirement in political science.) Prerequisites: Harrison Honors Program.

HON 493 Honors Project (½ or 1)

An independent study in general education in preparation or completion of the Honors Independent Project. All Honors projects require approval by the Harrison Honors Committee. Typically, the Honors Project is begun the spring of the junior year and completed the fall of the senior year. HON 493 may be repeated with consent. Prerequisite: Harrison Honors Program.

For admission requirements or additional information, interested students should contact either of the offices below:

Admission Office
Birmingham-Southern College
Birmingham, Alabama 35254
(800) 5235793

Director of the Honors Program
Birmingham-Southern College
Box 549030
Birmingham, Alabama 35254
(205) 2267837
(205) 226-7842
bschp@bsc.edu

LEADERSHIP STUDIES

Jeanne Jackson, Director of Leadership and Environmental Studies, Hess Center for Leadership Studies

The Hess Center for Leadership Studies houses the Distinction in Leadership Studies program. This program builds on the liberal arts curriculum and the mission of Birmingham-Southern College to challenge students “to be committed to intellectual and social responsibility.” A student who meets all of the requirements listed below receives Distinction in Leadership Studies at graduation, distinguished by special recognition on the student’s transcript and a certificate at graduation from the President of the College.

As an interdisciplinary program, Leadership Studies seeks to achieve the following:

- (a) Critically address conceptions of leadership.
- (b) Expand conceptions of leadership beyond position.
- (c) Increase the political, historical, and cultural understanding of leadership.
- (d) Explore the dynamics between leadership and community.
- (e) Develop communication skills.
- (f) Foster civic responsibility.

Distinction in Leadership Studies Program Requirements

To earn a Distinction in Leadership Studies, students must meet the following requirements:

- (1) Complete LS 200 Leadership Studies: Theory and Practice.
- (2) Complete two Leadership Studies designated courses from two academic disciplines, and earn at least a grade of “B” (3.00) in each.
- (3) Complete the Leadership Studies Junior Year Practicum (prerequisite for LS 400).
- (4) Complete LS 400 Capstone Senior Leadership Seminar, including a public presentation.
- (5) Attain a 2.50 or better grade point average in all coursework at the College.

Students must complete all of the requirements to earn a Distinction. Typically, students complete item (1) during their sophomore year, items (2) and (3) during their junior year, and item (4) during their senior year. The Director of the Leadership Studies program determines if the student has completed program requirements.

Students interested in the Distinction program should contact the Director of Leadership Studies as early as possible.

*Courses in Leadership Studies***LS 200 Leadership Studies: Theory and Practice (1)**

An introduction to the academic study of leadership from both theoretical and practical perspectives. Not limited to students in the Leadership Studies program. Prerequisite: at least one year of college coursework. Fall, Spring.

LS 400 Capstone Senior Leadership Seminar (½)

A capstone seminar of selected topics on leadership theories and civic responsibility. The course requires an in-depth paper and presentation on a leadership topic, demonstrating the student's accumulated knowledge and skills in leadership studies. Students lead discussion on required readings. The seminar is a requirement for the Distinction in Leadership Studies program. Prerequisites: DLS program student, completion of Leadership Studies Junior Year Practicum, and/or consent. Fall, Spring.

LS 498 Teaching Experience in Leadership Studies (1)

Experience in the teaching of LS 200 Leadership Studies: Theory and Practice under the supervision of a member of the faculty. This course does not count toward the completion of the Distinction in Leadership Studies. Prerequisites: LS 200 and consent.

LS 200 is a multi-disciplinary course that serves as a prerequisite to other leadership-designated courses for students pursuing Distinction in Leadership Studies. The following is a list of leadership studies designated courses:

BA 400 International Strategic Issues
 ED 210 Curriculum Design
 HI 208 Diplomatic History of the United States since 1941
 HI 210 US Women's History
 HI 242 Industry, Imperialism, and World War: History of England from George III to the Present (1)
 HI 245 Russian Civilization
 HI 250 Topics in the History of Terrorism (1)
 HI 309 Women of the American South
 HM/HON 310 It's Not Your Grandmother's Advice: Feminism and Cultural Criticism
 IDS 200 Introduction to Human Rights
 MU 371 Conducting
 PL 307 Environmental Ethics
 PS 240 Introduction to Latin American Politics
 PS 306 Ethics, Public Policy, and Public Service
 PS/ HON 307 Civil Rights and Justice
 PS/ HON 325 Contemporary Southern Politics
 PS 340 Comparative Elite Behavior
 PY 203 Group Dynamics
 SBS 106 Nonprofit Organizations
 SO 337 Social Movements and Politics
 ThA 403 Directing and Stage Management
 UES/PS 210 Environmental Problems and Politics

SERVICE-LEARNING

Kristin Harper, Director of Service-Learning, Bunting Center for Engaged Study and Community Action

Kent Andersen, Faculty Liaison, Bunting Center for Engaged Study and Community Action

Sara Doughton, Assistant Director of Service-Learning, Bunting Center for Engaged Study and Community Action

Long a part of the College's mission, service-learning is one of the distinctive features of the College. Formerly known as the Office of Service Learning, the Bunting Center for Engaged Study and Community Action houses the College's service-learning programs. The Center is located on the second floor of the Norton Campus Center.

The Bunting Center seeks to achieve the following goals:

- (a) Promote the practice and ethic of engaged study and community action throughout the campus community in both curricular and co-curricular activities.
- (b) Foster mutually beneficial campus and community partnerships in research, direct service, social action, and community organization.
- (c) Facilitate learning about issues of social concern through service, training, and discussion.
- (d) Support faculty by providing and participating in opportunities for engaged study within the curriculum, including research and community based projects.
- (e) Offer campus constituencies assistance in locating community service opportunities and connecting with local organizations.
- (f) Collaborate with all constituencies of the College in providing programming and coursework designed to enhance the skills necessary for effective citizenship.

In cooperation with faculty, staff, and students, the Bunting Center offers extensive local and global programs of service that benefit the College and the community.

Community Partnerships are student-initiated and student-facilitated activities that occur on a regular basis throughout the school year. These projects allow students to develop real relationships with area agencies while fostering and strengthening the College's partnerships with the surrounding community. Current ongoing partnerships include First Light Women's Shelter, International Tutoring (ESL), Piper Place Day Program, Urban Kids, Hispanic Interest Coalition of Alabama (HICA), Oak Knoll Skilled Nursing Facility, and Woodrow Wilson Elementary School.

Alternative Spring Break offers an opportunity for students to gain an understanding of another culture or place and to learn about themselves as they serve. Participants prepare as a team prior to travel. For past spring breaks, teams have worked in Puerto Rico, San Francisco, Boston, Appalachia, the Mississippi gulf coast, Washington, DC, as well as right here in Birmingham.

Service-Learning Interim Projects provide students and faculty with intensive, course-based service-learning in local, national and international communities. Students are selected through an application

process and prepare by engaging in team building activities, discussing the history, theory, and practice of service-learning, and research issues relevant to the service site. Evaluation is based on participation in the orientation sessions, a pre-trip presentation, and on-site performance.

Service-Learning Integrated Courses enhance regular term course offerings in various disciplines by adding a service component to a course, thus enriching exploration of the topic. Contact the Bunting Center staff for details about these courses.

INTERNATIONAL PROGRAMS

Anne Ledvina, Associate Director of Sklenar Center for International Programs

The Sklenar Center for International Programs serves as the center for international education at Birmingham-Southern College. With students, faculty, and staff, the Sklenar Center sponsors intercultural programming for the campus. Programmatic highlights include Global Gatherings and the International-Floor (I-Floor). Global Gatherings are monthly dinners designed to celebrate an international holiday or highlight a particular culture. The International-Floor (I-Floor) is a residential space that houses a community of students committed to intercultural living and learning, and is responsible for assisting in the coordination of cross-cultural events on campus. Based on the belief that international study is a fundamental part of a liberal arts education, the Sklenar Center offers study abroad and international internship opportunities for students in all majors. Students have the opportunity to engage in an intercultural experience either through study and travel, through the campus programs that bring students in contact with people of other cultures, or through the academic experiences that introduce international and cultural perspectives. All advising and support services for international students and scholars are provided through the Sklenar Center.

International Study

Birmingham-Southern College considers international study to be an essential part of a liberal arts education. The Sklenar Center is committed to offering students the opportunity to enhance their academic majors and minors through study abroad in all regions of the world. Likewise, the Sklenar Center helps prepare and reorient students who study abroad by offering IS 101 Pre-Departure Topics for Study Abroad and re-entry programming, all of which provides students with the opportunity to explore cultures from an ethnographic perspective and to consider how international experience shapes their lives.

Requirements for participation in the study abroad program include:

- (a) meeting all Sklenar Center deadlines for application, scholarship and course pre-approval
- (b) meeting the GPA minimum of 2.5
- (c) completing the requirements of IS 101 Pre-Departure Topics for Study Abroad course the semester prior to departure.

International Students

The Sklenar Center provides a range of services and programs to international students and scholars on campus. As sponsor of the International Student and Exchange Visitor Programs, the Sklenar Center provides support to international students and assists the campus community with immigration-related issues and other matters relevant to international students and scholars. Additionally, the Sklenar Center coordinates an international seminar that introduces American culture from a variety of perspectives and helps participants explore the challenges and rewards of making cultural transitions. The Sklenar Center organizes on- and off-campus events that allow international students and scholars to connect with the community.

The Sklenar Center has several student leadership positions for those interested in developing their skills in international education. The students serving in these positions are part of the Sklenar Center's Student Advisory committee whose role is to assist the Sklenar Center with international education initiatives. The positions are listed below and more details can be found on the Sklenar Center website.

International Student Ambassadors
Global Gathering Coordinators
Teaching Assistant for IS 101 Pre-Departure Topics for Study Abroad
Resident Hall Advisor for the I-Floor
Re-entry Advisor for Study Abroad

For further information about all international programs, please refer to the Sklenar Center website:
www.bsc.edu/goto/international.

INDIVIDUALIZED STUDY

INTERIM AND CONTRACT LEARNING

Katy E. Leonard, Director of Office of Interim and Contract Learning

The Office of Interim and Contract Learning provides counseling and assistance for students interested in individualized study. Students may design learning experiences that reflect their individual needs and career interests. These learning experiences can range in scope from independent study courses to an entire major; all individual learning experiences require a written proposal from the student. Information about individualized majors can be found in the Academic Majors section of this Catalog. The Office of Interim and Contract Learning also maintains a clearinghouse of current information regarding opportunities for internships and other individual learning opportunities. Students are encouraged to explore these opportunities.

Students initiate individualized learning experiences. However, individualized study opportunities are supervised by a faculty sponsor. Before approving a contract for an individualized study project, the faculty sponsor may request a written proposal detailing the objectives of the project, the procedure to be used, a timetable for work to be completed, a bibliography (if applicable), and the means by which the project will be evaluated. Individual faculty members have the option of refusing to accept the responsibility of supervising a particular contract. Prior to registration for the term, individualized study should be approved by the faculty sponsor and faculty advisor. Contracts must be signed by the add date for regular courses. Contracts are not to be considered an alternative for existing courses in the curriculum.

Individualized courses usually carry the designation of the supervising discipline. The college-wide designations "IND," "GEN," and other interdisciplinary designations are also available as alternatives for courses that are not clearly in a single discipline. Courses with non-disciplinary designations do not satisfy general education requirements. Course numbers for individualized study projects are listed below.

(1) 199, 299, 399, 499 INTERIM TERM PROJECT (1 unit). If required for the major, the senior interim project (499) must be in the student's major discipline and must receive a letter grade. First-year, sophomore, and junior interim term projects may receive "S"/"U" or a letter grade. Off-campus interim term projects receive "S"/"U" unless designated otherwise by the discipline. (See the Interim Term section of this catalog for additional information.)

(2) 293, 393, 493 INDEPENDENT STUDY COURSES, AND SPECIAL TOPICS (½ or 1 unit). The amount of credit to be given is determined by the faculty sponsor. In order to register for independent study and special topics courses, a student must obtain approval from the faculty sponsor, the faculty advisor, and the chairperson of the department in which the course is offered. Should the faculty sponsor be a department chairperson, the course should also be approved by another member of the department or by the Provost. To elect "S"/"U" credit, a student must have at least 16 units of college credit, eight of which must have been earned at the College; otherwise, the courses receive letter grades. A maximum of two units may be earned for independent study and special topics courses.

(3) 297, 397, 497 EXPERIENTIAL LEARNING (½ or 1 unit). Experiential learning is a program of learning outside the traditional classroom designed to encourage students to learn through experience in a nonacademic setting. Offcampus projects are directed by Birmingham-Southern faculty members who share supervision with a field supervisor in the cooperating institution. Pre-professional internship courses (397, 497) may carry a "GEN" designation or a disciplinary designation. They may not be used to fulfill general education requirements. Unless a discipline specifies otherwise, all off-campus projects are evaluated "S" or "U." A maximum of two units may be earned for experiential learning credit according to the designations which follow.

297 Career Orientation Practicum (½)

Career orientation practicums are designed to give students an overview of diverse professions and various career options. They are intended to develop in the students a realistic understanding of the dimensions of various careers, an identification of the skills and values necessary to work in those careers, and the background for designing a college program that will yield great flexibility in choosing a profession. The practicum may be repeated once.

397 Pre-Professional Internship I (1)

Practical experience is offered for students who have some basic skills and/or knowledge in a professional area. Prerequisites are determined by each discipline. The project may be repeated once.

