COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

The College of Health, Education and Human Development provides students the means by which to pursue careers in the fields of nursing, education, health, and recreation management. The “Engaged College with a Personal Touch” is home to the academic programs offered by the School of Nursing; the Eugene T. Moore School of Education; the Department of Public Health Sciences; and the Department of Parks, Recreation and Tourism Management. The College also offers outreach services available through the Joseph F. Sullivan Center; the National Dropout Prevention Center; and the Outdoor Laboratory. Collaboration within the college between academics and community outreach services prepares students to be professional leaders in health, education, and recreation management. As with all programs at the University, students take course offerings from all colleges on campus to achieve the most complete education possible.

ATHLETIC LEADERSHIP CERTIFICATE

Students acquiring the nationally recognized American Sport Education Program (ASEP) Certification through the Athletic Leadership Program at Clemson are eligible to complete the requirements for Athletic Leadership Certification in any of the following areas related to their ASEP Certification: (1) Sport Coaching and Character Development; (2) Sport First Aid and Conditioning; and (3) Sport Psychology and Motivation. For more information, contact the Coordinator of Athletic Leadership at (864) 656-0434.

EUGENE T. MOORE SCHOOL OF EDUCATION

The mission of the Eugene T. Moore School of Education is to prepare caring and capable professionals through intellectually engaging experiences in theory, method, and research that connect them to the communities in which they live and serve. The Eugene T. Moore School of Education trains teachers, counselors, university administrators, and leaders for the P-12 schools and training and development specialists for business and industry.

TEACHER EDUCATION PROGRAMS

The Eugene T. Moore School of Education Conceptual Framework guides the School’s work as a unit. It is consensus-based and provides the foundation for all that is done. It addresses the fundamental issues of what students need to know (knowledge), what they need to be able to do (skills), what they value (dispositions), and how they interface with their communities, large and small (connections). The Conceptual Framework, simply stated, is to prepare caring, capable, and connected professionals for the twenty-first century.

The Teacher Education Programs prepare teachers, provide professional services to education in South Carolina, and carry out basic and applied research in education. Curricula provide a broad general education through liberal arts and science courses, develop depth of knowledge in the teaching area, gain an understanding of the historical, philosophical, and psychological backgrounds of American education, and acquire knowledge of and skill and experience in effective teaching techniques.

The Teacher Education Programs are accredited by the National Council for the Accreditation of Teacher Education (NCATE) for the preparation of educational personnel in South Carolina in the following undergraduate programs: Early Childhood, Elementary, Special Education, and secondary school programs in Agriculture, English, Mathematics, Science, and Social Studies.

Criminal Records Check

A criminal record could prevent a person enrolled in a teacher education program in South Carolina from being certified as a teacher in this state in accordance with State Board of Education guidelines.

Section 59-25-115 of the South Carolina Code of Laws specifies that before beginning the full-time clinical teaching experience in South Carolina, a teacher education candidate shall undergo a state criminal records check by the South Carolina Law Enforcement Division (SLED) and a national criminal records check supported by fingerprints by the Federal Bureau of Investigation (FBI). The applicant is responsible for the cost associated with the FBI background checks. Information reported relative to prior arrests or convictions will be reviewed by the State Department of Education, and the State Board of Education when warranted, according to board guidelines. A teacher education candidate with prior arrests or convictions of a serious nature that could affect his/her fitness to teach in the public schools of South Carolina may be denied the opportunity to complete the clinical teaching experience, and thus affect eligibility for initial teacher certification. An individual who is denied this opportunity as a result of prior arrests or convictions, after one year, may request reconsideration under guidelines established by the State Board of Education.

The criminal records check will be handled through the Office of Teacher Certification at the South Carolina State Department of Education and will be considered phase one of a person’s application for a teaching credential. Provided the criminal records check is conducted within 18 months of the time the teacher candidate formally applies for a teaching certificate, the fingerprinting will not have to be repeated at the time of application. A graduate of a teacher education program applying for initial teacher certification must have completed the FBI fingerprint process within 18 months of formally applying for initial teacher certification or the fingerprint process must be repeated. The background check normally requires six (6) to eight (8) weeks to process. If the fingerprint card cannot be processed, the South Carolina State Department will inform the individual that it will be necessary to complete another fingerprint card and submit it to their office as soon as possible.

Admission

Professional—Application to the professional level of a program will be processed during the term in which a student is to complete 45 semester hours of work. At that time, the student will be notified of his/her status by the College’s Academic Advising Center. Prior to admission, the student must have passed all areas of the Praxis I Pre-Professional Skills Test (PPST) and have a minimum cumulative grade-point ratio of 2.5. A student may exempt the PPST by meeting minimum ACT or SAT requirements as determined each year by the South Carolina Department of Education.

Directed Teaching/Teaching Internship (Secondary)—A student shall apply to the field experience director prior to the semester in which block methods courses are to be scheduled. The following conditions must be met prior to registration for directed teaching: (1) admission to the professional level of a program; (2) completion of at least 95 semester hours; (3) a minimum cumulative grade-point ratio of 2.5. Students with a grade-point ratio of 2.25 to 2.5 may appeal to the Chair of Teacher Education, but exceptions are not common.

Enrollment in Professional Courses

Enrollment in 400-level professional education courses is contingent upon admission to the professional level as described above. Any student who desires to enroll in education courses must meet the cumulative grade-point requirements established for education majors. Appeals to continue taking classes may be made to the Chair of Teacher Education, but exceptions are not common.

Change of Major

Changing majors into Education is highly competitive and limited in Early Childhood Education and somewhat competitive and limited in Elementary Education, Secondary Education—Social Studies, and Secondary Education—English. The process involves a formal application and an essay. Requests for a change of major application can be made at the Health, Education and Human Development Academic Advising Center in 309 Edwards Hall and should be accompanied by an appointment with an advisor. Students wishing to change into any education major must have a minimum grade-point ratio of 2.5.

Graduation

To graduate, a student must have scores for all state-mandated certification exams on file with the Academic Advising Center in the College of Health, Education and Human Development. As of July 2006, students must pass all required Praxis II tests, including PLT (Principles of Learning and Teaching), before receiving recommendation for certification.

Graduate Study

Clemson University offers programs leading to the Master of Arts in Teaching, Master of Education, Master of Human Resource Development, Specialist in Education, and Doctor of Philosophy degrees.
AGRICULTURAL EDUCATION

Bachelor of Science
The College of Health, Education and Human Development and the College of Agriculture, Forestry and Life Sciences conduct a cooperative program to produce agricultural teachers (grades 9–12) for South Carolina. See page 41 for the curriculum.

EARLY CHILDHOOD EDUCATION

Bachelor of Arts
The Early Childhood Education curriculum prepares students for teaching positions on the pre-kindergarten and primary levels (Pre-K–3).

