



Academic Programs

Curricula

The curricula established for all bachelor's degrees include, generally, a set of courses that fulfill the general education requirements, a set of courses that comprise a departmental major, a set of courses that comprise a cognate or minor, and several elective courses.

General Education Requirements. A set of general education requirements is included in each baccalaureate program. The purpose of such requirements is to provide a broadly based educational foundation upon which an area of specialization may be developed. For this reason, students are encouraged to select various courses outside their major area of study.

To help ensure common educational competencies and skills in all students, the faculty has adopted a set of general education requirements that apply across all curricula of the University. However, the options provided in the general education requirements have been limited and structured to meet the needs of each major. Students are, therefore, advised to follow the specific requirements listed in the catalog under the individual majors.

General Education Requirements

The general education requirements listed below are incorporated into all majors at USC Upstate. They represent a minimum level of introduction to various subdivisions in the liberal arts, providing a common educational experience for all USC Upstate graduates. A course may be used to satisfy only one general education requirement.

I. Communication

Purposes: To be able to read, write, speak and comprehend standard English effectively.

English 101 and 1026
Speech 2013

All students must be proficient in writing to be graduated from USC Upstate. English 102 or 146 (with a minimum grade of C in 146) at USC Upstate satisfies this requirement. Transfer students may demonstrate proficiency in writing by any of the following:

- Successful completion of English 102 at USC Upstate
- Successful completion of English 146 at USC Upstate with a minimum grade of C
- Successful completion of a writing competency test (the test may be repeated once)

II. Mathematics

Purposes: To have knowledge of the fundamentals of algebra especially as used in solving principal, interest, motion, area, volume, rate and comparable concepts; to be able to construct, read and interpret graphs, to be able to understand elementary statistics.

Mathematics 120 or a higher level mathematics course (some USC Upstate majors

require higher level mathematics courses) or successful completion of a mathematics competency examination3
One additional course to be selected from a higher level mathematics course, logic or statistics3

III. Arts and Humanities

Purposes: To exhibit an appreciation of the cultural roots of modern society; to develop analytical reading and writing skills; to explore the fine arts: music, art, drama.

Fine arts.....3
History 111, 1123
One course selected from the following (but not more than 3 hours in a single discipline in the fine arts)3
American literature; American studies; art; English literature, linguistics, film or writing; history; literature in a foreign language; music; philosophy; religion; speech; theatre; world literature; women's studies

IV. Social and Behavioral Sciences

Purposes: To understand the dynamics of interactions at the personal, group and societal level; to have introductory understanding of the dynamics of local, state, national and international relationships; to exhibit the ability to organize data and information and to analyze and interpret data and information.

Government 201 or American Studies 101 or 1023
Courses from two of the following, with two disciplines represented:6
Anthropology; Economics 221, 222; government and international studies; Geography 101, 103; psychology (except 225); sociology (except 201); Women's studies 101

V. Natural Science

Purposes: To explore the methods, strengths and limitations of science; to exhibit a knowledge of important scientific models which form a basis of our modern culture; to experience the gathering, organization and interpretation of data; to explore the interrelatedness of science and society.

Two courses, including at least one laboratory course, to be selected from one or more of the following: 7-8
Astronomy; biology; chemistry; Geography 201, 202; geology; physics

VI. Foreign Culture.....3

Purposes: To develop an understanding of contemporary foreign culture; to have an awareness of cultural diversity; to increase understanding of international issues.

A course of an international nature chosen from the following:
Anthropology 102; art; Economics 503;

English 275, 290, 319, 322 423; Geography 121, 212, 340; Government and International Studies 310, 326, 327, 420, 491; History 112, 335, 336, 337, 340, 341, 343, 360, 361, 370, 371, 372, 391; or any foreign language course except 103; or Religion 103.

VII. Computer Studies3

Purposes: To exhibit a knowledge of the uses and limitations of computers, both generally and in the student's major discipline; to be able to use existing software packages and word processing on a micro computer.

This requirement may be fulfilled in one of the following three ways: Computer Science 138 ; a computer science course numbered 141 or above. Students with previous computer experience may satisfy the computer studies requirement by successful completion of a competency test.