497 Pre-Professional Internship II (1)

This project is for students with advanced skills and/or broad knowledge in a professional area. Students are given the opportunity to practice skills which will be necessary at postundergraduate entry into a career, or to further develop abilities which will be beneficial in a graduate program. Prerequisites are determined by each discipline. The project may be repeated once.

(4) 298, 398, 498 TEACHING EXPERIENCE (½ or 1 unit). The amount of credit is determined by the faculty sponsor. When the student receives credit for a teaching experience, he or she engages in activities that are commensurate with the designation "Teaching Fellow," which may include some combination of the following: setting up and/or teaching laboratories, assisting the instructor in creating or revising a course, collaborating with the instructor in preparation of examinations and other assignments and in the grading of these assignments, developing in-class activities, leading or facilitating class discussions, and preparing and delivering lectures. A maximum of two units may be earned for teaching experience. The following policies apply to teaching experiences:

- (a) A brief written statement shall be prepared by the instructor and the student in question, outlining expectations for both the student and instructor and the amount of credit to be earned by the student. The course number indicates the level of expertise expected of the student.
- (b) This statement shall be signed by both student and instructor no later than the confirmation of registration for the semester in question, and shall be held on file by the instructor and a copy given to the student to keep.
- (c) Students earning this credit shall be designated "Teaching Fellows."

- (d) Teaching Experiences (courses numbered 298, 398, and 498) may be evaluated with a letter grade or as "S"/"U" at the discretion of the instructor.
- (e) Students who participate in the Vail College Fellows program shall earn credit and/or a tuition stipend, as follows: "Fellows" earn academic credit for teaching experiences; "Distinguished Fellows" earn a tuition stipend.

(5) 453 ADMINISTRATIVE INTERNSHIPS (1 unit). Students in this program work closely under the guidance of an administrative officer at the College. The student is given "hands-on" administrative experience through a wide variety of administrative responsibilities. Administrative interns attend weekly seminars to discuss issues of higher education administration. During these seminars they also meet with each principal administrative officer of the College and other key campus administrative officers. The disciplinary designation for Administrative Internships is IND 453. IND 453 is an elective credit and does not count toward general education requirements. Students who elect to receive "S"/"U" must have at least 16 units of college credit, eight of which must have been earned at the College; otherwise, the course receives a letter grade.

UNDERGRADUATE RESEARCH

The Vail College Fellows Program, Birmingham-Southern's program of undergraduate research, provides a formal structure for joint faculty-student research and teaching. The program has a two-tiered design. Students in the first tier, Research Fellows and Teaching Fellows, receive academic credit for their research projects. Teaching Fellows register for 298, 398 or 498, Teaching Experience; Research Fellows, for 293, 393, 493, Independent Study. An individualized study contract needs to be completed for 293, 393, 493. Students in the second tier, Distinguished Fellows, receive a \$1,000 tuition scholarship rather than academic credit.

College Fellows Program projects are varied and take many different forms: teaching assistantships, writing center tutor appointments, research in the humanities, laboratory research in the sciences, for example. Many of these projects lead to scholarly presentations and publications.

PRE-PROFESSIONAL PROGRAMS

The basic curriculum of the College is designed to give the student a broad general education in four essential areas—the arts, the humanities, the natural sciences, and the social sciences—with a concentration in one discipline. The curriculum is also designed to permit a student to plan a program of studies leading to any one of a variety of careers. Some of these programs are essentially preparation for advanced work in professional schools, such as seminary, law, dentistry, or medicine. Others prepare the student for immediate entry into a profession, such as accounting, business, chemistry, geology, medical technology, or elementary and secondary teaching. Creditable work in a field of major concentration is, of course, the accepted program of preparation for entry into the academic departments of all graduate schools for professional training in college teaching and research.

In consultation with a faculty advisor, a student may work out any one of a large variety of such career programs suitable to his or her interests. A few suggestions of types of career programs available at the College appear below.

Business

Stephen H. Craft, Advisor

Graduate schools of accounting, economics, or business administration vary in the criteria for admission to programs of study. In general, admission is based on the candidate's undergraduate grade point average, test scores (especially the Graduate Management Admissions Test, although the Graduate Record Examination also is used), and personal references from both undergraduate professors and employers, supervisors, or business acquaintances.

Admission to graduate study in these three areas is not ordinarily dependent on the student having an undergraduate major in the field. However, the structure and duration of graduate programs are based upon the specific coursework and credits completed at the undergraduate level. For example, an undergraduate accounting major ordinarily exempts the student from some accounting course requirements in an M.B.A. or M.Acc. program. Students considering graduate school in economics should take additional math courses beyond the major requirements, including linear algebra and further courses in calculus and statistics. Likewise, students interested in graduate study in business administration should take calculus.

To facilitate transition from Birmingham-Southern to graduate schools of business, accounting, or economics, interested students should identify themselves to their advisor and the appropriate department chair as early as possible. The student will be assigned an advisor who will assist in planning an appropriate program of study to expedite progress toward the graduate degree.

An undergraduate degree in accounting from Birmingham-Southern functions to prepare students for careers as professional accountants in financial institutions, industry, government, nonprofit organizations, and public practice. Public practice, however, often entails certification, which requires additional coursework beyond the undergraduate level. Generally, 150 hours of college-level courses are required to sit for the Certified Public Accountant's examination. Birmingham-Southern addresses this additional demand by tracking the accounting student's educational program and by offering courses that meet certification requirements. Further, the academic structure of Birmingham-Southern allows the student to attain examination qualification within a minimum amount of time and additional coursework.

ChurchRelated Vocations

J. Lawrence Brasher, Advisor

A broadly diversified liberal arts education is basic to a career in the pastoral ministry, missions, Christian education, and other specialized ministries. Students planning careers in any of these areas will complete their preparation in a theological seminary or graduate school. In anticipation of advanced theological training, a major in religion and philosophy is recommended. Such a major leaves sufficient freedom for students to choose from a wide range of elective courses according to their own particular interests.

A faculty advisor assists each student in working out a four-year program of studies to fit his or her individual needs. Coursework in religion is usually begun in the first year with RE 201 Introduction to Christianity and RE 205 Hebrew Bible or RE 215 Christian Scriptures. In other years advanced courses in Biblical studies and theology, and courses in religion and society should be taken. The sequence of courses in history of philosophy is also helpful in preparation for seminary. Electives should be chosen from the following areas: history, English, psychology, sociology, political science, language, science, and the fine arts.

HealthRelated Vocations

Jeannette Runquist, Health Professions Program Advisor

Students planning careers in the health professions should inform their academic advisors and the pre-health advisor as soon as possible. The pre-health advisor will provide students information about the pre-health advising system. Although their courses of study will be under the general direction of the pre-health advisor, their particular programs will be determined through consultation with their specific academic advisor. Admission tests, such as the Medical College Admission Test (MCAT) or Dental Admission Test (DAT), should be taken during the spring of the junior year.

A review and evaluation of each student's undergraduate record is made by the Health Professions Advisory Committee during the student's junior year. This evaluation is sent to the professional schools to which the student applies for admission.

Undergraduate requirements for admission to various medical programs differ according to the program and to the professional school. Students should be familiar with the requirements before applying for admission.

Any questions concerning pre-health career programs should be referred to the Chair or the other members of the Health Professions Advisory Committee.

Law

Natalie Davis, Advisor

Admission to a law school is normally based on personal and scholastic records and on the results of a student's score on the national legal aptitude test rather than on a prescribed undergraduate course of study. The prospective law candidate should seek to acquire from undergraduate studies skill in the written and oral use of the English language, understanding of Western political, social, and economic institutions, and an ability to think concisely and independently.

DUAL DEGREE PROGRAMS

Dual Degree in Engineering

Duane H. Pontius and Douglas A. Riley, Advisors

Students who participate in this dual-degree program attend Birmingham-Southern for approximately three years and, then, continue with engineering at a cooperative institution for approximately two years. After completing the academic requirements of both institutions, the student is awarded a bachelor's degree from Birmingham-Southern and one of various designated engineering degrees awarded by the cooperating institution. Currently, cooperative arrangements exist with Auburn University, Columbia University in New York, Washington University in St. Louis, and the University of Alabama at Birmingham. While at Birmingham-Southern, students in the dual-degree program major in pre-engineering, the requirements for which are listed below:

- MA 231 Analytic Geometry and Calculus I
- MA 232 Analytic Geometry and Calculus II
- MA 310 Analytic Geometry and Calculus III
- MA 317 Linear Algebra
- MA 311 Differential Equations
- CS 170 Introduction to Computing
- CH 121 General Chemistry I
- CH 122 General Chemistry II
- PH 121 General Physics I
- PH 122 General Physics II

Pre-engineering students must also meet Birmingham-Southern's general education graduation requirements; they should work closely with the program advisors in selecting specific courses required by cooperating institutions.

Although they are exempted from the 32-unit minimum course requirement and the stipulation that the last 16 units be completed at Birmingham-Southern, pre-engineering students must complete their engineering degree at the cooperating institution in order to receive their degree from Birmingham-Southern. Students who do not complete the degree requirements elsewhere will not receive a degree from Birmingham-Southern unless they return to the College and complete the requirements for another major as well as the remaining graduation requirements.

Dual Degree in Environmental Studies

Students who participate in this dual degree program attend Birmingham-Southern for approximately three years and Duke University for two years. After completing the first year of study at Duke University, students are awarded a bachelor's degree from Birmingham-Southern. Upon successful completion of the Duke University program, students are awarded either a Master of Forestry (M.F.) or Master of Environmental Management (M.E.M.) degree. While at Birmingham-Southern, students in the dual degree program major in either biology/environmental studies or chemistry/environmental studies, the requirements of which are listed below:

Biology/Environmental Studies (12 units):

BI 115 Organismal Biology

BI 125 Cell and Molecular Biology

BI 225 Evolutionary Ecology

BI 301 Genetics

BI 411 General Ecology

BI 499 Senior Interim

four biology electives (two at the 400 level) excluding 298, 398, or 498

CH 121 and 122 General Chemistry I and II

Additional courses required for admission to Duke University:

CS 170 Introduction to Computing

EC 202 Principles of Economics

MA 207 Statistics

MA 231 Analytical Geometry and Calculus I

Chemistry/Environmental Studies (10 units):

CH 121 and 122 General Chemistry I, II

CH 211 and 212 Organic Chemistry I, II

CH 304 Quantitative Analysis

CH 404 Advanced Analytical Chemistry

CH 408 Biochemistry

CH 401 and 402 Chemistry Seminar

CH 499 Senior Interim

MA 232 Analytical Geometry and Calculus II

Additional required courses for admission to Duke University:

EC 202 Principles of Economics

MA 207 Statistics

Environmental studies students must also meet Birmingham-Southern's general education requirements and the entry requirements of Duke University. They should work closely with the program's advisor in developing class schedules. Although they are exempted from the 32-unit minimum course requirement and the stipulation that the last 16 units be completed at Birmingham-Southern, environmental study students must complete their first year requirements at Duke University in order to receive the degree from Birmingham-Southern. Students who do not complete their first year at Duke University will not receive a degree from Birmingham-Southern unless they return to the College and complete the requirements for another major as well as any remaining graduation requirements.

Dual Degree in Nursing

Jeannette Runquist, Advisor

Students who participate in this dual degree program attend Birmingham-Southern College for three years, completing Foundation requirements for the baccalaureate degree, prerequisite courses for admission to the School of Nursing at Vanderbilt University, and course requirements for either the biology/pre-nursing or the biology-psychology/pre-nursing major. Students apply for admission to the School of Nursing in the fall semester of their junior year. If accepted, the student enrolls at Vanderbilt in the fall semester of the following year. After successfully completing the fall and spring semesters of generalist nursing courses at Vanderbilt University, the student is awarded the baccalaureate degree from Birmingham-Southern College. The student then continues for an additional four semesters (summer, fall, spring, and summer) to earn a Master of Science in Nursing from Vanderbilt University.

While at Birmingham-Southern, students in the program major in either biology/prenursing or biologypsychology/prenursing, the requirements of which are listed below.

Biology/PreNursing

BI 115
 BI 125
 BI 225
 BI 301
 BI 303
 BI 304
 Human Anatomy (taken off campus)
 one BI elective
 CH 121 and 122

BiologyPsychology/PreNursing

BI 115
 BI 125
 BI 225
 BI 303
 Human Anatomy (taken off campus)
 one BI elective at the 300 level or above
 CH 121 and 122
 PY 101
 PY 204
 PY 312
 PY 324
 two PY electives
 one interim in PY

Biologypsychology/prenursing students are strongly encouraged to choose their two electives in psychology from the following: PY 230, 303, 313, or 330; and their elective in biology from the following: BI 304, 402, or 408.

All pre-nursing students are strongly encouraged to participate in the pre-health internship.

Additional Vanderbilt prerequisites are required.

COOPERATIVE PROGRAMS

PROGRAMS OF THE ASSOCIATED COLLEGES OF THE SOUTH

The Associated Colleges of the South, the consortium of nationally-ranked liberal arts institutions of which Birmingham-Southern is a member, provides special cooperative programs for students and faculty. Two programs of special interest appear below.