Freshman Year
First Semester
2 - ED 105 Orientation to Education
3 - HIST 173 The West and the World II
3 - MTHSC 101 Essential Math. for Informed Soc.
3 - Foreign Language Requirement
4 - Natural Science Requirement
1 - Elective

Second Semester
3 - A A H 210 Intro. to Art and Architecture
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - ENGL 103 Accelerated Composition
3 - MTHSC 117 Mathematics for Elementary School Teachers I
3 - Foreign Language Requirement

Sophomore Year
First Semester
3 - ED EC 220 Family, School, and Community Relationships
3 - GEOG 103 World Regional Geography
3 - MTHSC 118 Mathematics for Elementary School Teachers II
3 - Arts and Humanities (Literature) Requirement
4 - Natural Science Requirement

Second Semester
3 - ED 302 Educational Psychology
1 - ED F 334 Child Growth and Development
3 - PSYCH 201 Introduction to Psychology
3 - Music Requirement
3 - Science and Tech. in Society Requirement

Junior Year
First Semester
3 - CTE 310 Designing Creative Instruction
3 - ED EC 336 Social Development of Infants and Young Children
3 - ED F 301 Principles of American Education
3 - ED SP 370 Introduction to Special Education
3 - Elective

Second Semester
3 - ED EC 300 Found. of Early Childhood Edu.
3 - ED EL 321 Physical Education Methods and Content for Classroom Teachers
3 - ED EL 458 Health Education Methods and Content for the Classroom Teacher
3 - ED SP 468 Early Intervention for Infants and Children with Special Needs
3 - READ 458 Early Literacy: Birth–Kindergarten

Senior Year
First Semester
3 - ED EC 400 Observation and Assessment in Clinical Settings
3 - ED EC 420 Early Childhood Science
3 - ED EC 430 Early Childhood Mathematics
3 - ED EC 440 Integrated Language Arts and Social Studies in Primary Schools
3 - ED EC 450 Early Childhood Curriculum
1 - ED F 425 Instructional Technology Strategies
3 - READ 459 Teaching Reading in the Early Grades: K–3

Second Semester
12 - ED EC 484 Directed Teaching in Early Childhood Education

124 Total Semester Hours

NOTE: Two semesters (through 202) in a modern foreign language are required. Spanish is recommended.

ELEMENTARY EDUCATION

Bachelor of Arts
The Elementary Education curriculum prepares students for teaching on the elementary school level (grades 2–6). Students select one of two Emphasis Areas: Literacy, Culture and Diversity; or Mathematics and Science.

LITERACY, CULTURE AND DIVERSITY EMPHASIS AREA

Freshman Year
First Semester
4 - BIOL 109 Introduction to Life Science
2 - ED 105 Orientation to Education
3 - GEOG 103 World Regional Geography
3 - MTHSC 115 Contemporary Mathematics for Elementary School Teachers I
3 - Foreign Language Requirement

Second Semester
3 - ED EC 300 Found. of Early Childhood Edu.
3 - ED EL 321 Physical Education Methods and Content for Classroom Teachers
3 - ED EL 458 Health Education Methods and Content for the Classroom Teacher
3 - ED SP 468 Early Intervention for Infants and Children with Special Needs
3 - READ 458 Early Literacy: Birth–Kindergarten

Sophomore Year
First Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - ED F 301 Principles of American Education
3 - MTHSC 216 Geometry for Elementary School Teachers
4 - PH SC 108 Introduction to Physical Science
3 - Foreign Language Requirement

Second Semester
3 - ED EL 310 Arts in the Elementary School
3 - ED F 302 Educational Psychology
3 - ED F 334 Child Growth and Development
3 - ED SP 370 Introduction to Special Education
3 - ENGL 385 Children’s Literature
3 - S T S 101 Survey of Sci. and Tech. in Society or
3 - S T S 102 Ideas, Machinery and Society

Junior Year
First Semester
3 - ED EL 321 Physical Education Methods and Content for Classroom Teachers
3 - ED F 308 Classroom Assessment
3 - ED F 480 Dig. Tech. in the 21st Cen. Classroom
3 - MTHSC 316 Problem Solving for Math. Teachers
3 - READ 460 Teaching Reading in the Elementary Grades: 2–6

Second Semester
3 - ED EL 405 Social Justice and 21st Cen. Learners
3 - ED EL 452 Elem. Methods in Math. Teaching
3 - ED EL 467 Prin. and Strat. for Teaching Engl. Speakers of Other Lang., in Elem. Classrooms
1 - ED F 425 Instructional Technology Strategies
3 - READ 462 Reading and Responding to Literature in the Elementary School
3 - READ 463 Teaching Reading and Writing to English Language Learners

Senior Year
(Courses must be taken as listed in both semesters.)
First Semester
3 - ED EL 401 Elementary Field Experience
3 - ED EL 451 Elem. Methods in Science Teaching
3 - ED EL 487 Elementary Methods in Social Studies Teaching
3 - ED EL 488 Elementary Methods in Language Arts Teaching
3 - READ 461 Content Area Reading: Grades 2–6
<table>
<thead>
<tr>
<th>Semester</th>
<th>Courses</th>
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<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
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<tr>
<td><strong>First Semester</strong></td>
<td>4 - BIOL 109 Introduction to Life Science</td>
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<td>2 - ED 105 Orientation to Education</td>
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<td>3 - Foreign Language Requirement</td>
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<td><strong>Second Semester</strong></td>
<td>3 - ENGL 103 Accelerated Composition</td>
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<td>3 - HIST 101 History of the United States or 3 - HIST 102 History of the United States</td>
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<td>3 - MTHSC 116 Contemporary Mathematics for Elementary School Teachers</td>
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<td>3 - ED F 301 Principles of American Education</td>
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<td>3 - MTHSC 216 Geometry for Elementary School Teachers</td>
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<td>4 - PH SC 107 Introduction to Earth Science</td>
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<td></td>
<td>3 - Arts and Humanities (Literature) Requirement or 2 - Arts and Humanities (Literature) Requirement</td>
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<td><strong>Second Semester</strong></td>
<td>3 - ED EL 310 Arts in the Elementary School</td>
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<td>3 - MTHSC 315 Advanced Topics in Mathematics for Elementary Teachers</td>
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<td>3 - READ 460 Teaching Reading in the Elementary Grades. 2-6</td>
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<td><strong>Second Semester</strong></td>
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<td>3 - ED SEC 226 A Prof. Approach to Sec. Algebra</td>
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<td>3 - MTHSC 206 Calculus of Several Variables</td>
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<td>3 - PHYS 122 Physics with Calculus I</td>
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<td>3 - ECON 200 Economic Concepts or 3 - ECON 211 Principles of Microeconomics</td>
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<td>3 - MTHSC 302 Statistics for Science and Engr.</td>
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<td>3 - SOC 201 Introduction to Sociology or 3 - SOC 202 Social Problems</td>
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<td>3 - Science Requirement</td>
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<td>3 - MTHSC 308 College Geometry</td>
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<td>3 - MTHSC 412 Introduction to Modern Algebra</td>
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<td>3 - ED F 425 Instructional Technology Strategies</td>
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<td>3 - ED SEC 426 Teaching Secondary Mathematics</td>
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<td>3 - MTHSC 400 Theory of Probability or 3 - MTHSC 405 Stat. Theory and Methods II</td>
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<td>3 - MTHSC 408 Topics in Geometry</td>
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<td>3 - MTHSC 453 Advanced Calculus I</td>
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<td>3 - READ 498 Secondary Content Area Reading</td>
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<td><strong>Second Semester</strong></td>
<td>3 - CH 105 Chemistry in Context I</td>
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<td>4 - MTHSC 106 Calculus of One Variable I</td>
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<td><strong>First Semester</strong></td>
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<tr>
<td><strong>Second Semester</strong></td>
<td>3 - CH 106 Chemistry in Context II</td>
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<td>3 - EN SP 103 Introduction to Environmental Science</td>
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<td>4 - MTHSC 108 Calculus of One Variable II</td>
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For certification, students must earn a grade of C or higher in all mathematics content courses.
SCIENCE TEACHING