VIII. Senior Seminar 1-12

Purposes: To integrate knowledge at an advanced level; to explore ethical issues; to gain experience in research and oral presentation.

A course or combination of courses (1 or more semester hours) selected in consultation with the student's major advisor.

Total general education requirements 47-60

Foreign Language Placement Policy

I. Placement into the following courses based on scores on the Foreign Language Placement Exam administered at USC Upstate on orientation dates:

French	German	Spanish*
101	101	101
102	102	121
201	201	201
202	202	202

*Students who have had two years of high school Spanish will be automatically placed in Spanish 121.

II. Placement into 201 level course with the appropriate score on the College Board SAT II Subject Test in French, German or Spanish. The following tables summarizes placement:

French	German	Spanish	Placement
480 or below	450 or below	450 or below	101
490-530	460-500	460-510	102
540-580	510-560	520-560	201
590-630	570-620	570-620	202
640 or above	630 or above	630 or above	300-level course or above

III. Score of 3 or higher on the Advanced Placement Test.

The following table summarizes credit awarded under the Advanced Placement (AP) Program. If a student has taken AP exams but has not yet received his/her results, he/she should register for courses based on assuming AP credit.

Language	Grade	Credit Awarded for USC Upstate Course(s)	Credit Hours
French Lang	3,4,5	FR 101, 102	6
French Lit	3	FR 101, 102	6
French Lit	4	FR 101, 102, 201	9
French Lit	5	FR 101, 102, 201, 202	12
German Lang	3,4,5	GER 101, 102	6
Spanish Lang	3,4,5	SPAN 101, 102	6
Spanish Lit	3	SPAN 101, 102	6
Spanish Lit	4	SPAN 101, 102 201	9
Spanish Lit	5	SPAN 101, 102, 201, 202	12

IV. Students who are multilingual, who have learned English as a foreign language, or who through family and/or cultural background have strong skills in a foreign language should see the chair of languages, literature, and composition or the coordinator of foreign languages to determine if they will be exempt without credit from the foreign language requirement of their majors. An exemption form will be placed in each student's file and copy sent to records. Such students will, at the discretion of the chair or coordinator of foreign languages, be allowed to take upper division courses in their native language and receive credit.

V. While colleges and universities are not obligated to waive foreign language requirements for students with learning disabilities (according to Section 504 of the Rehabilitation Act of 1973), USC Upstate has made the following provision: students who are certified by the USC Upstate Office of Disability Services has having learning disabilities that may interfere with learning a foreign language, may fulfill their general education requirement in foreign languages by taking a course in English on the history, culture, civilization or literature of a non-English speaking country or countries.

Major Requirements

Each baccalaureate program includes courses to enable students to specialize in a particular area of interest. A minimum grade of C is required for any course submitted for fulfillment of a major requirement. Exceptions to this requirement are noted in the description of each academic program.

Cognates and Minors

Students seeking degrees in the College of Arts and Sciences are required to complete either a cognate or a minor. Neither a cognate nor a minor is required for professional degrees, (i.e., nursing, education, and business). Both cognates and minors are concentrated study in an area that complements work in the major. Many degree programs will allow the student to choose to pursue a cognate or a minor. Courses may not be counted toward both a cognate and a minor; however, students may apply

up to 6 hours of minor credit toward general education requirements. See each degree program for cognate or minor regulations specific to a degree program.

Cognate

Cognate course requirements are selected by a student and the major academic advisor to meet the unique needs and interests of the individual student. The cognate consists of 12 semester hours of a coherent selection of courses, typically 300-level or higher, approved in advance by the student's major advisor and supporting the course work in the major. A cognate may be from one or more disciplines outside the major field.

To assist students in the selection of coherent multidisciplinary cognates, the College of Arts and Sciences has suggested some options. Other multidisciplinary cognates may be planned with the advisor.