British Studies at Oxford

British Studies at Oxford is a summer program in which students spend six weeks of study for two or three units of credit at Oxford University in England. Students live and dine in the seventeenth-century buildings of St. John's College and attend lectures and seminars covering the arts, history, literature, and philosophy of a distinguished age of Britain's past. In addition, students are given the opportunity to travel throughout England and Europe. Students, at their option, may have one course count as an interim unit. The second course taken through British Studies at Oxford that summer will count as a unit credit in a discipline. Special scholarship assistance is available to Birmingham-Southern College students participating in this summer program.

Oak Ridge Science Semester

Upperclass majors in biology, chemistry, mathematics, physics, and the social sciences are eligible to apply for study at the Oak Ridge National Laboratory (ORNL) in Oak Ridge, Tennessee. This fall semester project provides students with the opportunity to engage in research with an ORNL scientist, earn up to four units of academic credit, receive a stipend and a small housing allowance, and live in the foothills of the Smoky Mountains. For more information, visit www.orss.denison.edu or www.ornl.gov.

BIRMINGHAM AREA CONSORTIUM FOR HIGHER EDUCATION (BACHE)

The four-year colleges and universities that serve the Birmingham area have a long record of cooperation with one another. Building on that history, the Presidents of Birmingham-Southern, Miles College, Samford University, the University of Alabama at Birmingham, and the University of Montevallo created the Birmingham Area Consortium for Higher Education (BACHE) to enhance and strengthen educational opportunities available to the students and the community.

Students, faculty, and staff at BACHE institutions may access the resources of all the member libraries by simply presenting their valid ID cards. Students enrolled full-time at a BACHE institution who are in good academic standing may also take undergraduate courses at another BACHE campus at no additional charge. The procedure for taking a course through this cooperative program follows.

Registration—This must be completed prior to the opening of a new term at the BACHE institution. Registration for courses may be completed in the Records Office. As listed on the academic calendar, the last day to add a course each term is also the last day to register for a BACHE institution course. Schedules of courses are available in the Records Office and online.

Approval—A student must have the approval of an advisor, the faculty of the major if the desired course is in the student's major field, and the Provost. If the course is a required course in another area, the faculty of that area in which the course is included should be consulted as to its suitability. (A student must be taking at least three units at Birmingham-Southern during a regular term in order to register for one course at a BACHE institution.)

Credit—Work at a BACHE institution is given credit as if it were taken at Birmingham-Southern. It will be included in the Birmingham-Southern credit for that term and will not be treated as transfer credit. Usually, only one course per term is permitted. BACHE courses may not be used to redeem Birmingham-Southern courses.

Cost—Except for associated laboratory and other special fees, there is no additional cost to a student who is taking at least three units at Birmingham-Southern at the time of enrollment at a BACHE institution.

Academic Regulations—All academic regulations at Birmingham-Southern must be observed. In addition, students in the exchange program are expected to observe the academic regulations of the cooperating institution. Students must follow Birmingham-Southern's procedures and deadlines if they wish to withdraw from a course. The withdrawal must be done through the Records Office at Birmingham-Southern according to the deadlines listed in the academic calendar.

MARINE ENVIRONMENTAL SCIENCES CONSORTIUM

The Marine Environmental Sciences Consortium (MESC) is a public, nonprofit corporation dedicated to provide marine education, research, and service to the State of Alabama. Birmingham-Southern College holds membership in this Consortium and gives academic credit for the varied marine science courses and activities available at its facility. This marine science station is located on Dauphin Island, Alabama, and is fully equipped for marine study and research along the Alabama gulf coast. Students interested in receiving academic credit and completing term projects at MESC should confer with Professor Andy Gannon for approval.

AIR FORCE ROTC

Air Force Reserve Officer Training Corps is available to Birmingham-Southern students through a cooperative program with Samford University. Air Force ROTC courses are taught on the Samford University campus. Students enrolling in Aerospace Studies courses must contact the Records Office to register.

The Air Force ROTC program provides college men and women the opportunity to compete for and 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 and the Professional Officer Course. The General Military Course includes the courses offered during the first two years of the program and is open to all students without military obligation. This program is designed for first-year and sophomore students. The Professional Officer Course includes the junior- and senior-level courses and is restricted to those who meet entry requirements or through special permission from the Professor of Aerospace Studies, Samford University. Air Force ROTC students gain confidence, leadership training, communications skills, and an appreciation for the role of the military in contemporary society.

General Military Course

The General Military Course is open to all students regardless of qualifications for military service or intent to compete for a commission. As part of the General Military Course, students examine the basic organization and structure of the Air Force, appreciate the historical significance of air power, apply basic communications skills, and receive an introduction to total quality management. Each course earns one hour of credit and is accompanied by a weekly two-hour leadership laboratory.

Field Training

Air Force ROTC field training is offered during the summer months at selected Air Force bases throughout the United States. Students who have completed all courses in the General Military Course may elect to participate in four weeks of field training. This training normally occurs between the sophomore and junior years in college. Students who have not completed all of the courses in the General Military Course may participate in a six-week field training. The additional two weeks of training will provide the student with the basic knowledge and skills offered in the General Military Course. Field training is an intense training environment designed to orient students toward service in the United States Air Force. The major areas of study in the four-week field training program include officership training, aircraft and aircrew orientation, career orientation, survival training, Air Force environment, and physical training. The major areas of study in the six-week field training program are essentially the same as those conducted in the four-week field training with the addition of areas studied during the General Military Course.

Professional Officer Course

The Professional Officer Course is usually restricted to students who have completed field training. Students enrolling in these courses are generally committed to service on active duty in the United States Air Force. Other students desiring to enroll in these courses must first secure the permission of the Professor of Aerospace Studies, Samford University. The Professional Officer Course program is designed to provide students with advanced leadership training, application techniques for a quality culture, study of military history with particular attention paid to the role of air power, and a complete understanding of the national security process. The Professional Officer Course prepares men and women with the skills necessary to be leaders in the United States Air Force.

Scholarship Programs

Four-year college scholarships are available to highly qualified high school seniors. Interested students should visit AFROTC.com to apply online. Applications are due by December 1 of the senior year in high school. Three-year and two-year scholarships are also available to college students. Air Force ROTC scholarships are applied to college tuition, books, and some university fees. Scholarship students also receive a monthly tax-free stipend, ranging from \$300 to \$500. Unlike most academic scholarships, family income has no bearing on qualifications. Uniforms and textbooks for all Aerospace Studies courses are provided at no charge.

Information is also available at www.samford.edu/afrotc/.

ARMY ROTC

The Army ROTC is located on the University of Alabama at Birmingham campus. Students at Birmingham-Southern College are eligible to participate under the Cooperative Exchange Program.

Three-year and two-year Army ROTC scholarships are awarded on a competitive basis. Special scholarship programs are available for qualified nursing and engineering students. The Simultaneous Membership Program allows students to participate in ROTC while also participating in reserve or national guard duties.

For further information on the UAB Army ROTC program, contact the program office, 501 Building, 501 12th Street South, Birmingham, AL 35294-4490. Telephone: (205) 9347215/8749. Information is also available at the UAB Army ROTC website: main.uab.edu/Sites/undergraduate-programs/armyrotc/.

ADMISSION

BSC

ADMISSION TO THE COLLEGE

Birmingham-Southern College is an equal opportunity educational institution and, as such, does not unlawfully discriminate in its admission policy on the basis of race, color, religion, sex (including pregnancy, childbirth, or related medical conditions), sexual orientation, marital status, age, national origin, physical or mental disability, veteran's status, or any other consideration made unlawful by federal, state, or local law.

Birmingham-Southern College admits students at the beginning of any academic term. Students interested in enrolling at Birmingham-Southern should contact the Office of Admission for application materials. High school students should request these materials at the beginning of their senior year. Materials are also available online at www.gotobsc.com.

ENTRANCE REQUIREMENTS

The College admits as students those applicants whose ability, training, motivation, and interests indicate that they will do successful college work. The course of study and quality of work done in high school or college are both taken into consideration when a student applies for admission. Also taken into consideration are his or her scores on the Scholastic Aptitude Test (SAT) or the American College Test (ACT), a personal statement, and the evidence from references (high school principals, guidance counselors, teachers, alumni of the College, ministers, or other reputable citizens) that the applicant will be an honorable and responsible member of the college community.

To be admitted to Birmingham-Southern College as an entering first-year student, an applicant must have graduated from an accredited high school or homeschool with an acceptable average in all academic subjects attempted and received credit for at least sixteen units, four of which should be in English. The other twelve academic units may be in any of the fields listed below:

- Foreign languages (at least two units in the same language)
- History
- Mathematics (algebra, geometry, trigonometry, calculus, precalculus)
- Natural sciences (general science, biology, chemistry, physics)
- Social sciences (civics, democracy, economics, psychology, sociology)

The applicant must also present acceptable scores on the Scholastic Aptitude Test (SAT) or the American College Test (ACT) and must submit an original personal statement and a satisfactory recommendation from the high school or homeschool official.

Applicants who did not graduate from high school may submit G.E.D. scores. They must also submit all other required credentials for beginning students. The ACT or SAT requirement is waived for students who have been out of high school for more than two years.

To be admitted to Birmingham-Southern College for early admission, an applicant must meet all regular requirements for admission. An applicant should normally have an overall "B" high school average (3.00 on a 4.00 scale) and above average ACT or SAT scores. In addition, an applicant must exhibit maturity which indicates readiness to adjust to a college environment. An interview with the Dean of Enrollment Management is required.

To be admitted to Birmingham-Southern College as a transfer student, an applicant must have been a student in good standing with a clear academic and social record at the collegiate institution in which last enrolled and, in addition, must have at least a “C” average (2.00 on a 4.00 scale) on a full schedule of courses attempted and acceptable to Birmingham-Southern.

If the applicant has attended more than one college, the overall average at these schools must meet the minimum academic year grade point average required at Birmingham-Southern. These requirements are outlined under Normal Academic Progress in the Academic Policy section of this catalog.

A student accepted for transfer from a non-accredited institution may be **admitted with provision** by meeting the admission requirements for transfer applicants.

No more than 96 quarter hours or 64 semester hours (16 units) of credit are accepted from a community college, a non-accredited institution, an extension center, or any combination of these. Transfer credit is not given for work completed in a community college, extension center, or non-accredited institution if a student has already accumulated 96 quarter hours or 64 semester hours.

To be admitted to Birmingham-Southern College as a transient student or as a special student, an applicant must have been a student in good standing with a clear academic and social record at the last institution in which enrolled, and this institution must be accredited by a regional accrediting association. Transient students and special students will be classified as “Not Candidate for Degree” and must follow application procedures below.

Students classified as “Not Candidate for Degree” who wish to become degree candidates must satisfy regular entrance requirements based on their records at the institution last attended prior to enrollment at Birmingham-Southern.

First-year and transfer applicants who do not meet the normal requirements may be considered by the Admission Committee, a faculty committee appointed by the Provost.

APPLICATION PROCEDURES

First-Year Students

An applicant who has never attended a college or university should do the following:

(1) File an application for admission with an application fee of \$40 which is nonrefundable and cannot be applied on other charges made by the College. Application materials may be obtained from the Office of Admission or via the website at www.gotobsc.com as early as July prior to the senior year in high school. The College is a member of the Common Application Group and welcomes use of the Common Application by interested applicants. Online application options are available via the admission homepage on the Birmingham-Southern College website (www.gotobsc.com).

(2) Request his or her high school principal or guidance counselor to complete and send to the Office of Admission, as soon as possible after its receipt, the “School Recommendation Form.” This form is supplied by the Office of Admission with the application materials. An additional recommendation letter from the counselor or principal is also required.

(3) Request his or her high school to send to the Office of Admission an official copy of the applicant's academic records as soon as possible. This official transcript should indicate the courses expected to be completed before graduation if the applicant has not already received a diploma.

(4) Take the Scholastic Aptitude Test (SAT) or the American College Test (ACT) and have the scores sent to the Office of Admission. Birmingham-Southern prefers these tests to be taken no later than December of the senior year.

(5) Submit a personal statement to the College. The form for this statement is provided with the application materials.

Transfer Students

An applicant who has been enrolled in a college or university should do the following:

(1) File an application for admission with an application fee of \$40 which is non-refundable and cannot be applied on other charges made by the College. Application materials may be obtained from the Office of Admission or via the website at www.bsc.edu/futurestudents.

(2) Request the Registrar or Dean of the institution in which the student is currently or formerly enrolled to send to the Office of Admission an official copy of his or her academic record. This official transcript should indicate the courses presently being taken if the student is currently enrolled. If the student has attended any other colleges or universities, an official transcript from *each* of these must be filed in the Office of Admission.

(3) Request the Dean of Students at the institution currently being attended to complete and mail the "School Recommendation Form" to the Office of Admission as soon as possible. If the applicant is not presently enrolled, this form should be completed at the last college attended. The form is supplied by the Office of Admission, or online at www.gotobsc.com.

(4) Request his or her high school to send to the Office of Admission an official transcript, including Scholastic Aptitude Test (SAT) or American College Test (ACT) scores.

(5) Submit an original personal statement to the College. The form for this statement is provided with the application materials.

International Students

Applicants from countries outside the United States must file the same credentials as other students and, in addition, are required to demonstrate proficiency in the English language. The English language requirement of the College is met when the applicant has submitted proof of a score of 500 or better on the paper TOEFL or a score of 173 or better on the computer-based TOEFL, or a 61 on the internet-based TOEFL, has completed Level 109 at an ELS Language Center, or has achieved an English sub-score of 21 on the ACT or a verbal sub-score of 500 on the SAT. International students may also demonstrate English proficiency through the successful completion of English Composition courses taken at accredited two- or four-year colleges in the United States. A complete set of educational credentials with English translations, if necessary, are required before eligibility for admission can be determined. An affidavit of financial responsibility is required before the I-20 form is issued.