The programs leading to a Bachelor of Arts or Bachelor of Science degree in Science Teaching are designed for students planning to teach biological sciences, chemistry, earth sciences, or physical sciences on the secondary school level (grades 9–12). To be recommended for certification, students must earn a grade of C or higher in all science content courses.

Double Major in Science Teaching/Biological Sciences

The Bachelor of Arts degree in Science Teaching—Biological Sciences offers a double major in Science Teaching and Biological Sciences. This program prepares students for teaching science on the secondary school level and graduate studies in any of the life science areas.

TEACHING AREA: BIOLOGICAL SCIENCES

Bachelor of Arts

Freshman Year

First Semester
3 - BIOL 103 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology
4 - CH 101 General Chemistry
2 - ED 105 Orientation to Education
4 - MTHSC 106 Calculus of One Variable I
3 - Foreign Language Requirement1
17-18

Second Semester
3 - BIOL 104 General Biology I and
1 - BIOL 106 General Biology Lab. II or
5 - BIOL 111 Principles of Biology II
4 - CH 102 General Chemistry
3 - ENGL 103 Accelerated Composition
3 - Arts and Humanities (Non-Lit.) Requirement1
2 - ED 105 Orientation to Education
17-18

Sophomore Year

First Semester
4 - CH 201 Survey of Organic Chemistry
3 - HIST 122 History, Technology, and Society or
3 - HIST 124 Environmental History Survey
4 - CH 201 Survey of Organic Chemistry
3 - Foreign Language Requirement1
15

Second Semester
4 - BIOSC 335 Evolutionary Biology
3 - BIOSC 482 Lab. Techniques for Teaching Sci.
3 - ED F 335 Adolescent Growth and Development
3 - ENGL 315 Scientific Writing and Comm.
4 - Animal or Plant Diversity Requirement1
16

Junior Year

First Semester
3 - COMM 150 Intro. to Human Communication or
3 - COMM 250 Public Speaking
3 - ED SP 370 Introduction to Special Education
3 - EDSEC 427 Teaching Secondary Science2
3 - GEOG 103 World Regional Geography
3 - READ 498 Secondary Content Area Reading3
3 - Arts and Humanities (Non-Lit.) Requirement3
18
Second Semester
9 - EDSEC 447 Teaching Internship in Sec. Sci.4
3 - EDSEC 457 Sec. Science Capstone Seminar4
12
128–130 Total Semester Hours

Two semesters (through 203) in any modern foreign language (including American Sign Language) are required.
EX ST 301, MTHSC 203, 301, or 309
ENGL 211, 213, 214, or 215

One lecture course must be completed for both biochemistry (BIOCH 301 or BIOCH 305) and for genetics (GEN 300 or GEN 302).

One lecture and associated laboratory must be completed for both animal diversity (BIOSC 302/306 or BIOSC 303/307) and for plant diversity (BIOSC 304/308, BIOSC 305/309, BIOSC 320, or BIOSC 406/407).

To be taken the semester prior to EDSEC 447 and 457. EDSEC 427 and READ 498 must be taken concurrently.

To be taken the semester prior to EDSEC 447 and 457. EDSEC 427 and READ 498 must be taken concurrently.

Senior Year

First Semester
3 - BIOL 103 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology I
4 - CH 101 General Chemistry
3 - COMM 150 Intro. to Human Communication or
3 - COMM 250 Public Speaking
4 - MTHSC 106 Calculus of One Variable I
15-16

Second Semester
3 - BIOL 104 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology II
4 - CH 102 General Chemistry
2 - ED 105 Orientation to Education
3 - ENGL 103 Accelerated Composition
3 - Statistics Requirement3
16-17

Sophomore Year

First Semester
4 - CH 201 Survey of Organic Chemistry
3 - ED F 302 Educational Psychology
3 - HIST 122 History, Technology, and Society or
3 - HIST 124 Environmental History Survey
3 - PHYS 207 General Physics I
1 - PHYS 209 General Physics I Lab.
3 - Biochemistry or Genetics Requirement3
17

Second Semester
4 - BIOSC 336 Human Physiology
3 - ED F 301 Principles of American Education
1 - ED F (CTE) 315 Technology Skills for Learning
3 - PHYS 208 General Physics II
1 - PHYS 210 General Physics II Lab.
3 - Biochemistry or Genetics Requirement3
15

Junior Year

First Semester
3 - BIOL 103 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology I
4 - CH 101 General Chemistry
3 - COMM 150 Intro. to Human Communication or
3 - COMM 250 Public Speaking
4 - MTHSC 106 Calculus of One Variable I
15-16

Second Semester
3 - BIOL 104 General Biology I and
1 - BIOL 106 General Biology Lab. II or
5 - BIOL 111 Principles of Biology II
4 - CH 102 General Chemistry
3 - ENGL 103 Accelerated Composition
3 - Statistics Requirement3
16-17

Senior Year

First Semester
3 - BIOL 103 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology I
4 - CH 101 General Chemistry
3 - COMM 150 Intro. to Human Communication or
3 - COMM 250 Public Speaking
4 - MTHSC 106 Calculus of One Variable I
15-16

Second Semester
3 - BIOL 104 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology II
4 - CH 102 General Chemistry
2 - ED 105 Orientation to Education
3 - ENGL 103 Accelerated Composition
3 - Statistics Requirement3
16-17

Junior Year

First Semester
3 - BIOL 103 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology I
4 - CH 101 General Chemistry
3 - COMM 150 Intro. to Human Communication or
3 - COMM 250 Public Speaking
4 - MTHSC 106 Calculus of One Variable I
15-16