Courses usually eligible for consideration as cognate credit include all courses numbered 300 and above, as well as the following:

- Art History and Art Studies 200 and above
- Computer Science 210; 241; 242 and above
- Foreign language 202 and above
- Geography 200 and above
- Mathematics 243 and above
- Philosophy 200 and above
- Physics 201 and above

Possible Multidisciplinary Cognates

Appropriate internship, topics, or independent studies courses may be used in any multidisciplinary cognate.

African/African-American Studies: Courses primarily about Africa, African-Americans, or race relations in art, history, literature, or sociology, including Sociology 431, Social Inequality: Class, Race and Gender in the United States.

Business: Business Administration 347, Legal Environment of Business; Business Administration 350, Principles of Marketing; Business Administration 351, Consumer Behavior; Business Administration 352, Marketing Communications; Business Administration 369, Personal Finance; Business Administration 371, Organizational Management and Behavior; Business Administration 374, Management of Human Resources; Business Administration 377, Advanced Organizational Behavior; Business Administration 452, International Marketing; Business Administration 471, New Business Enterprise; Psychology 311, Industrial and Organizational Psychology; and Sociology 471, Organizations and Occupations.

Fine Arts: 200-level or higher art studio (SART), or art history (SATH); 300 level or higher theater or music.

German Studies: German 202, Intermediate

German, and higher; History 340, Germany Since 1870.

Leadership Studies: Students are limited to two courses from any one discipline. Business Administration 371, Organizational Management and Behavior; Business Administration 374, Management of Human Resources; Business Administration 377, Advanced Organizational Behavior; Government and International Studies 370, Introduction to Public Administration; Philosophy 310, Ethics for the Professions; Psychology 307, Social Psychology; Psychology 311, Industrial and Organizational Psychology; Sociology 445, Community Organization; Sociology 471 Organizations and Occupations; Speech 310, Principles of Interpersonal and Group Communication; University 310, leadership Internship.

Quantitative Research: Statistics courses in mathematics; Psychology 402, Experimental Topics in Psychology; Sociology 401, Sociological Research Methods.

Physical Sciences: physics, 200-level; chemistry and geology, 300-level or higher.

Political Philosophy: government and international studies course in political theory or thought, 300 level or higher including Government and International Studies 350, Women and Politics; ethics or history of philosophy, 200-level or higher.

Women's Studies: 300-level or higher courses listed within women's studies (SWST) and courses primarily focused on women in areas such as art, English, history, literature, government and international studies, psychology, sociology, or criminal justice.

Minor

Minor course requirements are predetermined by academic disciplines or by multidisciplinary committees. The minor should develop a coherent basic preparation in a second field of study or introduce students to the interdisciplinary examination of an important area of learning. It is a minimum of 18 semester hours of prescribed courses with at least 12 semester hours at the 300 level or higher. No more than six semester hours may be earned in general education courses. A grade of C or better must be earned in each course used to satisfy the requirements of a minor. While many degree programs include the option of a minor as part of the degree program, not all degree programs include the option of a minor. Even in these latter programs, however, any student pursuing a Bachelor of Arts or Bachelor of Science degree may also pursue a university-approved minor. Note that particular degree programs may have restrictions on choice of minors. Completing the degree with a minor may require more than the minimum 120 credit hours to graduate.

USC Upstate offers the following minors:

African-American Studies
American Studies
Art History
Biology
Chemistry
Communication
Computer Science
Conflict Resolution
Criminal Justice
Economics
English
Film Studies
French
Geography
German Studies
History
International Studies
Jazz Studies
Mathematics
Nonprofit Administration
Philosophy
Political Science
Psychology
Sociology
Spanish
Theatre
Women's Studies

Electives

Most degree programs allow students the opportunity to take a limited number of courses that do not fulfill any specific academic requirements. Normally, any course can be counted as an elective, but some restrictions may be imposed by particular degree programs. Elective credits for participation in group performance music activity courses (SMUS 126, 127, 128, 129, 131, and 327) may be counted up to a maximum of eight credits. Elective credits for special university courses (SUNV) may be counted up to a maximum of six credits.

Special Programs

Three-Year Degree Program

USC Upstate offers students the opportunity to complete programs of study to earn a bachelor's degree in just three years. This accelerated program is available in early childhood education, elementary education, criminal justice, psychology and sociology.