Birmingham-Southern College is an Educational Associate member of the Institute of International Education.

Not-Candidate-For-Degree Students

Special students must follow the procedures applicable to transfer students if they have had any collegiate courses or to entering first-year students if they have never been enrolled in a college or university. Special student application requires a \$40 fee.

Transient students must file only the transient application for admission form, the application fee of \$40, and the special transient student form supplied by Birmingham-Southern College.

Early Admission

Applicants for early admission must submit all credentials required of first-year students. In addition, they must submit letters of permission from their parents, a high school counselor, and their principal, as well as a letter stating why they wish to be considered for early admission.

Dual Enrollment

Birmingham-Southern offers the dual enrollment plan to gifted Birmingham area high school seniors who might wish to take college courses for credit while still attending high school.

A student who is selected for the dual enrollment plan may take only one course per term. One unit equals 4 semester hours or 6 quarter hours. A dual enrollee is expected to meet all the requirements in courses that are required of regular college students. The student will receive regular college credit on the permanent record for all courses completed successfully. These credits may not be substituted for high school courses, however.

The cost of one course is \$2,075 plus books and supplies. If a student wishes to take private music lessons as a course, there will be private music fee in addition to the tuition.

Applications should be sent to the Office of Admission, Birmingham-Southern College, Birmingham, Alabama 35254. They should be submitted as early as possible and not later than two weeks before the opening of a term.

Information concerning requirements for dual enrollment may also be obtained from the Office of Admission.

Readmission

A student who withdraws or fails to register during any regular term (unless he or she has transient approval for a study abroad or similar program) and who later wishes to resume studies at Birmingham-Southern College must file an application for readmission to the College with the Office of Admission. If the student has attended any other institutions in the meantime, a "School Recommendation Form," completed at the last institution attended, and an official transcript from *each* institution also must be filed. Readmission is determined in the same manner as for a regular transfer applicant. Applicants for readmission must be approved by the Provost and the Vice President for Student Affairs. The College

reserves the right to require any readmitted student to meet graduation requirements as indicated in the catalog in effect at the time of re-entry to the College. A \$50 readmit fee is required.

A student who has been suspended from Birmingham-Southern College for academic or other reasons, in addition to following the procedure indicated above, must make a written request for readmission to the Provost. A student in this category can be readmitted only with the authorization of the Provost and is readmitted on academic probation.

A student who has withdrawn from the College for medical reasons must receive a medical clearance from the Vice President for Student Affairs before being eligible for readmission.

Medical Certificates

All applicants officially accepted for admission must file medical certificates with the Office of Admission prior to their enrollment. The Student Health form and the Medical Examination form are included with each "Confirmation of Intent to Enroll" packet. The medical examination and record of required immunizations must be completed by a physician. Proof of health insurance is also required of all students. Uninsured students have the option of purchasing a comprehensive health plan offered by the College. Additional information pertaining to this plan can be obtained from the Office of Health Services.

Guaranty Agreement

All students and their parents or legal guardians must complete a *Guaranty Agreement* which documents acceptance of financial responsibility. Registration will not be considered complete until a *Guaranty Agreement* is received.

FINANCES (2010-2011)

Tuition

The tuition charge for students is \$13,450 per term. Three or more full-unit courses, or a combination of full and half-unit courses equaling three, is considered a regular term schedule.

Students who enroll in more than five units in any regular term or, for some reason, more than one unit in any interim term are charged an additional tuition fee of \$2,075 per unit. Students who enroll in fewer than three units in any regular term are charged at a rate of \$4,483 per unit.

The interim term is an integral part of the academic year, so no additional charges for tuition are made to any student who has paid full tuition for at least one regular term of the academic year. Students who enroll in more than four interim projects or who take an additional course during the interim term while at the College are charged tuition for each additional unit of credit received.

The summer session is not considered an integral part of the academic year. Tuition for the 2010 summer session was \$1,120 per unit. Students who receive permission to complete an interim course during the summer session are charged for a unit of credit at the summer rate.

Confirmation Fee and Residence Hall Deposit

A tuition confirmation fee of \$200 and a housing deposit of \$100 are requested from each new student within thirty days of notification of acceptance to the College. Residence Hall deposits are refundable upon check-out.

Billing

Semester charges are due July 31 for the fall; December 31 for the spring. If financial aid of this amount, excluding work-study funds, has been awarded, the aid may be used to satisfy this requirement. Should a student have an unpaid balance at the end of any term, he or she will be denied permission to register for subsequent terms and to obtain a transcript from the Records Office. No diploma or certificate of credit is given to a student who is in default of any payment due to the College.

Should the account have an unpaid balance at the end of any given month, an annual percentage rate of twelve percent (12%) is assessed on the last day of each month.

Special Fees

Application (payable only with application for admission— not refundable)	\$ 40.00
Applied Music (per course, per term)	348.00 – 643.00
MS 100-level	348.00
MS 300-level	348.00
MS 400-level	643.00
Audit Fee	425.00
Change of Course	20.00
Information Technology Fee (per term)	290.00
Graduation	140.00
Listener's Fee	250.00
Parking Decal (for each academic year)	40.00
Portfolio Assessment	2,075.00
Replacement ID Card	25.00
Lost Room Key	55.00
Returned Check	30.00
Student Activity Fee (per term)	205.00
Student Insurance (estimated)	672.00

Laboratory and Studio Fees

AC 499	\$275.00
AR 100	144.00
AR 103, 111, 112, all 300-level AR courses	105.00
AR 101, 150, 250, 222, 471, 472	95.00
AS 101	95.00
BA 499	275.00
BI 102, 115, 125, 149, 206, 208, 232, 314, 315, 332, 350, 411, 425	113.00
BI 301, 303, 304, 402, 405, 442, 470, 472	119.00
BI 408	125.00
CH 101	119.00
CH 121, 122, 149, 211, 212, 304, 311, 312, 404, 406, 408, 410	125.00
EC 204	84.00
EC 304	119.00
LS 200	50.00
PH 101, 102, 121, 122, 301, 302, 303	90.00
PS 204	84.00
PS 304	119.00
PY 204, 408	84.00
PY 304	119.00
SO 204	84.00
SO 304	119.00
UES 150, 160, 472	113.00
All Foreign Language Labs	53.00

Housing

Residence Hall and Student Apartment Deposit.....	\$100.00
Residence Hall (per term, two students).....	2,600.00 – 3,175.00
(per term, private room).....	3,900.00 – 4,613.00
Fraternity (per term, two students).....	3,075.00
(per term, private room).....	4,613.00
Sorority (per term, two students).....	3,075.00
Hilltop Apts (per term, two students, one bedroom).....	3,175.00
(per term, private room).....	5,075.00

Meals

The College offers a declining-balance meal plan in which resident students are required to participate. The food service options provided under this plan include a light, medium, hearty, or commuter designation. Students place funds in a food service account, which can then be used at any campus food service location by presenting a Birmingham-Southern Campus Card.

Meal plan charges are \$1,325 per term for the light option, \$1,750 per term for the medium option, and \$2,020 per term for the hearty option. At a student's request, additional amounts may be added to the campus card. All resident students are required to purchase at least the light meal plan each term. Summer residents are also required to participate on a meal plan. Meal plans are not transferable from term to term. Under the medium and hearty options, if a student does not use the full amount on his or her card, a credit will be given for any unused funds remaining over the minimum rate of \$1,325. The light option is not refundable. A student who withdraws from the College will be charged either the actual dollars used or a prorated amount based on the number of weeks in school, whichever is greater.

In case of a lost campus card, the student is responsible to notify the Student Accounts Office immediately to stop any unauthorized use of the card. If the Student Accounts Office is notified, the student may be responsible for no more than \$50 in unauthorized charges. The fee for replacing a lost campus card is \$25. There is no fee for replacing a damaged or illegible card upon presentation of that card to the Student Accounts Office.

Cost Summary (Estimated, Academic Year 2010-2011)

Tuition.....	\$26,900.00
Residence Hall.....	5,200.00 – 6,350.00
Books and Supplies (approximate).....	1,260.00
Meals.....	2,965.00 – 4,460.00
Student Activity Fee.....	410.00
Automobile Registration.....	40.00
Student Health Insurance.....	672.00
Information Technology Fee.....	580.00

Refunds

Tuition and fees for classes dropped during the first two weeks of a term are adjusted in full. After the first two weeks and until four weeks, tuition is prorated based on the number of weeks attended and the total number of weeks in the term. After four weeks, there is no tuition adjustment. A student dropping all classes should refer to the policies for withdrawal listed in the Withdrawal from the College section of this catalog.

Refunds are made only upon the receipt of an official withdrawal form properly completed. To withdraw officially from the College, a student must notify the Provost and the Office of Financial Aid in writing of the intent to withdraw. For adjustment purposes, the date of withdrawal is considered the date the College is officially notified of the withdrawal. If a student withdraws with the permission of the Provost within four weeks after registration day, as specified in the official college calendar, tuition, rent, and meal charges are prorated through the week of withdrawal. No adjustment of these charges is made on account of withdrawal after four weeks, except in cases of illness certified by a physician and of students on reserve called for active military duty. In case of illness, tuition, rent, and meal charges are prorated through the week of withdrawal. In case of a call for active military duty, tuition and fees are cleared, and rent and meal charges are prorated through the week of withdrawal.

Credit balances created by loans or financial aid are automatically refunded to the student. All other credits are refunded upon request.

FINANCIAL AID

Philosophy of Student Financial Aid at Birmingham-Southern College

Birmingham-Southern College feels strongly that worthy, qualified students should have an opportunity for a college education regardless of their economic circumstances. Although we feel that the principal responsibility of financing a college education lies with the student's family, the College is willing to join the family in providing monetary assistance for all eligible students when the financial need is demonstrated. The student should also be prepared to assume a measure of responsibility through limited work and through borrowing a reasonable portion of any financial need. All students meeting admission requirements at Birmingham-Southern and applying for need-based financial aid through the Free Application for Federal Student Aid (FAFSA) are considered for assistance without regard to race, sex, sexual preference, creed, color, or national origin provided they meet the U.S. citizenship requirements. Foreign students who are not "eligible non-citizens" are not eligible for federal, state, or institutional need-based financial aid.

Institutional Principles of Financial Aid

Based on the statement of philosophy above, and with an understanding that aid resources at the College are limited, the following principles have been adopted by the Financial Aid Office:

(1) The primary purpose of the financial aid program is to provide assistance to students who, without such aid, would be unable to attend Birmingham-Southern College.

(2) Financial assistance consists of grants, scholarships, loans, and employment which may be offered to students singularly or in various combinations.

(3) The family of a student is expected to make a maximum effort to assist the student with college expenses. *Financial assistance from the Financial Aid Office is viewed only as a supplement to the student and the family contribution.*

(4) Students must maintain satisfactory academic progress as explained in the Academic Policy section of this catalog.

(5) The total amount of need-based financial assistance offered a student by the Financial Aid Office shall not exceed the student's demonstrated eligibility. Non need-based institutional aid (i.e., merit scholarships) with the exception of the Thomas E. Jernigan Scholarship, the William James and Elizabeth Perry Rushton, and Turnipseed-Ikenberry Scholarship shall not exceed the cost of regular tuition as published by the College.

(6) In determining the amount of other resources available to the student, the Financial Aid Office shall take into account the financial support which can be reasonably expected from income, assets, and other resources available to the parent and the student. The Federal Methodology (FM) analysis established by Congress shall be the mechanism used to determine the family's contribution.

(7) Self-help is awarded to most students applying for need-based financial aid.

(8) In determining a student's financial aid award, outside resources (including scholarships, grants, and loans) will be taken into consideration to ensure equitable distribution of funds and adherence to federal regulations.

(9) International students are eligible only for institutional merit aid and with that, only on a case-by-case basis as approved by the Financial Aid Committee of the College.

(10) All financial aid recipients are informed of the conditions under which aid is granted at the time the offer is made.

Application Information and Procedures

NOTE: Financial aid is not automatically renewable. Students must apply for financial aid each year. Financial aid packages may vary in content as well as total amounts from year to year, and the Financial Aid Office reserves the right to change packaging policies annually.

New students should explore local financial aid sources with high school, community, and church representatives. Local libraries have resources listing national organization scholarships as well. In addition, the Birmingham-Southern Financial Aid website contains links to outside financial aid sources.

New students must first apply for admission to Birmingham-Southern College. Thereafter, the procedure is the same for all students interested in applying for need-based financial aid. This procedure is outlined below:

(1) Complete the Free Application for Federal Student Aid (FAFSA) or the Renewal FAFSA by going to www.fafsa.ed.gov. The FAFSA should be completed and transmitted as soon as possible after January 1. Applicants will need a Personal Identification Number (PIN). This may be obtained at www.pin.ed.gov (this number is necessary for signing the electronic form). The Birmingham-Southern College Title IV code, 001012, should be placed in the appropriate space indicated on the FAFSA so that Birmingham-Southern College will receive your processed information in a timely fashion. Please note that you need to submit the original or renewal FAFSA early enough for the College to receive your processed information. Our preferred deadline is March 1. Parents (if applicable) and students should complete federal income tax forms (1040s) in a timely fashion. This will ensure that the data submitted is accurate for determining eligibility for federal monies. Remember to keep copies of all forms submitted for future referencing.