Second Semester
3 - BIOL 104 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology II
4 - CH 102 General Chemistry
2 - ED 105 Orientation to Education
3 - ENGL 103 Accelerated Composition
3 - Statistics Requirement3
16-17

Sophomore Year

First Semester
4 - CH 201 Survey of Organic Chemistry
3 - HIST 122 History, Technology, and Society or
3 - HIST 124 Environmental History Survey
4 - CH 201 Survey of Organic Chemistry
3 - Foreign Language Requirement1
15

Second Semester
4 - BIOSC 316 Human Physiology
3 - ED F 301 Principles of American Education
1 - ED F (CTE) 315 Technology Skills for Learning
3 - PHYS 208 General Physics II
1 - PHYS 210 General Physics II Lab.
3 - Biochemistry or Genetics Requirement4
15
Bachelor of Arts

TEACHING AREA: CHEMISTRY

Freshman Year
First Semester
1 - CH 101 General Chemistry
1 - CH 141 Chemistry Orientation
3 - ENGL 103 Accelerated Composition
4 - MTHSC 106 Calculus of One Variable I
3 - Foreign Language Requirement

Second Semester
4 - CH 102 General Chemistry
2 - CH 105 Chemistry Communication I
4 - MTHSC 106 Calculus of One Variable II
3 - PHYS 122 Physics with Calculus I
1 - PHYS 124 Physics Laboratory I
3 - Foreign Language Requirement

Sophomore Year
First Semester
3 - CH 223 Organic Chemistry
1 - CH 227 Organic Chemistry Laboratory
2 - ED 105 Orientation to Education
3 - HIST 122 History, Technology and Society or
3 - HIST 124 Environmental History Survey
3 - PHYS 221 Physics with Calculus II
1 - PHYS 223 Physics Laboratory II
3 - Arts and Humanities (Non-Lit.) Requirement

Second Semester
3 - CH 225 Organic Chemistry
1 - CH 228 Organic Chemistry Laboratory
3 - ED F 301 Principles of American Education
1 - ED F 315 Technology Skills for Learning
3 - PHYS 222 Physics with Calculus III
1 - PHYS 224 Physics Lab. III

Junior Year
First Semester
3 - BIOL 110 Principles of Biology I and
1 - BIOL 105 General Biology Laboratory I or
5 - BIOL 110 Principles of Biology I
3 - CH 317 Quantitative Analysis
1 - CH 317 Quantitative Analysis Laboratory
3 - CH 330 Introduction to Physical Chemistry
3 - EDSEC 327 Practicum in Secondary Science

Second Semester
3 - BIOL 104 General Biology II and
1 - BIOL 106 General Biology Laboratory II or
5 - BIOL 111 Principles of Biology II
3 - BIOSC 482 Laboratory Techniques for
Teaching Science
3 - ED F 302 Educational Psychology
3 - ED F 335 Adolescent Growth and Develop.
3 - Statistics Requirement

Senior Year
First Semester
3 - ED SP 370 Introduction to Special Education
3 - EDSEC 427 Teaching Secondary Science
3 - GEOG 103 World Regional Geography
3 - READ 498 Secondary Content Area Reading
3 - Arts and Humanities (Literature) Requirement

Second Semester
3 - CH 450 Chemistry Capstone
1 - CH 452 Chemistry Communication II
9 - EDSEC 447 Teaching Internship in Sec. Sci.
3 - EDSEC 457 Sec. Science Capstone Seminar

Junior Year
First Semester
3 - ASTR 102 Stellar Astronomy and
1 - ASTR 105 Physics of the Universe or
3 - PHIL 324 Philosophy of Technology
3 - PHIL 325 Philosophy of Science
3 - PHIL 326 Science and Values
3 - PHYS 311 Intro. to Meth. of Theoretical Phys.
3 - READ 498 Secondary Content Area Reading

Second Semester
3 - BIOSC 482 Lab. Techniques for Teaching Sci.
3 - CH 330 Introduction to Physical Chemistry
3 - ED F 335 Adolescent Growth and Development
3 - Social Science Requirement
3 - Statistics Requirement

Senior Year
First Semester
3 - ED SP 370 Introduction to Special Education
3 - EDSEC 427 Teaching Secondary Science
3 - PHIL 324 Philosophy of Technology or
3 - PHIL 325 Philosophy of Science or
3 - PHIL 326 Science and Values
3 - PHYS 311 Intro. to Meth. of Theoretical Phys.
3 - READ 498 Secondary Content Area Reading

Sophomore Year
First Semester
5 - BIOL 110 Principles of Biology I or
3 - BIOL 105 General Biology Laboratory I
1 - BIOL 106 General Biology Lab. I
4 - CH 201 Survey of Organic Chemistry
4 - MTHSC 206 Calculus of Several Variables
3 - PHYS 222 Physics with Calculus III
1 - PHYS 223 Physics Lab. II

Second Semester
5 - BIOL 111 Principles of Biology II or
3 - BIOL 104 General Biology II and
1 - BIOL 106 General Biology Lab. II
3 - CH 205 Intro. to Inorganic Chemistry
3 - ED F 301 Principles of American Education
1 - ED F (CITE) 315 Technology Skills for Learning
3 - PHYS 222 Physics with Calculus III
1 - PHYS 224 Physics Lab. III

Bachelor of Science

TEACHING AREA: PHYSICAL SCIENCES

Freshman Year
First Semester
4 - CH 101 General Chemistry
3 - COMM 150 Intro. Human Communication or
3 - COMM 250 Public Speaking
2 - ED 105 Orientation to Education
3 - HIST 122 History, Technology, and Society or
3 - HIST 124 Environmental History Survey
4 - MTHSC 106 Calculus of One Variable I

Second Semester
4 - CH 102 General Chemistry
3 - ENGL 103 Accelerated Composition
4 - MTHSC 106 Calculus of One Variable II
3 - PHYS 122 Physics with Calculus I
1 - PHYS 124 Physics Lab. I

Sophomore Year
First Semester
5 - BIOL 110 Principles of Biology I or
3 - BIOL 105 General Biology I and
1 - BIOL 106 General Biology Lab. I
4 - CH 201 Survey of Organic Chemistry
4 - MTHSC 206 Calculus of Several Variables
3 - PHYS 222 Physics with Calculus III
1 - PHYS 223 Physics Lab. II

Second Semester
5 - BIOL 111 Principles of Biology II or
3 - BIOL 104 General Biology II and
1 - BIOL 106 General Biology Lab. II
3 - CH 205 Intro. to Inorganic Chemistry
3 - ED F 301 Principles of American Education
1 - ED F (CITE) 315 Technology Skills for Learning
3 - PHYS 222 Physics with Calculus III
1 - PHYS 224 Physics Lab. III
SECONDARY EDUCATION

The Bachelor of Arts degree in Secondary Education is available to students preparing to teach English and mathematics on the secondary school level (grades 9–12). The Bachelor of Science degree is offered to students planning to teach social studies (economics, history, political science, psychology, and sociology). The teaching field should be selected as early as possible so that appropriate freshman and sophomore courses may be taken.