Participants in the Three-Year Degree program are expected to indicate their interest at the time they apply as freshmen. Students may graduate in three years by meeting all academic requirements and by following the suggested course sequence requiring students to earn 16 to 18 hours per semester and 9 to 12 hours each summer.

See the section on the School of Education for further information on early childhood education and elementary education. More information on majors in criminal justice, psychology and sociology are available under the College of Arts and Sciences.

It may be possible to complete other majors in three years. Contact the appropriate college or school.

Pre-engineering

The USC Upstate pre-engineering program is designed to meet the entrance requirements for the USC Columbia and Clemson University schools of engineering. The pre-engineering program is a two-year course of study that includes basic engineering courses, science and mathematics courses, and humanities and social science courses. After completion of the two-year pre-engineering curriculum, students must transfer to another institution to complete the last two years of the baccalaureate. Entry to these degree-completion programs is on a competitive basis. For more information on the pre-engineering program, contact the chair of the Division of Natural Sciences and Engineering.

Health-related Fields

In addition to nursing, USC Upstate offers other opportunities to students interested in health-related careers. Different advisement tracks are available for pre-chiropractic, pre-medical, pre-dental, pre-veterinary and pre-optometry students. Typically, a student completes a four-year baccalaureate in the sciences at USC Upstate before entering a postgraduate professional program. A student must seek admission to a school that offers the desired professional degree. Entry into these professional programs is on a competitive basis.

USC Upstate also offers advisement programs to students interested in allied health professions (e.g., pre-physical therapy, pre-occupational therapy, pre-speech pathology). After completion of two or more years of course work at USC Upstate, students must apply for admission to a school that offers the specific professional baccalaureate completion program. The number of credit hours to be earned at USC Upstate is dependent upon the specific pre-professional program. The Medical University of South Carolina (MUSC) offers the greatest diversity of allied health baccalaureate and graduate programs in the state. Entry into MUSC programs or other professional degree completion programs is on a competitive basis. More information on health-related programs may be obtained from the Division of Natural Sciences and Engineering.

Pre-law¹

USC Upstate provides advisement and information about various law school programs through the chair of History, Political Science, Philosophy and American Studies. Because most law schools do not prescribe a specific curriculum, USC Upstate does not offer a pre-law major. While students interested in law often major in political science, a variety of other disciplines such as history, English, economics, business and math provide excellent backgrounds. Law schools want students who have mastered written and spoken English and who have the ability to analyze and think critically. They prefer a variety of learning experiences since the practice of law encompasses knowledge in many fields. In addition to certain requirements in the general education program, such as speech, math, computer science, lab science, American government, the following courses represent the broad base of knowledge preferred by most law schools:

¹Students desiring a postgraduate professional degree should note requirements for the Three-Plus-One Program (Page 66).

- **Freshman and Sophomore Years**
Psychology 101
Foreign language
Sociology 101
Economics 221
History 112
Accounting (SBAD 225)
- **Junior and Senior Years**
Logic 205 and 207
International Law (SGIS 460)
Literature Course
Legal Environment of Business (SBAD 347)
Judicial Process (SGIS 452)
Constitutional Law (SGIS 450)
Civil Rights and Civil Liberties (SGIS 451)

Students should understand that taking specific courses is not nearly as important in gaining entrance to law school as maintaining a solid grade point average (GPA) and attaining a respectable score on the Law School Aptitude Test (LSAT). Students in any major or program interested in attending law school should contact the chair of History, Political Science, Philosophy and American Studies for assignment of a pre-law advisor.

Pre-pharmacy

USC Upstate provides advisement services to pre-pharmacy students through faculty members in chemistry. Each fall, representatives of the South Carolina College of Pharmacy are invited to campus to meet with interested USC Upstate pre-pharmacy students. USC Upstate provides the course work required for admission into the South Carolina College of Pharmacy but does not award a degree in pharmacy. The South Carolina College of Pharmacy considers applications from students who complete a minimum of 67 semester hours of pre-pharmacy course work at USC Upstate. Pre-pharmacy students are encouraged to consider completion of a Bachelor of Science in Chemistry or Biology to improve their chances of admission into a pharmacy school. The following recommended sequence of courses has been developed through consultation between the South Carolina College of Pharmacy and USC Upstate.