(2) Submit additional financial documents if requested by Birmingham-Southern College. Your financial aid application may be selected for verification by the Department of Education or by Birmingham-Southern. If this occurs, we will ask for additional financial documents to be submitted to our office. Such requested documents may include tax returns of the student and the parents (if a dependent student) or the student and the student's spouse (if an independent student), your W-2s, and/or any other documents that will be necessary to verify the accuracy of the information provided on the FAFSA. Verification can take a while to complete, so it is important that you reply to our requests for documents and/or clarification of issues as soon as possible. If your application is selected for verification, your financial aid cannot be disbursed until the verification process has been completed.

(3) Students who wish to be considered for Ministerial Student Tuition Assistance and/or the Ministerial Family Tuition Assistance should review the Financial Aid Office website for the required application form(s).

(4) Students who are members of the United Methodist Church and who wish to be considered for the United Methodist Church Scholarship (\$1,000-\$2,500, based on demonstrated need) or for the United Methodist Church and College Partnership Scholarship, should review the Financial Aid Office website for information about applying for these scholarships. Students from other denominations should review the website about Church and College Partnership Scholarships as well.

(5) The Alabama Student Grant may be available if you are a student who is a resident of Alabama (and has been for the past twelve months). This non-need-based grant is available to students who meet the following criteria: are Alabama residents attending a private college in Alabama, are not religion majors, are not preparing for a full-time religious vocation, and have not received a baccalaureate degree. Forms may be obtained via the College website: www.bsc.edu/fa.

Scholarship and Grant Eligibility

In order to qualify for, or to maintain, an institutional scholarship or need-based grant, a student must take at least three full-unit courses or the equivalent per term and must maintain a designated overall grade point average as specified in the student's scholarship notification letter sent from the Office of Admission. To qualify for a federal or state grant, loan, or work, a student must take at least 1.50 full-unit courses or the equivalent per term and must be making measurable progress toward a degree.

Federal Financial Aid (Title IV) Satisfactory Academic Progress

Title IV federal financial aid recipients must maintain certain standards of academic progress toward graduation. This "Satisfactory Academic Progress" is regulated by Title IV federal regulations, and the College is required to evaluate federal aid recipients' progress toward graduation. Please note that the standards below apply to Title IV federal and state financial aid recipients only. Students who attend Birmingham-Southern College without receiving federal or state financial aid are not held to the standards below. However, all students, federal and non-federal aid recipients, are required to abide by the standards of progress as outlined in the Academic Policy section of this catalog.

To be eligible for federal financial aid awards, students must make satisfactory academic progress (SAP) toward graduation and be in good standing. SAP is evaluated qualitatively and quantitatively at the end of each academic year. Quantitatively, a student who receives federal financial aid funding must complete his or her program of study within 150% of the normal published time frame. All of the policies below allow flexibility for students' incompletes, repeated courses, remedial courses, withdrawals, changes in major, etc. Thus, the maximum time frame is not extended for such cases. However, periods of non-enrollment will not count against the 150% of the normal published time frame.

Should the Financial Aid Office determine that a student is not making satisfactory academic progress toward his or her degree, the student will be notified in writing of this fact, and Title IV aid will be suspended (known as Title IV suspension) until the student resumes making satisfactory academic progress. Again, the maximum time frame for completing a course of study is not extended due to the student's Title

IV suspension. Should the student wish to appeal his or her Title IV suspension, he or she must do so in writing to the Director of Financial Aid. This appeal letter should include the circumstances surrounding the lack of SAP and a plan of action detailing the student's efforts to meet SAP.

For full-time students (at least 3 units per regular semester), all college work must be completed in twelve regular semesters. The schedule below is cumulative from a student's first year of work at Birmingham-Southern, regardless of when he or she first received Title IV aid at Birmingham-Southern. One unit of completed work is equal to four semester hours. Transfer credit is evaluated by the Provost, Dean of Records, Degree Audit Specialist, and Dean of Enrollment Management and Financial Aid Services prior to the student enrolling at the College. Summer terms may be used to assist students in attaining satisfactory academic progress. The term "regular semester" denotes fall and spring terms only. Quantitative requirements are as follows:

25% of a student's program or nine units of work must be completed within three consecutive regular semesters.

50% of a student's program or eighteen units of work must be completed within six consecutive regular semesters.

75% of a student's program or twenty-seven units of work must be completed within nine consecutive regular semesters.

100% of a student's program or thirty-six units of work must be completed within twelve consecutive regular semesters.

For less-than-full-time students (less than 3 units per regular semester), all college work must be completed in 24 regular semesters.

25% of a student's program or nine units of work must be completed within six consecutive regular semesters.

50% of a student's program or eighteen units of work must be completed within twelve consecutive regular semesters.

75% of a student's program or twenty-seven units of work must be completed within eighteen consecutive regular semesters.

100% of a student's program or thirty-six units of work must be completed within twenty-four consecutive regular semesters.

Qualitative (GPA) requirements for all Title IV recipients are as follows:

1.50 cumulative GPA from one to nine units of attempted work

1.75 cumulative GPA from ten to fifteen units of attempted work

2.00 cumulative GPA after sixteen units of attempted work

Enrollment Requirements

To be eligible to receive need-based financial aid other than the Federal Pell Grant, a student must be enrolled at least half time in a program leading to the receipt of a degree. A student who is enrolled less than half time may be eligible to receive a Pell Grant as long as the student is seeking a degree. A student's financial aid award may be adjusted up through the last day for tuition adjustment due to enrollment changes.

Students who register for courses but do not attend at least one class session are not eligible to receive federal, state, or institutional funds. Students who attend at least one class, cease attending all classes, and do not officially withdraw from the College, are considered to have unofficially withdrawn and are subject to proration even if the school becomes aware of the lack of attendance at the end of the term or after the term has concluded. The date of withdrawal will be the last day the student attended at least one class or the date the school learned of the student's non-attendance.

Refund Policy after Official or Unofficial Withdrawals

For those students who withdraw and are receiving federal funding, such as a Pell Grant, Student Loan, etc., the refund policy of Title IV funds (back to the federal programs) is dictated by federal regulations governing Title IV financial aid programs. This policy utilizes prescribed federal regulations based on the date of withdrawal and percentage of time enrolled. For the purposes of Title IV refund policy, the withdrawal date is the date the student came into any administrative office and stated his or her intention to withdraw. The withdrawal date for a student who otherwise provides official notification to the College of his or her intent to withdraw is the date of the student's notification. For example, if on October 13 a student informs an administrative office (i.e., Records, Controller, Financial Aid, Provost) of his or her intent to withdraw on October 16, the withdrawal date is October 13. All administrative offices will notify the Financial Aid Office regarding the student's intent to withdraw. Financial Aid will be prorated based on the date of notification—not the date the forms are returned to the appropriate office, such as the Records Office.

The U.S. Federal Government determines the amount of Title IV funds a student has earned as of the date he or she notifies any administrative office of his or her intent to withdraw. The amount of the Title IV program assistance earned is based on the amount of time the student spent in academic attendance; it has no relationship to the student's incurred institutional charges.

Up through the sixty percent point in each payment period (each term) or period of enrollment, a pro rata schedule is used to determine the amount of Title IV funds the student has earned at the time of withdrawal. After the sixty percent point in the payment period of enrollment, a student has earned one-hundred percent of the Title IV funds.

Earned financial aid is therefore determined by counting the number of days the student has attended during a specific period of enrollment and then dividing this sum by the total number of days in the term. For example, if a period of enrollment has eighty days of instruction and the student attends only thirty days, then: $30/80=38\%$. All Title IV funds would be based on the above formula and only thirty-eight percent of original eligibility would be earned.

Refund Distribution Order

- (1) Federal Unsubsidized Stafford Loan Program
- (2) Federal Subsidized Stafford Loan Program
- (3) Federal PLUS Loan Program
- (4) Federal Perkins Loan Program
- (5) Federal Pell Grant Program
- (6) Federal SEOG Program
- (7) Other Title IV Programs
- (8) Other federal, state, private, and institutional programs
- (9) Student

Unofficial Withdrawals

For students who receive Title IV funds and discontinue attendance at Birmingham-Southern College without withdrawing officially, a determination must be made regarding last date of attendance. Each student's instructor will be notified regarding the need for a documented last date of attendance, i.e., last exam, last paper, etc. This date will be used to determine eligibility for Title IV funds.

For students who receive either all failures or incomplete grades, a determination must be made regarding attendance. Each instructor will be contacted regarding a documented last date of attendance.

Where no official date is determined, students will receive only fifty percent of eligible funds. If a student never attended and never withdrew, no Title IV funds can be applied to the student's account.

Repayment Distribution Order

- (1) Federal Perkins Loan Program
- (2) Federal Pell Grant Program
- (3) Federal SEOG Program
- (4) Other Title IV Programs
- (5) Other federal, state, private, or institutional programs

Government Assistance

Veterans Educational Benefits

Birmingham-Southern College is approved by the State Approving Agency to certify students who are eligible for Veterans Educational Benefits. For further information on this program or to see if you qualify, please contact the Department of Veterans Affairs at 1-800-827-1000. The campus representative is the Financial Aid Office.

Federal Programs

Pell Grant. This grant is available to undergraduate students who have not received a baccalaureate degree. Eligibility is determined by the Expected Family Contribution (EFC) as calculated using information provided on the FAFSA.

Supplemental Educational Opportunity Grant (SEOG). This grant is available to undergraduate students who have not received a baccalaureate degree. Eligibility is based on the student's EFC and the availability of funds, and is determined by the Financial Aid Office using the information from the student's FAFSA.

Subsidized Stafford Loan. This is a low interest loan that enters repayment six months after the student ceases to be enrolled at least half time. The term "subsidized" means that the government pays the interest on the loan while the student is enrolled in school and during the six-month grace period after a student ceases to be enrolled at least half time. First-year students may be eligible to borrow up to \$3,500, sophomores up to \$4,500, and juniors and seniors up to \$5,500.

Unsubsidized Stafford Loan. This loan program provides financial assistance to all students regardless of income. It is similar to the Subsidized Stafford Loan in that the repayment terms and loan limits by class standing are the same. The difference is that the student, rather than the federal government, is responsible for paying the interest on the Unsubsidized loan while he or she is enrolled. The total amount of both the Subsidized and Unsubsidized Stafford Loans must not be more than the annual loan limits set for the student's class standing.

Perkins Loan. This loan is made to the student from the school rather than an outside lender. It is awarded based on the student's EFC and the availability of funds. This is a long term, low interest (5%) loan which enters repayment nine months after the student ceases to be enrolled at least half time.

College Work-study. This program provides part-time employment for eligible students. Students usually work seven to eleven hours per week at \$7 per hour, and receive a paycheck each month. The paycheck is made out to the student, and the student chooses how to use the money. Eligibility for this program is determined by the Financial Aid Office and is based on demonstrated need and the availability of funds.

Teach Grant. This load program is described in more detail on the College website and is available to students admitted to the College's Teacher Education Program (TEP).

Parent Loan for Undergraduate Students (PLUS). This is a long term, low interest loan available to parents of dependent students regardless of income level. The annual loan limit equals the cost of attending Birmingham-Southern, less any financial assistance the student is receiving. This loan enters repayment 60 days after the last disbursement of each academic year.

Competitive Scholarships

Except with the Thomas Jernigan Scholarships, Turnipseed-Ikenberry Scholarship, and William James and Elizabeth Perry Rushton Scholarships, the total scholarship (non need-based) awards to students cannot exceed full tuition. This policy also pertains to students receiving tuition exchange and tuition remission benefits.

Academic Scholarships

Academic scholarships are awarded based on a consideration of the academic record, standardized test scores, extracurricular activities, and admission essays of students applying for first-year admission by the January 1 scholarship deadline. Students considered for these scholarships do not have to come to the campus to compete. All first-year student applicants accepted for admission are considered.

A listing of some of these scholarships follows:

Foundation Scholarships are renewable awards of various amounts.

Greensboro Scholarships are renewable awards of various amounts.

Trustee Scholarships are renewable awards of various amounts.

Presidential Scholarships are renewable awards of various amounts.

Computer Programming Competition

The Ronne and Donald Hess Scholarship in Computer Science is a renewable \$2,000 award. This scholarship is awarded as part of the Honors Scholarship Competition. This scholarship is made possible through a major gift from Mr. and Mrs. Hess, who are strong advocates of liberal arts education.

Fine and Performing Arts Scholarships

Fine and Performing Arts Scholarships are awarded to talented high school seniors who come to campus and compete in the Fine and Performing Arts Scholarship Competition held in February. Fine Arts scholarships are determined on an individual basis through audition or portfolio presentation, and amounts are determined by faculty in the Fine and Performing Arts. In order to compete for scholarships in an area of the Fine and Performing Arts, entering first-year students must complete a "Reservation Form for Fine Arts Scholarships" which can be obtained from the Office of Admission and must be returned by February 1. Below are the requirements to compete.

Art Scholarships. Awards are determined based on a portfolio presented by the student and a personal interview with members of the art faculty. The portfolio should contain only two-dimensional art work. Three-dimensional work such as sculpture, crafts, and large oil paintings should be presented through photographs or slides. The entire portfolio may be presented through photographs or slides. The portfolio should be no larger than 30 inches on any side. Portfolios should be mailed or delivered by February 1 to Kennedy Art Center, Birmingham-Southern College, Birmingham, AL 35254.