Each curriculum requires a major concentration in the teaching field. Specific courses and sequences have been designated to meet requirements for those planning to teach. The professional education courses should be completed in sequence.

TEACHING AREA: ENGLISH

Bachelor of Arts

Freshman Year

First Semester
3 - COMM 150 Intro. to Human Communication or 3 - COMM 250 Public Speaking
2 - ED 105 Orientation to Education
3 - ENGL 103 Accelerated Composition
3 - Foreign Language Requirement1
3 - Mathematics Requirement2
14

Second Semester
3 - BIOSC 200 Biology in the News3
3 - ENGL 212 World Literature
3 - HIST 173 The West and the World II
3 - Foreign Language Requirement4
4 - Natural Science Requirement5
16

Sophomore Year

First Semester
3 - ED F 301 Principles of American Education
3 - ED F 302 Educational Psychology
3 - ENGL 310 Critical Writing About Literature
3 - Arts and Humanities (Non-Lit) Req.4
3 - English Literature Survey Requirement3
11

Second Semester
1 - ED F (CTE) 315 Technology Skills for Learning
3 - ED F 335 Adolescent Growth and Development
3 - ENGL 386 Adolescent Literature6
3 - English Literature Survey Requirement3
3 - HIST 316 American Social History or 3 - HIST 361 History of England to 1688 or 3 - HIST 363 Britain Since 1688 or 3 - HIST 365 British Cultural History
3 - Fine Arts Requirement7
17

Junior Year

First Semester
3 - EDSEC 324 Prac. in Teaching Secondary Engl.8
2 - ENGL 300 Professional Development
3 - ENGL 411 Shakespeare
3 - English Literature Survey Requirement5
3 - Literature Emphasis Area Requirement9
3 - Literature Emphasis Area Diversity Req.10
17

Second Semester
3 - English Literature Survey Requirement5
3 - Literary Theory Requirement11
3 - Literature Emphasis Area Requirement II12
3 - Literature Emphasis Area Requirement III13
3 - Social Science Requirement7
15

Senior Year

First Semester
3 - ED SP 370 Introduction to Special Education14
3 - EDSEC 424 Teaching Secondary English14
3 - ENGL 485 Composition for Teachers14
3 - ENGL 496 English Senior Seminar
3 - READ 498 Secondary Content Area Reading14
15

Second Semester
1 - ED F 425 Instructional Technology Strategies15
9 - EDSEC 444 Teaching Intern. in Secondary English15
3 - EDSEC 454 Secondary English Capstone Sem.15
13

122 Total Semester Hours

2Semesters (through 202) in the same modern foreign language are required.
3See General Education Requirements.
4Any other course related to science or mathematics that satisfies the General Education S T S requirement may be substituted.
5Select from PHIL 101, 102, or 103.
6Select from ENGL 396, 397, 398, or 399.
7This course qualifies as a Literature Emphasis Area Requirement for a BA in English.
8ENGL 357 is required.
9Students must complete 45 hours of field experience in a public school.
10Select from ENGL 403, 407, 408, 410, 414, 420, 427, 429, 444, or 463.
11Select from ENGL 353, 380, 419, 456, 482, or 483.
12Select from ENGL 345, 436, 440, or 442, or other course approved by the department.
13Select from ENGL 415, 416, 417, 418, 421, 425, 426, or 464.
14Select from ENGL 428, 430, 431, 432, 433, 434, 455, or 465.
15ED SP 370, EDSEC 424, ENGL 485, and READ 498 must be taken concurrently during fall semester of senior year. Students must also enroll in the laboratory sections of EDSEC 424 and READ 498.
16ED F 425, EDSEC 444, and 454 must be taken concurrently during spring semester of senior year.

TEACHING AREA: MATHEMATICS

The Bachelor of Arts degree in Secondary Education—Mathematics offers a double major in Secondary Education—Mathematics and Mathematical Sciences. To be recommended for certification, students must earn a C or higher in all mathematics content courses.

Bachelor of Arts

Freshman Year

First Semester
2 - ED 105 Orientation to Education
3 - ENGL 103 Accelerated Composition
4 - MTHSC 106 Calculus of One Variable I
3 - Foreign Language Requirement1
4 - Natural Science Requirement5
16

Second Semester
4 - MTHSC 108 Calculus of One Variable II
3 - MTHSC 129 Problem Solving in Discrete Math.
3 - PHIL 102 Introduction to Logic
3 - PHYS 122 Physics with Calculus I
1 - PHYS 124 Physics Laboratory I
3 - Foreign Language Requirement5
17

Sophomore Year

First Semester
3 - ECON 200 Economic Concepts or 3 - ECON 211 Principles of Microeconomics
3 - EDSEC 226 A Prof. Approach to Sec. Algebra
3 - HIST 102 History of the United States
4 - MTHSC 206 Calculus of Several Variables
1 - MTHSC 250 Intro. to Mathematical Sciences
3 - Computer Science Requirement6
17

Second Semester
3 - ED F 302 Educational Psychology
1 - ED F (CTE) 315 Technology Skills for Learning
4 - MTHSC 208 Intro. to Ordinary Diff. Equations
3 - MTHSC 311 Linear Algebra
3 - Arts and Humanities (Literature) Requirement4
3 - Science and Tech. in Society Requirement7
17

Junior Year

First Semester
3 - ED F 301 Principles of American Education
3 - EDSEC 326 Practicum in Secondary Math.
3 - MTHSC 302 Statistics for Science and Engr.
3 - MTHSC 400 Theory of Probability
3 - Cross-Cultural Awareness Requirement2
15

Second Semester
3 - ED F 335 Adolescent Growth and Development
3 - ED SP 370 Introduction to Special Education
3 - EDSEC 437 Technology in Secondary Math.
3 - MTHSC 308 College Geometry
3 - MTHSC 412 Introduction to Modern Algebra
15
Senior Year  
First Semester  
- COMM 250 Public Speaking  
- ED F 425 Instructional Technology Strategies  
- EDSEC 426 Teaching Secondary Mathematics  
- MTHSC 408 Topics in Geometry  
- MTHSC 453 Advanced Calculus I  
- READ 498 Secondary Content Area Reading  
Second Semester  
- EDSEC 446 Teaching Internship in Secondary Mathematics  
12  
125 Total Semester Hours

Second Semester  
- EDSEC 446 Teaching Internship in Secondary Mathematics  
12

TEACHING AREA: SOCIAL STUDIES (ECONOMICS)  
Bachelor of Science  

Freshman Year  
First Semester  
- ED F 425 Instructional Technology Strategies  
- ED F 335 Adolescent Growth and Development  
- ED SEC 328 Practicum in Secondary Social Studies  
- Non-Western History Requirement  
- Teaching Major  
15