Recommended Courses for the South Carolina College of Pharmacy

- **First Pre-pharmacy Year**
Biology 101: Biological Science I
Biology 102: Biological Science II
Chemistry 111: General Chemistry
Chemistry 112: General Chemistry and Qualitative Analysis
English 101, 102: Composition and Literature
Mathematics 143: Calculus I
Psychology 101: Introduction to Psychology
Electives (6 semester hours)
- **Second Pre-pharmacy Year**
Biology 232: Human Anatomy
Biology 242: Human Physiology
Chemistry 331: Organic Chemistry
Chemistry 331L: Organic Chemistry Laboratory
Chemistry 332: Organic Chemistry

Chemistry 332L: Organic Chemistry Laboratory
Mathematics 102: Elementary Statistics
Physics 201: General Physics I
Physics 202: General Physics II
Economics 221: Principles of Macroeconomics or Economics 222: Principles of Microeconomics
Speech 201
Electives (3 semester hours)

As soon as possible, students interested in pursuing a career in pharmacy should contact the chair of the Division of Natural Sciences and Engineering for assignment to a pre-pharmacy advisor.

Three-Plus-One Program

USC Upstate awards the Bachelor of Arts or the Bachelor of Science in Interdisciplinary Studies to a student who has satisfactorily completed at least 90 semester hours of undergraduate work and one year (30 semester hours) of work in an approved accredited professional school, provided the applicant has:

- made application to the interdisciplinary studies program at USC Upstate;
- satisfied all general education and B.A. or B.S. option requirements for the interdisciplinary studies degree, with all minimum grade requirements met;
- completed a minimum of 15 semester hours of junior- and senior-level courses at USC Upstate;
- completed at least 30 semester hours of undergraduate work at USC Upstate;
- submitted a notice of intent, approved by the dean of the College of Arts and Sciences, prior to leaving USC Upstate to enter the professional, postgraduate school; and
- submitted official documents from the approved professional school demonstrating satisfactory completion of the first year of full-time study leading to a post-baccalaureate degree.

A degree other than interdisciplinary studies may be awarded if the combination of course work taken at USC Upstate and the professional school is equivalent to the work required for another bachelor's degree program at USC Upstate. In such a case, the school in which the degree is offered may recommend awarding that bachelor's degree.

Army Reserve Officer Training Corps (ROTC)

Participation in ROTC is voluntary. Semester hours earned with the department can be applied toward an academic degree program. Uniforms, textbooks and equipment required for the ROTC program are provided at no expense to the student. For ROTC scholarship students, the Army pays tuition and other expenses (see description under "Scholarships"). The ROTC program is normally four years of instruction; however, a two-year program is also offered. The four-year program of instruction is divided into the Basic Program and the Advanced Course.

The Basic Program. Acceptance may be considered when one of the following programs have been completed: six semester hours in the Basic Program, two years of active military duty with an honorable discharge, or three years of JROTC. Students must show leadership potential and meet the necessary physical and academic standards. Students participating in the Basic Program have no military service obligation.

The Advanced Program. Satisfactory completion of six semester hours in the Basic Program, substitute military experience (two years of active duty with an honorable discharge), or three years of JROTC qualifies students for entrance into the Advanced Program, if they have also shown leadership potential and have met the necessary physical and academic standards. The student must be an academic junior or senior with acceptance to graduate school to qualify for the advanced program.

Normally taken during the student's junior and senior years, the Advanced Program offers a maximum of 12 semester hours. It provides instruction in techniques of effective leadership, tactics, military law, logistics, administration, responsibility of the officer, and the exercise of command. It is designed to further the development of the student's leadership qualities. Advanced Program students receive a tax-free subsistence allowance of \$150 per month for 10 academic months per year, and are paid approximately \$800 for the five-week Summer Camp they are required to attend after completion of their junior year. The total subsistence and pay amounts to more than \$3,000 while enrolled in the Advanced Program. Cadets graduating from the ROTC program receive a second lieutenant's commission upon completing their undergraduate degree requirements.