Music Scholarships. Awards are determined by an audition and an interview. Singers are expected to sing at least three songs from memory, including at least one song in a foreign language and one song in English. Singers who do not have an accompanist should send a copy of their music to Music Office, Birmingham-Southern College, Box 549033, Birmingham, AL 35254. Pianists and organists are expected to play from memory two pieces of at least the difficulty of the Bach inventions or the sonatas of Haydn or Mozart. Performers on other instruments are expected to play at least one solo and one technical exercise. Composition students should submit a portfolio of one or two written compositions or a tape of a performance of a composition.

Theatre Arts and Musical Theatre Scholarships. Auditionees should prepare two monologues for use in auditions. The selections should be no longer than two minutes in length. Students are urged to find monologues in which the characters are close to their own age and which are not written in dialect or verse. Musical theatre auditionees should also prepare sixteen measures each from two Broadway songs, contrasting in tempo. An accompanist is provided. No cassette tapes, please. Auditions for both scholarships include improvisations with other students and interviews with the theatre faculty.

Honors Scholarships

Honors scholarships represent the highest awards that can be received by entering first-year students at Birmingham-Southern. These scholarships are awarded through the Honors Scholarship Competition. Participants in this competition will be selected from the admission application pool as of January 1, and will be notified of their selection to compete by January 30. Students invited to participate in this competition have scored between 31 and 36 on the ACT or between 1360 and 1600 on the SAT (critical reading and math), and have been in the top ten percent of their high school classes.

Honors scholarships are awarded based on academic achievement as indicated by high school transcripts, standardized test scores, extracurricular activities, and the interview and essay completed during the competition. Below is a listing of the scholarships awarded as a result of the Honors Scholarship Competition.

The Colonel William James (19001987) and Elizabeth Perry Rushton (19071972) Scholarship was established in their memory by their sons, William J. Rushton, III, and James Rushton, the Protective Life Corporation Charitable Trust, and friends. Colonel Rushton was born into a pioneer Birmingham family in 1900. He graduated from Washington & Lee University in 1921. He served as President and Chairman of the Board of Protective Life Insurance Company from 1937 until 1970. William Rushton served in the infantry during World War I, and in World War II he headed the Birmingham Ordnance District, ending the war as a full colonel and receiving the Legion of Merit. His service on corporate boards included First National Bank of Birmingham (AmSouth Bank) and Alabama Power Company. Colonel Rushton's community service included the First Presbyterian Church, Community Chest, Boy Scouts, Children's Hospital, and Birmingham Museum of Art. He served on the Alabama Selection Committee for the Rhodes Scholarship and was also State Chairman of the Newcomen Society. Colonel Rushton received honorary doctorate degrees from several colleges, including one from Birmingham-Southern in 1985. Upon his death in 1987 an editorial in *The Birmingham News* lauded him as one of Birmingham's premier citizens. Elizabeth Rushton was a native of Birmingham, was educated in Birmingham public schools, and graduated from Hollins College of Virginia. She was a member of the Junior League, and she served the First Presbyterian Church of Birmingham in many capacities. Elizabeth Rushton died in 1972 and is remembered by all who knew her as a lady of great beauty and personal charm.

A Rushton Scholar is selected each year from among the entering first-year students, and the scholarship covers full tuition for four years plus room and board and a \$2000 travel stipend if the recipient maintains at least a 3.20 grade point average. Recipients must demonstrate superior academic achievement, outstanding character, potential for leadership, and a concern for others.

The Anne and Neal Berte Honors Scholarship was established by friends and alumni of Birmingham-Southern in 1986 upon the occasion of the tenth anniversary of Dr. Berte's leadership as President of the College. The Berte Scholarship is awarded as part of the Honors Scholarship Competition and provides full tuition. Selection is based on scholastic achievement and leadership activities.

The Blount-Monaghan-Vulcan Materials Honors Scholarship provides a four-year full-tuition scholarship if the recipient maintains a 3.00 grade point average each year. The Scholarship was established in honor of W. Houston Blount and the late Bernard A. Monaghan, two of Alabama's most highly respected citizens, widely recognized for their leadership in the business world and their involvement on behalf of many worthwhile causes. Mr. Blount was Chairman of the Board and Chief Executive Officer of Vulcan Materials Company. Mr. Monaghan was a member of the Board of Directors and former Chief Executive Officer of Vulcan Materials Company and was Of Counsel with the law firm of Bradley, Arant, Rose and White.

The Thomas E. Jernigan Honor Scholarship Program was created in 1995 through the foresight and philanthropy of Mr. Jernigan, one of Birmingham's most successful business leaders, chairman and CEO of Marathon Corporation, and member of the Birmingham-Southern Board of Trustees. Recipients of the Jernigan Scholarship clearly represent our best and brightest young people but are otherwise financially unable to avail themselves of the educational advantages at Birmingham-Southern. Criteria for selection include the following: (1) a demonstrated need for financial aid; (2) superior academic achievement; (3) outstanding character and potential for leadership; (4) a strong personal work ethic as evidenced by a successful history of after-school and summer jobs; and (5) a willingness to earn at least ten percent (10%) of his or her total annual expenses (tuition, room, and board) through work-study and/or other employment. Recipients are expected to maintain a 3.00 or higher grade point average and to exhibit a high degree of integrity, a sense of individual responsibility, and a respect for conservative and traditional values. Recipients of the Jernigan Scholarship are selected from the participants in the annual Honors Scholarship Competition each February. Other requirements and expectations are on file with the Office of Financial Aid.

Phi Beta Kappa Scholarship is among the highest honors that can be awarded to entering first-year students. This is a full tuition scholarship awarded as a result of the Honors Scholarship Competition.

The Elizabeth Rose Hayes Scholarship is awarded as a result of the Honors Scholarship Competition to first-year students planning to pursue a career in a health related field. The Rose Hayes Scholarship provides a four-year, full-tuition scholarship when the recipient maintains a 3.00 grade point average each year.

Other Scholarship Opportunities

Special scholarships are also available to students who are United Methodists, members of other religious denominations, members of certain special groups, or participants in special programs. Below is a listing of some of these scholarships. Interested students should contact the Office of Admission at 18005235793, extension 4696, for details about these and other scholarship programs.

Distinguished Young Woman of Alabama (formerly Junior Miss) includes a renewable full-tuition award to Alabama's Distinguished Young Woman.

Army and Air Force ROTC Scholarships are provided by the Army or Air Force to selected students who are active participants in their ROTC programs. For more information about ROTC Scholarships, contact the Financial Aid Office.

The Church and College Partnership Scholarship Program (for churches other than United Methodist) allows a local non-Methodist church to nominate a student by pledging \$500, \$1,000 or \$1,500 per year for four years with the College providing matching funds, as long as the nominee is selected to receive the award. Students must apply for financial aid to be considered for this scholarship.

Community College Transfer Scholarships are renewable awards renewable for various amounts. Selection is made on the basis of academic record, available test scores, and recommendations. The deadline to submit completed application for admission to be considered for a Community College Scholarship is March 1.

The Miss Alabama Pageant Scholarships include renewable \$2000 award to Miss Alabama. This award can be added to existing merit awards.

Ministerial Tuition Scholarships are available to students majoring in religion or who present satisfactory evidence of an intention to be ordained into the ministry or to enter full-time Christian service. Awards are for \$2,000 in tuition assistance per academic year, which is to be awarded onehalf each term. In addition, children of full-time ministers in the United Methodist Church are granted partial tuition assistance in the amount of \$3,500 per academic year. Children of full-time ministers of other faiths may receive partial tuition assistance in the amount of \$2,000 per academic year. All of the ministerial tuition assistance programs require separate applications which may be obtained from the Financial Aid Office.

The National Merit/National Achievement/National Hispanic Scholarships are \$2000 in addition to guaranteed merit scholarships available to finalists in the National Merit or National Achievement or National Hispanic Competitions. Applicants must list Birmingham-Southern as their first college choice.

Phi Theta Kappa Scholarships are \$12,000 awards, renewable for the senior year, for community college transfers who are members of Phi Theta Kappa. Interested students should submit a letter to the Office of Admission requesting consideration for the Phi Theta Kappa Scholarship.

The United Methodist Church and College Partnership Scholarship Program allows a local United Methodist church or church organization to nominate a student by pledging \$500, \$1,000 or \$1,500 per year for four years with the College providing two-to-one matching funds per year for four years, as long as the nominee is selected to receive the award. Students must apply for financial aid to be considered for this scholarship.

Endowed Scholarships

The College also has available, through the generosity of individuals, corporations, and foundations, a large number of endowed scholarships. These funds are administered by the Financial Aid Office and awarded based on a student's demonstrated need. Students who apply for financial aid through the Free Application for Federal Student Aid (FAFSA) and the Birmingham-Southern College Institutional Financial Aid Form will be considered for endowed scholarships. No other application forms are necessary.

THE COLLEGE
REGISTER

BSC

FACULTY**Kent S. Andersen, 2000**

Instructor of English

B.A. (1995), Iowa State University; M.A. (1998), American University. Interests: composition and rhetoric, cultural studies, science fiction, critical theory, leadership studies.

Jane Archer, 1982

Professor of English

B.A. (1975), University of Wisconsin; Ph.D. (1984), State University of New York at Buffalo. Interests: twentiethcentury literature, comparative literature, critical theory, feminist theory, gender studies.

Frederick Ashe, 1992

Professor of English

B.A. (1983), Michigan State University; M.A. (1986), Ph.D. (1991), Vanderbilt University. Interests: American literature, African-American culture, protest writing.

Jeffrey Barton, 1999

Associate Professor of Mathematics

B.S. (1992), Louisiana State University; Ph.D. (1999), University of Texas at Austin. Interests: analytic number theory, approximation theory.

Edwin P. Brands, 2008

Assistant Professor of Geography

B.A. (1996), Grinnell College; M.A. (2002), Ph.D. (2004), University of Iowa. Interests: environmental policy, earth science, water, environmental entrepreneurship.

J. Lawrence Brasher, 1999

Denson Franklin Professor of Religion

A.B. (1969), Duke University; M.Div. (1973), Yale University; Ph.D. (1986), Duke University. Interests: Southern studies, popular and folk religion, spirituality and the environment, interdisciplinary studies.

Clint E. Bruess, 2001

Professor of Education

B.S. (1963), Macalester College; M.A. (1965), University of Maryland; Ed.D. (1968), Temple University. Interests: administration, sexuality education, impact of education on quality of life.

Chris Cain, 2009

Assistant Professor of Finance

B.S. (1995), J.D. (1998), M.A. (2000), Ph.D. (2004), University of Alabama.

Marietta Elizabeth Cameron, 1991

Associate Professor of Computer Science

B.S. (1988), Birmingham-Southern College; M.S. (1992), Ph.D. (1999), University of Alabama at Birmingham. Interests: computer graphics, computer vision, artificial intelligence, automata.

Ernest Byron Chew, 1980

Bernard A. Monaghan Professor of Management

B.S. (1966), CarnegieMellon University; Ph.D. (1971), University of Alabama. Interests: entrepreneurship, strategic planning, business policy and organization, real estate.

Paul A. Cleveland, 1990

Professor of Economics

B.S. (1977), M.S. (1981), Auburn University; Ph.D. (1985), Texas A&M University. Interests: corporate finance, managerial economics, industrial organization, mathematical economics, econometrics.

Clare Emily Clifford, 2007

Visiting Assistant Professor of English

B.A. (1997), Virginia Tech; M.A. (1999), Northeastern University; Ph.D. (2005) University of Alabama. Interests: American literature, twentieth-century poetry, literature of crisis, Medical Humanities, Buddhism.

Susan R. Cockrell, 2007

Associate Professor of Accounting

B.S. (1984), M.A.S. (1985), University of Alabama in Huntsville; Ph.D. (1993), University of Alabama.

Steven F. Cole, 1988

Professor of Art

B.S. (1977), M.A. (1980), Ball State University; M.F.A. (1983), Florida State University. Interests: painting.

Amy C. Cottrill, 2007

Assistant Professor of Religion

A.B. (1993), Earlham College; M.Div. (1997), Methodist Theological School in Ohio; Ph.D. (2006), Emory University.

William Tynes Cowan, 2002

Assistant Professor of English

B.A. (1985), Birmingham-Southern College; M.A.Ed (1990), University of Alabama at Birmingham; M.A. (1992), Northeastern University; Ph.D. (2001), The College of William and Mary. Interests: Southern literature, African-American studies, folklore, popular culture, protest literature.

Judith H. Cox, 1988

Professor of German

B.A. (1972), University of Kansas; M.A. (1977), Ph.D. (1986), University of Texas at Austin. Interests: German cultural history and twentiethcentury German literature (East and West), romanticism.

Stephen H. Craft, 2004

Elton B. Stephens Professor of Marketing

B.A. (1988), Birmingham-Southern College; M.B.A. (1994), Ph.D. (2001), The George Washington University. Interests: marketing and branding strategies, behavioral research methods, market segmentation, international marketing, non-profit marketing.

Guy C. Dalto, 1982

Professor of Sociology

B.A. (1971), Rutgers University; M.A. (1973), Ph.D. (1975), University of Chicago. Interests: social change, industrial sociology and stratification.