Second Semester  
- ED M 150 Intro. to Human Comm. or  
- COMM 250 Public Speaking  
- Arts and Humanities (Non-Lit.) Requirement  
- Non-Western History Requirement  
- Teaching Major  
15

Junior Year  
First Semester  
- ED F 425 Instructional Technology Strategies  
- ED SP 370 Introduction to Special Education  
- EDSEC 428 Teaching Secondary Social Studies  
- READ 498 Secondary Content Area Reading  
- Teaching Major  
13

Second Semester  
- EDSEC 448 Teaching Internship in Secondary Social Studies  
- EDSEC 458 Secondary Social Studies Capstone Seminar  
12  
122 Total Semester Hours

Sophomore Year  
First Semester  
- ECON 211 Principles of Microeconomics  
- ED F 302 Educational Psychology  
- HIST 101 History of the United States  
- HIST 172 The West and the World I  
- PO SC 101 American National Government  
15  
Second Semester  
- ECON 212 Principles of Macroeconomics  
- ED F (CTE) 315 Technology Skills for Learning  
- HIST 102 History of the United States  
- HIST 173 The West and the World II  
- PO SC 102 Intro. to International Relations  
- Non-Western History Requirement  
16

Senior Year  
First Semester  
- ECON 200 Economic Concepts  
- ED F 302 Educational Psychology  
- HIST 101 History of the United States  
- HIST 172 The West and the World I  
- PO SC 101 American National Government  
15

Second Semester  
- ED F (CTE) 315 Technology Skills for Learning  
- HIST 102 History of the United States  
- HIST 173 The West and the World II  
- HIST 299 Seminar: The Historian’s Craft  
- Advanced Humanities Requirement  
- Arts and Humanities (Non-Lit.) Requirement  
17

Junior Year  
First Semester  
- ECON 211 Principles of Microeconomics  
- ED SP 370 Introduction to Special Education  
- EDSEC 428 Teaching Secondary Social Studies  
- EDSEC 448 Teaching Internship in Secondary Social Studies  
- Teaching Major  
18

Second Semester  
- SOC 201 Introduction to Sociology  
- Arts and Humanities Requirement  
- Arts and Humanities (Literature) Requirement  
- Teaching Major  
18

Senior Year  
First Semester  
- ECON 200 Economic Concepts  
- ED F 302 Educational Psychology  
- HIST 101 History of the United States  
- HIST 172 The West and the World I  
- PO SC 101 American National Government  
15

Second Semester  
- ED F (CTE) 315 Technology Skills for Learning  
- HIST 102 History of the United States  
- HIST 173 The West and the World II  
- HIST 299 Seminar: The Historian’s Craft  
- Advanced Humanities Requirement  
- Arts and Humanities (Non-Lit.) Requirement  
17

Bachelor of Arts  

Freshman Year  
First Semester  
- ED 105 Orientation to Education  
- ENGL 103 Accelerated Composition  
- GEOG 101 Introduction to Geography  
- PSYCH 201 Introduction to Psychology  
- SOC 201 Introduction to Sociology  
18

Sophomore Year  
First Semester  
- ECON 211 Principles of Microeconomics  
- ED F 302 Educational Psychology  
- HIST 101 History of the United States  
- HIST 172 The West and the World I  
- PO SC 101 American National Government  
15

Second Semester  
- ECON 212 Principles of Macroeconomics  
- ED F (CTE) 315 Technology Skills for Learning  
- HIST 102 History of the United States  
- HIST 173 The West and the World II  
- PO SC 102 Intro. to International Relations  
- Non-Western History Requirement  
16

Second Semester  
- ANTH 201 Introduction to Anthropology  
- BIOSC 200 Biology in the News  
- ENGL 214 American Literature  
- GEOG 101 Introduction to Geography  
- PSYCH 201 Introduction to Psychology  
- Foreign Language Requirement  
18  
129 Total Semester Hours

Sophomore Year  
First Semester  
- ECON 211 Principles of Microeconomics  
- ED F 302 Educational Psychology  
- HIST 101 History of the United States  
- HIST 172 The West and the World I  
- PO SC 101 American National Government  
15

Second Semester  
- ANTH 201 Introduction to Anthropology  
- BIOSC 200 Biology in the News  
- ENGL 214 American Literature  
- GEOG 101 Introduction to Geography  
- PSYCH 201 Introduction to Psychology  
- Foreign Language Requirement  
18

1Two semesters (through 202) in any modern foreign language, including American Sign Language, are required.
2See General Education Requirements.
3CP SC 101, 111, or 120
4ENGL 212, 213, 214, or 215
5ED F 425, EDSEC 426, and READ 498 must be taken concurrently during fall semester.
6EDSEC 446 and 456 must be taken concurrently. Offered spring semester only.
7Two semesters (through 202) in any modern foreign language, including American Sign Language, are required.
8See General Education Requirements.
9Select from 300- and 400-level courses in economics.
10See advisor.
11Select from 300- and 400-level courses in economics.
12ED F 425, EDSEC 428, and READ 498 must be taken concurrently during fall semester.
13EDSEC 448 and 458 must be taken concurrently. Offered spring semester only.
14Two semesters (through 202) in any modern foreign language, including American Sign Language, are required.
15See General Education Requirements.
16Any other course related to science or mathematics that satisfies the General Education S T S requirement may be substituted.
17Select from A A H, COMM (except 364, 368), ENGL (except 304, 312, 314, 316, 333, 335, 485, 490, 495), HUM, MUSIC, PHIL, REL, THEA (except 377, 457, 497), WS, or foreign language course numbered 300 or higher.
18See advisor. Students must complete a minimum of three hours each of United States history and European history, and six hours of non-Western history selected from 300- or 400-level HIST courses. At least one course must be at the 400 level.
19ED F 425, EDSEC 428, HIST 490, and READ 498 must be taken concurrently in the fall semester of the senior year.
20EDSEC 448 and 458 must be taken concurrently. Offered spring semester only.
TEACHING AREA: SOCIAL STUDIES (HISTORY)
Bachelor of Science

Freshman Year
First Semester
2 - ED 105 Orientation to Education
3 - ENGL 103 Accelerated Composition
3 - GEOG 101 Introduction to Geography
3 - HIST 101 History of the United States
3 - HIST 172 The West and the World I
3 - PO SC 101 American National Government
16
Second Semester
3 - ANTH 201 Introduction to Anthropology
3 - BIOSC 200 Biology in the News
3 - ENGL 214 American Literature
3 - GEOG 103 World Regional Geography
3 - PSYCH 201 Introduction to Psychology
15