The Advanced Program cadet may elect to enter active duty for three years or participate in the Reserve Force Duty Program (R.F.D.) as means for fulfilling the incurred obligation for military service. Under the R.F.D. program, students are commissioned in either the National Guard or the U.S. Army Reserves for a total of eight years, during which time they attend monthly paid drill periods. This enables individuals to pursue civilian careers and serve their nation at the same time. The R.F.D. program can be guaranteed if the student desires. Moreover, students' preferences concerning the occupational specialty in which they wish to serve are taken into consideration prior to assignment. The options offered are numerous and attractive.

ROTC Activities. In addition to normal classroom instruction, the Military Science Department sponsors numerous extracurricular activities. These activities are designed to complement and reinforce classroom skills and techniques. Participation is voluntary and no academic credit is awarded. The activities presently offered are the rifle team, and the Rangers. A chapter of the National Military Honor Society of Scabbard and Blade is available for student participation. Adventure activities such as rappelling, orienteering, mountaineering and white water rafting are open for participation.

Graduate Programs in Education

USC Upstate offers the Master of Education in Early Childhood Education, the Master of Education in Elementary Education and the Master of Education in Special Education: Visual Impairment. Classes required for these two programs of study are available in spring, summer and fall semesters. Individuals applying to these degree programs must submit: (1) a completed degree-enrollment application form, (2) a residency verification form, (3) a copy of a teaching certificate, (4) a \$25 application fee, (5) a minimum Miller Analogy Test (MAT) score of 35 or Graduate Record Examination (GRE) score of 400 on the verbal section and 400 on the mathematics section, (6) official copies of the transcripts from all previous undergraduate and graduate studies, and (7) two letters of recommendation. Application materials are available from the USC Upstate Admissions Office or the USC Upstate Graduate Programs Office. Additional information about these programs is included in the back of the this catalog.

USC Upstate also offers a variety of professional development graduate courses designed to help teachers update knowledge and skills essential for successful classrooms. These include for-pay summer institutes as well as grant-funded and contract courses. Information about professional development graduate courses can be obtained from the USC Upstate Graduate Programs Office. Six hours of approved professional development courses may be applied toward a graduate degree.

The Extended Graduate Campus

The Extended Graduate Campus encompasses University of South Carolina Columbia graduate programming offered anywhere away from the Columbia campus, regardless of delivery mechanism. New delivery mechanisms including two-way interactive, video and internet-based instruction are being phased into the programs to add depth to current offerings. The University offers degree programs at many locations around the state, including Spartanburg.

MAJORS AND PROGRAMS

Bachelor's Degrees

Biology
Business Administration and Economics
(concentrations in accounting, economics/finance, business administration, management and marketing)
Chemistry
Communication *(concentrations in electronic media, journalism, speech and theater)*
Computer Information Systems
Computer Science
Criminal Justice
Early Childhood Education
Elementary Education
Engineering Technology Management
English
Graphic Design
History
Information Management and Systems
Interdisciplinary Studies
Mathematics
Middle Grades Education
Nonprofit Administration
Nursing
Physical Education
Political Science
Psychology
Secondary Education *(concentrations in biology, chemistry, English, mathematics, social studies/history, social studies/political science and Spanish)*
Sociology
Special Education: Learning Disabilities
Spanish

Master's Degrees

Early Childhood Education
Elementary Education
Special Education: Visual Impairment

Certification

Early Childhood Education
Elementary Education
Middle Grades Education
Physical Education
Secondary Education
Special Education: Learning Disabilities

Pre-professional Programs

Pre-Chiropractic
Pre-Dental
Pre-Engineering
Pre-Law
Pre-Medical
Pre-Optometry
Pre-Occupational Therapy
Pre-Pharmacy
Pre-Physical Therapy
Pre-Physician Assisting
Pre-Speech Pathology