Natalie M. Davis, 1972

Howell T. Heflin Professor of Political Science

B.A. (1968), Stetson University; Ph.D. (1976), University of North Carolina at Chapel Hill; L.H.D. (1991), Stetson University. Interests: comparative politics: Western Europe Communist systems, elite behavior, survey research and design, American political parties, Southern politics, public administration.

William L. DeVan, Jr., 1980

Professor of Music, Artist in Residence

B.M. (1971), M.M. (1972), The Juilliard School of Music; Konzertexamen Diploma (1979), Hochschule für Musik und Theater, Hannover, Germany. Interests: concert piano.

Lucerne DeSa, 2008

Assistant Professor of Piano

B.M. (1983), University of California, Irvine; M.M. (1986), University of Southern California; D.M.A. (2007), Stony Brook University.

Barbara Domcekova, 1999

Associate Professor of Spanish

B.A. (1992), Comenius University, Slovakia; M.A. (1995), Ph.D. (1999), University of Florida. Interests: Cuban post-revolutionary culture, Latin American literature, foreign language across the curriculum.

Scott C. Dorman, 2001

Associate Professor of Chemistry

B.S. (1985), Florida State University; Ph.D. (1991), North Carolina State University.

Scot Duncan, 2002

Associate Professor of Biology

B.S. (1993), Eckerd College; M.S. (1997), Ph.D. (2001), University of Florida. Interests: plant ecology, tropical ecology, aquatic ecology.

Jason N. Dunick, 2010

Assistant Professor of Economics

B.A. (2001), Kent State University; M.S. (2005), Ph.D. (2010), University of Illinois at Urbana-Champaign.

Michael Flowers, 1984

Professor of Theatre Arts

B.F.A. (1979), Arkansas State University; M.F.A. (1982), University of Mississippi. Interests: acting, directing.

Charlotte E. Ford, 2008

Associate Professor and Director of the Library

B.A. (1984), Earlham College; M.L.S. (1986), Ph.D. (2003), Indiana University.

Andrew Gannon, 1995

Professor of Biology

B.A. (1980), University of South Florida; M.S. (1986), Ph.D. (1990), University of Florida. Interests: relationships between ectocommensals and their invertebrate hosts, and mechanisms of respiratory and ionoregulatory response of decapod crustaceans to ecologically relevant environmental stresses.

Vincent T. Gawronski, 2001

Associate Professor of Political Science

B.A. (1987), University of Texas at Austin; M.A. (1993), Ph.D. (1998) Arizona State University.

Megan Elizabeth Gibbons, 2001

Associate Professor of Biology

B.A. (1993), Emory University; M.S. (1999), Ph.D. (2001), University of Louisiana at Lafayette. Interests: evolution, ecology, behavior of amphibians.

Susan K. Hagen, 1976

Mary Collett Munger Professor of English

A.B. (1969), Gettysburg College; M.A. (1972), University of Maryland; Ph.D. (1976), University of Virginia. Interests: Chaucer, Middle English poetry, gender studies, interdisciplinary studies.

Pamela K. Hanson, 2001

Associate Professor of Biology

B.S. (1996), Rhodes College; Ph.D. (2001), Emory University. Interests: cellular resistance to anti-cancer drugs, phospholipid trafficking, the cell cycle.

Jason L. Heaton, 2010

Assistant Professor of Biology

B.A. (1998), B.S. (1998), University of South Alabama; M.A. (2003), Ph.D. (2006), Indiana University, Bloomington.

Steven S. Hendley, 1988

Professor of Philosophy

B.A. (1978), Rhodes College; M.A. (1980), Vanderbilt University; M.A. (1981), Ph.D. (1987), Duquesne University. Interests: phenomenology, existentialism, post modernism, political philosophy.

Ruth S. Henry, 1980

Professor of Dance

B.A. (1976), M.A. (1980), Butler University. Interests: ballet, jazz, dance history, anatomy/injury studies for dancers.

Guy Ward Hubbs, 1999

Associate Professor of Library Science

B.A. (1973), Baylor University; M.A. (1978), Queen's University at Kingston; M.L.S. (1991), Ph.D. (1999), University of Alabama. Interests: nineteenth-century America.

Louanne C. Jacobs, 2008

Associate Professor of Education

B.S. (1987), University of Alabama at Birmingham; M.Ed. (1996), Alabama A&M University; Ed.D. (2002), University of Alabama/University of Alabama at Birmingham.

Jeff Kensmore, 2010

Instructor of Music

B.M. (1998), University of Wisconsin at Eau Claire; M.M. (2004), University of Northern Colorado.

William Kittleman, 2010

Assistant Professor of Biochemistry

B.S. (1990), Oklahoma State University; M.S. (1992), Ph.D. (2006), University of Texas at Austin.

Emily Klein, 2010

Assistant Professor of English

B.A. (1999), University of California, Los Angeles.

Steven G. Laughlin, 2005

Assistant Professor of Library Science

B.B.A. (1976), M.L.S. (1977), University of Texas at Austin; M.P.A. (1991), University of Alabama at Birmingham. Interests: business information resources, personal computers, technology in teaching.

Randall David Law, 2003

Associate Professor of History

B.A. (1991), Amherst College; M.A. (1993), Yale University; Ph.D. (2001), Georgetown University. Interests: modern Russian and European history, history of Russian education, Russian film and popular culture, history of terrorism.

Jacqueline LearyWarsaw, 2000

Associate Professor of Music

B.M. (1986), University of Louisville; M.M. (1988), The Catholic University of America; D.M.A. (2000), Peabody Conservatory of Music, Johns Hopkins University. Interests: voice, vocal pedagogy, vocal diction.

V. Markham Lester, 1991

W. Michael Atchison Professor of History and Legal Education

B.A. (1973), Rhodes College; M.A. (1975), Harvard University; J.D. (1979), University of Virginia; D. Phil (1991), Oxford University. Interests: British history, Middle East history and culture.

Matthew A. Levey, 1993

Professor of History

B.A. (1978), Clark University; M.A. (1980), University of Michigan; M.A. (1984), Ph.D. (1991), University of Chicago. Interests: China, Japan, intellectual history.

Genell D. Lewis-Ferrell, 2009

Assistant Professor of Education

B.S. (1997), Ph.D. (2007), Indiana University.

Kim Lewis, 2001

Instructor of Spanish

B.A. (1986), M.A. (1988), Auburn University. Interests: Mexico, Mexican culture, U.S. migrant populations.

Dominique Linchet, 1994

Professor of French

B.A. (1984), Faculte NotreDame de la Paix, Belgium; M.A. (1986), Universite Libre de Bruxelles, Belgium; Ph.D. (1995), University of North Carolina at Chapel Hill. Interests: impact of the discovery of America in France, history of the romance languages, women in medieval literature.

Alan Litsey, 1991

Professor of Theatre Arts

B.A. (1981), University of LaVerne; M.F.A. (1984), Michigan State University; Ph.D. (1991), Wayne State University. Interests: acting, directing, theatre history, playwriting.

Mary-Kate Lizotte, 2009

Assistant Professor of Political Science

B.A. (2004), Providence College; M.A. (2006), Ph.D. (2009), Stony Brook University.

Michael L. McInturff, 1980

Professor of English

B.A. (1968), Reed College; Ph.D. (1975), Indiana University. Interests: Shakespeare, Dante, English and Italian Renaissance.

Mark R. McClish, 2010

Assistant Professor of Religion

B.A. (1998), Indian University, Bloomington; M.A. (2000), Ph.D. (2009), University of Texas at Austin.

Heather J. Meggers-Wright, 2006

Assistant Professor of Psychology

B.A. (1998), Westminster College; M.A. (2001), Ph.D. (2005), University of Missouri-Columbia. Interests: sexuality, body image, Internet behavior.

Matthew S. Mielke, 1990

Professor of Theatre Arts

B.A. (1982), Gustavus Adolphus College; M.F.A. (1986), University of Minnesota. Interests: history of theatre, puppetry, illustration and art, computer technology in the theatre.

J. L. Morrow, 2001

Associate Professor of Business Administration

B.S. (1981), M.Acc. (1990), University of Alabama; Ph.D. (1996), Texas A&M University.

Bernadette Mullins, 2000

Professor of Mathematics

B.S. (1989), Western Illinois University; Ph.D. (1995), University of Iowa. Interests: commutative ring theory.

William T. Myers, 1996

Associate Professor of Philosophy

B.A. (1986), University of Central Arkansas; M.A. (1990), Ph.D. (1996), University of Texas at Austin. Interests: American philosophy, ethics, philosophy of religion, history of philosophy.

Jim Neel, 2002

Associate Professor of Art

B.F.A. (1971), Birmingham-Southern College; M.F.A. (1973), University of Alabama. Interests: sculpture, photojournalism, Latin America.

Renée Norrell, 1988

Professor of French

B.M.E. (1972), University of Montevallo; M.A. (1975), Ph.D. (1981), University of Alabama. Interests: nineteenth- and early twentieth-century French poetry and art song, French cultural history, Quebecois culture and literature.

Bradley M. Okdie, 2010

Instructor of Psychology

B.A. (2003), University of Toledo; M.A. (2006), University of Northern Iowa.

Victoria Ott, 2004

Associate Professor of History

B.A. (1994), M.A. (1998), University of Central Florida; Ph.D. (2003), University of Tennessee. Interests: nineteenth-century America, U.S. women, Southern history.

Lewis I. Patterson, 1996

Associate Professor of Computer Science

B.S. (1968), Birmingham-Southern College; Ph.D. (1992), University of Alabama at Birmingham. Interests: computer architecture, parallel and distributed processing, programming languages.

Leo Pezzementi, 1985

Professor of Biology

B.A. (1975), LaSalle College; Ph.D. (1982), State University of New York at Stony Brook. Interests: cellular and molecular neurobiology of cholinergic systems.

G. Shane Pitts, 1998

Associate Professor of Psychology

B.S. (1992), Athens State College; M.A. (1995), Ph.D. (1997), University of Alabama. Interests: cognitive and social psychology, research methods, perception, statistics, critical thinking, and related courses.

Duane H. Pontius, Jr., 1999

T. Morris Hackney Professor of Physics

B.S. (1981), Birmingham-Southern College; Ph.D. (1988), Rice University. Interests: physics education research, Jupiter's magnetosphere, space weather, ballet, sailing.

Janice Joy Poplau, 1971

Associate Professor, Library

B.A. (1970), Gustavus Adolphus College; M.A. (1971), University of Minnesota. Interests: interlibrary loan and information delivery, cataloging, classification.

Richard Rector, 2009

Visiting Assistant Professor of Psychology

B.A. (1995), University of Virginia; M.A. (2003), Ph.D. (2007), University of Alabama at Birmingham.

David Resha, 2010

Assistant Professor of Media and Film Studies

B.A. (2000), Vassar College; M.A. (2004), University of Wisconsin-Madison.

Douglas A. Riley, 1999

Associate Professor of Mathematics

B.A. (1991), DePauw University; M.A. (1995), Ph.D. (1999), University of Kentucky. Interests: Navier-Stokes equations, computational fluid dynamics, dissipative systems, computational methods.

Sara H. Robicheaux, 2002

Associate Professor of Finance

B.S. (1997), Birmingham-Southern College; M.A. (1997), Ph.D. (2000), University of Alabama. Interests: corporate and international finance, investments, corporate governance, capital structure.

Kathleen Greer Rossmann, 1999

Associate Professor of Economics

B.A. (1987), Furman University; M.A. (1995), University of Colorado at Boulder; Ph.D. (1999), University of Colorado. Interests: applied microeconomics, environmental economics, nonmarket valuation, econometrics.

Jeannette Runquist, 1982

Professor of Biology

A.B. (1965), East Carolina University; M.A. (1978), University of North Carolina; Ph.D. (1979), North Carolina State University. Interests: renal physiology and Southeastern archaeology.

Mark E. Rupright, 2007

Assistant Professor of Physics

B.S. (1992), University of Tennessee, Knoxville; Ph.D. (1998), University of North Carolina at Chapel Hill.

Kelly A. Russell, 2007

Assistant Professor of Education

B.S. (1990), M.A.Ed. (2004), Ph.D. (2008), University of Alabama at Birmingham.

Pamela P. Sawallis, 2005

Assistant Professor of Library Science

B.A. (1980), Stetson University; M.L.S. (1982), Simmons College.

Mark S. Schantz, 2009

Professor of History

A.B. (1977), The George Washington University; M.Div. (1981), Yale University; Ph.D. (1991), Emory University.

David J. A. Schedler, 1994

Professor of Chemistry

B.S. (1987), Rhodes College; Ph.D. (1992), University of Alabama. Interests: organic and bio-organic chemistry, new synthetic methodology, enzyme inhibition and mechanism elucidation.

Lester Charles Seigel, 1993

Joseph Hugh Thomas Professor of Music

B.M. (1980), Birmingham-Southern College; M.M. (1983), D.M.A. (1991), University of Colorado, Boulder. Interests: choral music, opera and musical theatre, conducting, music philosophy and aesthetics.

H. Wayne Shew, 1978

Ada Rittenhouse Snavely Professor of Biology

B.A. (1971), University of North Carolina at Wilmington; M.A. (1974), Ph.D. (1977), University of North Carolina at Chapel Hill. Interests: molecular genetics, mycology, microbiology, field botany.

Kevin Shook, 2005

Assistant Professor of Art

B.F.A (2002), University of Akron; M.F.A. (2004), University of Delaware. Interests: print making, drawing, sculpture, digital media.