Sophomore Year
First Semester
3 - ECON 211 Principles of Microeconomics
3 - ED F 302 Educational Psychology
3 - HIST 103 History of the United States
3 - HIST 173 The West and the World II
3 - PO SC 102 Intro. to International Relations
3 - Teaching Major
16
Second Semester
3 - ECON 212 Principles of Macroeconomics
1 - ED F (CTE) 315 Technology Skills for Learning
3 - HIST 174 The West and the World III
3 - PO SC 102 Intro. to International Relations
3 - Teaching Major
15

Junior Year
First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - EDSEC 328 Practicum in Secondary Social Studies
6 - Teaching Major
15
Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - SOC 201 Introduction to Sociology
3 - Arts and Humanities (Non-Lit.) Requirement
6 - Teaching Major
15

Senior Year
First Semester
1 - ED F 425 Instructional Technology Strategies
1 - ED SP 370 Introduction to Special Education
3 - EDSEC 428 Teaching Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
6 - Teaching Major
16
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - Teaching Major
15

Junior Year
First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - EDSEC 328 Practicum in Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
3 - Teaching Major
15
Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - Arts and Humanities (Non-Lit.) Requirement
3 - Non-Western History Requirement
6 - Teaching Major
15

Senior Year
First Semester
1 - ED F 425 Instructional Technology Strategies
1 - ED SP 370 Introduction to Special Education
3 - EDSEC 428 Teaching Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
3 - Teaching Major
15
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - Teaching Major
15

TEACHING AREA: SOCIAL STUDIES (POLITICAL SCIENCE)
Bachelor of Science

Freshman Year
First Semester
2 - ED 105 Orientation to Education
3 - ENGL 103 Accelerated Composition
3 - GEOG 101 Introduction to Geography
3 - HIST 101 History of the United States
3 - HIST 172 The West and the World I
3 - PO SC 101 American National Government
16
Second Semester
3 - ANTH 201 Introduction to Anthropology
3 - BIOSC 200 Biology in the News
3 - ENGL 214 American Literature
3 - GEOG 103 World Regional Geography
3 - PSYCH 201 Introduction to Psychology
18

Sophomore Year
First Semester
3 - ECON 211 Principles of Microeconomics
3 - ED F 302 Educational Psychology
3 - HIST 103 History of the United States
3 - HIST 173 The West and the World II
3 - PO SC 102 Intro. to International Relations
3 - Teaching Major
16
Second Semester
3 - ECON 212 Principles of Macroeconomics
1 - ED F (CTE) 315 Technology Skills for Learning
3 - HIST 174 The West and the World III
3 - PO SC 102 Intro. to International Relations
3 - Teaching Major
15

Junior Year
First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - EDSEC 328 Practicum in Secondary Social Studies
6 - Teaching Major
15
Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - SOC 201 Introduction to Sociology
3 - Arts and Humanities (Non-Lit.) Requirement
6 - Teaching Major
15

Senior Year
First Semester
1 - ED F 425 Instructional Technology Strategies
1 - ED SP 370 Introduction to Special Education
3 - EDSEC 428 Teaching Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
6 - Teaching Major
16
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - Teaching Major
15

TEACHING AREA: SOCIAL STUDIES (PSYCHOLOGY)
Bachelor of Science

Freshman Year
First Semester
2 - ED 105 Orientation to Education
3 - ENGL 103 Accelerated Composition
3 - GEOG 101 Introduction to Geography
3 - HIST 101 History of the United States
3 - HIST 172 The West and the World I
3 - PO SC 101 American National Government
16
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - Teaching Major
15

Junior Year
First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - EDSEC 328 Practicum in Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
3 - Teaching Major
15
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - Teaching Major
15

Senior Year
First Semester
1 - ED F 425 Instructional Technology Strategies
1 - ED SP 370 Introduction to Special Education
3 - EDSEC 428 Teaching Secondary Social Studies
3 - Read 498 Secondary Content Area Reading
3 - Teaching Major
15
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - Teaching Major
15

122 Total Semester Hours
3 - Teaching Major
15

122 Total Semester Hours
3 - Teaching Major
15

122 Total Semester Hours
3 - Teaching Major
15

122 Total Semester Hours
3 - Teaching Major
15

122 Total Semester Hours
3 - Teaching Major
15

122 Total Semester Hours
3 - Teaching Major
15

122 Total Semester Hours
3 - Teaching Major
15

122 Total Semester Hours
3 - Teaching Major
15

College of Health, Education and Human Development
Second Semester
3 - ANTH 201 Introduction to Anthropology
3 - BIOSC 200 Biology in the News
3 - ENGL 214 American Literature
3 - GEOG 103 World Regional Geography
3 - PSYCH 201 Introduction to Psychology
3 - SOC 201 Introduction to Sociology
122 Total Semester Hours

Sophomore Year
First Semester
3 - ECON 211 Principles of Microeconomics
3 - ED F 302 Educational Psychology
3 - HIST 101 History of the United States
3 - HIST 173 The West and the World I
3 - PO SC 101 American National Government
15
Second Semester
3 - ECON 212 Principles of Macroeconomics
1 - ED F (CTE) 315 Technology Skills for Learning
3 - HIST 102 History of the United States
3 - HIST 173 The West and the World II
3 - PO SC 102 Intro. to International Relations
3 - Non-Western History Requirement
16

Junior Year
First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - EDSEC 328 Practicum in Secondary Social Studies
3 - Non-Western History Requirement
3 - Teaching Major
15
Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - Arts and Humanities (Non-Lit.) Requirement
3 - Non-Western History Requirement
6 - Teaching Major
15

Senior Year
First Semester
1 - ED F 425 Instructional Technology Strategies
3 - ED SP 370 Introduction to Special Education
3 - EDSEC 428 Teaching Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
3 - Teaching Major
13
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies
122 Total Semester Hours

TEACHING AREA: SOCIAL STUDIES (SOCIOLGY)

Bachelor of Science

Freshman Year
First Semester
2 - ED 105 Orientation to Education
2 - ENGL 103 Accelerated Composition
2 - SOC 101 History of the United States
2 - MTHSC 101 Essential Math. for Informed Soc.
4 - Natural Science Requirement
18
Second Semester
3 - ANTH 201 Introduction to Anthropology
3 - BIOSC 200 Biology in the News
3 - ENGL 214 American Literature
3 - GEOG 103 World Regional Geography
3 - PSYCH 201 Introduction to Psychology
3 - SOC 201 Introduction to Sociology
18

Sophomore Year
First Semester
3 - ECON 211 Principles of Microeconomics
3 - ED F 302 Educational Psychology
3 - HIST 101 History of the United States
3 - HIST 173 The West and the World I
3 - PO SC 101 American National Government
15
Second Semester
3 - ECON 212 Principles of Macroeconomics
1 - ED F (CTE) 315 Technology Skills for Learning
3 - HIST 102 History of the United States
3 - HIST 173 The West and the World II
3 - PO SC 102 Intro. to International Relations
3 - Non-Western History Requirement
16

Junior Year
First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - EDSEC 328 Practicum in Secondary Social Studies
3 - Non-Western History Requirement
3 - Teaching Major
15
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies
12 - Capstone Seminar
12
122 Total Semester Hours

SPECIAL EDUCATION

Bachelor of Arts
The Bachelor of Arts degree in Special Education prepares students to teach children with mild disabilities in grades K-12. The curriculum is designed to meet the competencies outlined by the Council for Exceptional Children for beginning special education teachers. Students completing the program receive instruction and practical experiences that lead to Multi-Categorical Special Education Certification in South Carolina.