Robert J. Slagter, 1985

Professor of Political Science

B.A. (1974), M.A. (1977), Ph.D. (1990), Southern Illinois University. Interests: Politics and societies of Southeast and East Asia, development studies and comparative cultures, American politics, research methods.

David J. Smith, 1983

Professor of Music

B.M. (1969), Westminster Choir College; M.M. (1976), Peabody Conservatory of Music; D.M.A. (1986), University of Texas at Austin. Interests: voice, choir, vocal literature.

Timothy B. Smith, 2006

Assistant Professor of Art History

B.A. (1992), M.A. (1994), University of South Carolina; Ph.D. (2002), Florida State University. Interests: fifteenth-century Italian art, Etruscan and Roman art and archaeology, the cult of relics in the Renaissance, art and viewer reception.

Amelia G. Spencer, 2008

Assistant Professor of Education

B.S. (1985), Birmingham-Southern College; M.A. (1986), M.A. (1990), University of Alabama; Ph.D. (1993), University of North Carolina at Chapel Hill.

Janie Spencer, 1986

Professor of Spanish

B.A. (1974), Samford University; M.A. (1977), Ph.D. (1982), University of Alabama. Interests: twentiethcentury Spanish theatre, Spanish grammar, Argentine literature.

Barry Spieler, 1994

Professor of Mathematics

B.A. (1983), Tufts University; M.S. (1986), Ph.D. (1992), Ohio State University. Interests: topology, geometry, geometric methods in group theory, symmetry groups.

Kathleen Spies, 1999

Associate Professor of Art History

B.A. (1992), St. Olaf College; M.A. (1994), Ph.D. (1999), Indiana University. Interests: American art 1850-1950, American studies, issues of gender, race, and class.

Sandra L. Sprayberry, 1988

Robert E. Luckie, Jr., Professor of English

B.A. (1979), M.F.A. (1983), University of Alabama; Ph.D. (1988), Florida State University. Interests: twentiethcentury literature, creative writing, ethnic and gender studies.

Clyde T. Stanton, 1993

Professor of Chemistry

B.A. (1977), Clemson University; M.S. (1981), West Virginia University; Ph.D. (1988), Boston College.
Interests: gasphase chemical reaction rates, measurements of the hydroxyl radical.

Laura Katherine Stultz, 1997

Professor of Chemistry

B.A. (1986), Oberlin College; Ph.D. (1995), University of North Carolina at Chapel Hill. Interests:
bioinorganic chemistry, material science, transition metal chemistry.

Ronald A. Stunda, 1995

Associate Professor of Accounting

B.S. (1975), The Pennsylvania State University; M.B.A. (1987), University of Alabama at Birmingham; Ph.D. (1997), Florida State University; C.P.A. (1988), States of Alabama and Georgia; C.M.A. (1989). Interests:
financial/empirical accounting, managerial accounting, and taxation.

Melanie L. Styers, 2010

Assistant Professor of Biology

B.S. (1999), Birmingham-Southern College; Ph.D. (2005), Emory University.

John D. Tatter, 1985

Professor of English

B.A. (1976), Houghton College; M.A. (1979), Ph.D. (1984), Ohio University. Interests: Augustan satire,
Restoration drama, gender studies, comparative arts.

Jack A. Taylor, 1988

Joseph S. Bruno Professor of Retailing

B.S.B.A. (1973), University of Central Florida; M.B.A. (1976), Illinois State University; J.D. (1985),
Birmingham School of Law; Ph.D. (1992), University of Alabama at Birmingham. Interests: marketing
of services, health insurance and related health services, insurance, law.

J. Lynn Thompson, 2009

Visiting Assistant Professor of Music

B.M. (1983), M.M. (1997), Georgia State University.

Stacey Thornberry, 2001

Associate Professor of Library Science

B.S. (1999), Appalachian State University; M.L.S. (2001), University of Alabama.

Lynne S. Trench, 1997

Associate Professor of Psychology

B.S. (1990), University of Wisconsin-Eau Claire; M.A. (1994), Ph.D. (1998), University of Kentucky.
Interests: psychopharmacology, neuroscience, operant conditioning, psychological development in
animal models.

Richard S. Turner, 1985

James T. Stephens Professor of Computer Science

B.A. (1975), M.S. (1984), University of Alabama; Ph.D. (1992), University of Alabama at Birmingham.

Interests: parallel distributed simulation, geographic information systems.

David W. Ullrich, 1986

Professor of English

B.A. (1975), Marquette University; M.A. (1976), Ph.D. (1986), University of Wisconsin-Madison. Interests:

romanticism, framed narratives, critical theory, contemporary popular culture.

Peter A. Van Zandt, 2006

Visiting Assistant Professor of Biology

B.S. (1993), Michigan State University; M.S. (1996), Utah State University; Ph.D. (2001), University of

Louisiana at Lafayette.

Pamela Venz, 1998

Professor of Art

B.A. (1983), University of Alabama at Birmingham; M.F.A. (1985), Ohio State University. Interests:

photography, sculpture, travel, history and popular culture.

Alicia A. Weaver, 2006

Assistant Professor of Sociology

B.Phil. (1997), Miami University; M.A. (2000), Ph.D. (2007), The Ohio State University. Interests:

environmental sociology, social movements, political attitudes and behavior, comparative sociology, survey research design and methodology.

Tricia H. Witte, 2004

Assistant Professor of Psychology

B.A. (1998), M.A. (1999), Loyola College; Ph.D. (2004), University of Arkansas. Interests: stress/anxiety,

trauma/abuse, empirically supported therapy.

Anne E. Yust, 2010

Assistant Professor of Mathematics

B.S. (2005), Bridgewater College; M.S. (2007), Carnegie Mellon University.

PROFESSORS EMERITI

Conrad E. Adair, 1980-1997

Professor Emeritus of Business Administration

B.S. (1953), Auburn University; M.B.A. (1968), Samford University; Ph.D. (1984), University of Alabama.

Mildred Allen, 1986-2009

Professor Emerita of Music

B.M. (1956), University of Mississippi; M.M. (1958), New England Conservatory of Music.

Cammie Atkins, 1986-1996

Professor Emerita of Education

B.S. (1958), Mississippi University for Women; M.A. (1978), Certificate of Advanced Study (1980), University of Alabama at Birmingham; Ed.D. (1983), Rutgers University.

Neal R. Berte, 1976-2006

President Emeritus

B.A. (1962), M.A. (1963), Ed.D. (1966), University of Cincinnati; L.H.D. (1980), Birmingham-Southern College; L.H.D. (1993), University of Cincinnati; L.H.D. (2004), Samford University.

William Jarvis Boardman, 1968-1999

Professor Emeritus of Physics and Mathematics

A.B. (1961); M.S. (1963), Miami, University; Ph.D. (1968), University of Colorado.

Shirley M. Branan, 1986-1999

Professor Emerita of Mathematics

B.S. (1959), Eastern Kentucky University; M.A. (1970), Samford University; Ph.D. (1978), University of Alabama.

James H. Cook, 1977-2010

Professor Emeritus of Music

B.M. (1968), Birmingham-Southern College; M.M. (1969), Ph.D. (1978), University of Texas.

Lyman Aubrey Drewry, Jr., 1977-1999

R. Hugh Daniel Professor Emeritus of Business and Free Enterprise

B.S. (1954), M.A. (1956), Ph.D. (1960), University of Virginia.

James L. DuBard, 1988-1999

Professor Emeritus of Physics

B.E.E. (1959), Georgia Institute of Technology; M.S. (1961), Massachusetts Institute of Technology; Ph.D. (1966), Georgia Institute of Technology.

Jonathan David Fraley, Jr., 1967-2003

Professor Emeritus of History

A.B. (1963), University of North Carolina; M.A. (1965), Ph.D. (1971), Duke University.

Thomas Jordan Gibbs, 1970-2007

Professor Emeritus of Music

B.A. (1964), Birmingham-Southern College; M.M. (1967), Ph.D. (1972), University of Texas.

Earl Fowler Gossett, Jr., 1965-1999

Canterbury Professor Emeritus of Religion and Philosophy

A.B. (1954), Birmingham-Southern College; B.D. (1957), Ph.D. (1961), Vanderbilt University.

Marjorie M. Gunter, 1978-1998

Donald C. Brabston Professor Emerita of Accounting

B.S. (1970), M.B.A. (1971), Samford University; C.P.A. (1974), State of Florida.

Ronald D. Hooten, 1980-2010

Professor Emeritus of Music

B.M.E. (1966), University of Southern Mississippi; M.M. (1971), D.M.A. (1980), University of Mississippi.

Katherine G. Kirkpatrick, 1989-2006

Professor Emerita of Education

B.A. (1964), Birmingham-Southern College; M.A. (1979), Ph.D. (1989), University of Alabama at Birmingham.

Lola Frances Kiser, 1955-1996

Professor Emerita of Mathematics

B.S. (1952), Memphis State University; M.A. (1954), University of Georgia; Ph.D. (1971), University of Alabama.

Edward Shannon LaMonte, 1987-2009

Howell Heflin Emeritus Professor of Political Science

B.A. (1965), Harvard College; M.A. (1968), Ph.D. (1976), University of Chicago.

Grace Ezell Marquez, 1978-1988

Professor Emerita of Spanish

B.A. (1942), Samford University; M.A. (1946), University of North Carolina; Ph.D. (1964), Inter-American University.

Eileen E. Moore, 1975-2009

Professor Emerita of Education

B.A. (1964), University of North Alabama; M.Ed. (1970), Ed.D. (1977), Auburn University.

William E. Nicholas, 1972-2010

James A. Wood Professor Emeritus of American History

B.A. (1964), M.A. (1966), Trinity University; Ph.D. (1970), Tulane University.

Henry Irvin Penfield, Jr., 1967-2004

Professor Emeritus of Political Science

B.A. (1962), M.A. (1965), Ph.D. (1970), University of Alabama.

Walter William (Billy) Pennington, 1987-2008

Library Director Emeritus

B.A. (1965), M.S. (1968), Florida State University.

Mira Popovich, 1976-2010

Professor Emerita of Dance

State Ballet School, Belgrade, Yugoslavia, 1953. Prima ballerina Serbian National Theatre, Novi Sad, Yugoslavia.

Robert Lee Shelton, 1968-2005

Professor Emeritus of Art

B.F.A. (1961), Memphis State University; M.A. (1963), University of Alabama.

Samuel N. Stayer, 1972-2004

Dr. James A. Wood Professor Emeritus of American History

B.A. (1964), Ursinus College; M.A. (1967), Ph.D. (1970), Duke University.

Tara Sudderth, 1998-2010

Donald C. Brabston Professor Emerita of Accounting

B.A. (1985), Birmingham-Southern College; M.A. (1988), University of Alabama at Birmingham; Ph.D. (1997), University of Mississippi.

Robert Jacob Tucker, III, 1965-2002

Professor Emeritus of Art

B.F.A. (1964), M.A. (1965), University of Alabama.

Ewell Douglas Waits, 1967-2002

Professor Emeritus of Biology

B.S. (1962), Alabama College; M.A. (1964), Vanderbilt University; Ph.D. (1967), North Carolina State University.

Oliver Cornelius Weaver, 1946-1982

L.C. Branscomb Professor Emeritus of Philosophy

B.A. (1935), Birmingham-Southern College; B.D. (1939), Garrett Theological Seminary; M.A. (1941), Ph.D. (1952), Northwestern University.

Roy Draydon Wells, Jr., 1967-2007

Professor Emeritus of Religion

B.A. (1957), Birmingham-Southern College; B.D. (1960), Ph.D. (1968), Vanderbilt University.

Bobby Don Whetstone, 1963-2001

Professor Emeritus of Education

B.A. (1955), M.Ed. (1959), Birmingham-Southern College; Ph.D. (1963), University of Alabama.

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Raymond R. Paty, 1938-1942
George R. Stuart, 1942-1955
Guy E. Snavelly, 1955-1957
Henry K. Stanford, 1957-1962
Howard M. Phillips, 1963-1968
Robert F. Henry, 1968-1969
Charles D. Hounshell, 1969-1972
Ralph M. Tanner, 1972-1975
Neal R. Berte, 1976-2004
G. David Pollick, 2004-2010
Mark S. Schantz, 2010-present

PRINCIPAL ADMINISTRATIVE OFFICERS

Mark S. Schantz, 2009

Interim President

A.B. (1977), The George Washington University; M.Div. (1981), Yale University;
Ph.D. (1991), Emory University.

Kathleen Greer Rossmann, 1999

Interim Provost

B.A. (1987), Furman University; M.A. (1995), University of Colorado at Boulder;
Ph.D. (1999), University of Colorado.

Lane Estes, 1998

Vice President for Administration

B.S. (1989), M.S. (1992), University of Tennessee.

Anthony Hambey, 1987

Vice President for Information Technology

B.S. (1986), Jacksonville State University.

Dudley Long, 1977

Vice President for Student Affairs

B.S. (1972), University of Alabama; M.A. (1977), University of Alabama at Birmingham.

Sheri Scholl Salmon, 1985

Dean of Enrollment Management

B.A. (1985), Birmingham-Southern College.

Adelia Patrick Thompson, 2005

Vice President for Institutional Advancement
B.A. (1986), Birmingham-Southern College.

Bill Wagnon, 1999

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B.A. (1984), Auburn University; M.S. (1998), Mississippi State University.

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Alumni Association President

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