Freshman Year
First Semester
2 - ED 105 Orientation to Education
3 - HIST 124 Environmental History Survey or
3 - HIST 122 History, Technology, and Society
3 - MTHSC 101 Essential Math. for Informed Soc.
3 - Foreign Language Requirement
4 - Natural Science Requirement
15
Second Semester
3 - ECON 211 Principles of Macroeconomics
1 - ED F (CTE) 315 Technology Skills for Learning
3 - HIST 102 History of the United States
3 - HIST 173 The West and the World II
3 - PO SC 102 Intro. to International Relations
3 - Non-Western History Requirement
16

Sophomore Year
First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - EDSEC 328 Practicum in Secondary Social Studies
3 - Non-Western History Requirement
3 - Teaching Major
15
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies
122 Total Semester Hours

Second Semester
3 - ED F 425 Instructional Technology Strategies
3 - ED SP 370 Introduction to Special Education
3 - EDSEC 428 Teaching Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
3 - Teaching Major
13

Senior Year
First Semester
2 - ED 105 Orientation to Education
2 - ENGL 103 Accelerated Composition
2 - SOC 101 History of the United States
2 - MTHSC 101 Essential Math. for Informed Soc.
4 - Natural Science Requirement
18
Second Semester
3 - ANTH 201 Introduction to Anthropology
3 - BIOSC 200 Biology in the News
3 - ENGL 214 American Literature
3 - GEOG 103 World Regional Geography
3 - PSYCH 201 Introduction to Psychology
3 - SOC 201 Introduction to Sociology
18

Sophomore Year
First Semester
3 - ECON 211 Principles of Microeconomics
3 - ED F 302 Educational Psychology
3 - HIST 101 History of the United States
3 - HIST 173 The West and the World I
3 - PO SC 101 American National Government
15
Second Semester
3 - ECON 212 Principles of Macroeconomics
1 - ED F (CTE) 315 Technology Skills for Learning
3 - HIST 102 History of the United States
3 - HIST 173 The West and the World II
3 - PO SC 102 Intro. to International Relations
3 - Non-Western History Requirement
16

Junior Year
First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - EDSEC 328 Practicum in Secondary Social Studies
3 - Non-Western History Requirement
3 - Teaching Major
15
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies
122 Total Semester Hours

Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - Arts and Humanities (Literature) Requirement
4 - Natural Science Requirement
17

Sophomore Year
First Semester
3 - ED F 301 Principles of American Education
1 - ED F (CTE) 315 Technology Skills for Learning
3 - ED SP 370 Introduction to Special Education
3 - MTHSC 118 Mathematics for Elementary School Teachers I
3 - Foreign Language Requirement
4 - Natural Science Requirement
16

Second Semester
3 - ED F 425 Instructional Technology Strategies
3 - ED SP 370 Introduction to Special Education
3 - EDSEC 428 Teaching Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
3 - Teaching Major
13

Senior Year
First Semester
2 - ED 105 Orientation to Education
2 - ENGL 103 Accelerated Composition
2 - SOC 101 History of the United States
2 - MTHSC 101 Essential Math. for Informed Soc.
4 - Natural Science Requirement
18
Second Semester
3 - ANTH 201 Introduction to Anthropology
3 - BIOSC 200 Biology in the News
3 - ENGL 214 American Literature
3 - GEOG 103 World Regional Geography
3 - PSYCH 201 Introduction to Psychology
3 - SOC 201 Introduction to Sociology
18
Junior Year

First Semester
3 - ED EL 458 Health Education Methods and Content for the Classroom Teacher
3 - ED SP 372 Char. and Instruction of Individuals with Learning Disabilities
3 - ED SP 374 Char. and Strat. for Individuals with Emotional/Behavioral Disorders
3 - History Requirement
3 - Elective
15

Second Semester
3 - ED EL 451 Elem. Meth. in Science Teaching
3 - ED EL 487 Elementary Methods in Social Studies Teaching
3 - ED SP 373 Char. and Instruction of Individuals with Mental Retardation
3 - ED SP 491 Educational Assessment of Individuals with Disabilities
3 - READ 460 Teaching Reading in the Elementary Grades: 2–6
15

Senior Year

First Semester
1 - ED F 425 Instructional Technology Strategies
3 - ED SP 492 Mathematics Instruction for Individuals with Mild Disabilities
3 - ED SP 493 Classroom and Behavior Management for Special Educators
3 - ED SP 494 Teaching Reading to Students with Mild Disabilities
3 - ED SP 496 Special Education Field Experience
3 - ED SP 497 Secondary Methods for Individuals with Disabilities
16

Second Semester
3 - ED SP 495 Written Communication and Collaboration for the Resource Teacher
12 - ED SP 498 Directed Teaching in Special Ed.
15

124 Total Semester Hours

1Two semesters (through 202) in the same modern foreign language (including American Sign Language) are required.
2See General Education Requirements. Eight credit hours must be in a sequence. Biological and physical sciences must be represented. PH SC 107, 108, and BIOL 109 are recommended.
3ENGL 212, 213, 214, or 215
4See General Education Requirements.
5ED EL 458, ED SP 372 and 374 must be taken concurrently during the fall semester of junior year.
6HIST 101, 102, 172, 173, or 193
7ED EL 451, ED SP 375, and 491 must be taken concurrently during the spring semester of the junior year.
8ED F 425, ED SP 492, 493, 494, 496, and 497 must be taken concurrently during the fall semester of the senior year.
9ED SP 495 and 498 must be taken concurrently during the spring semester of the senior year.

HEALTH SCIENCE

Bachelor of Science

The Department of Public Health Sciences prepares students for careers in the health field, one of the largest industries in the United States. It includes hospitals and other medical service providers, public health organizations, health insurance companies, health/medical related sales, health fitness organizations, and community and nonprofit health agencies.

Plans of study can be arranged in health promotion and education, health services administration, leadership for cardiovascular technology, and pre-professional health studies. Students in the Preprofessional Promotion and Education Concentration have the skills to assess, plan, communicate, implement, manage, and evaluate public health promotion programs. Students in the Preprofessional Health Studies Concentration obtain the coursework and experience necessary for acceptance into various graduate programs in clinical health professions. The Leadership for Cardiovascular Technology concentration provides a core of health science classes, training in diagnostic cardiovascular sonography, and a leadership certificate. The Health Services Administration Concentration allows students to develop skills and competencies in health administration/management for entry-level careers or graduate study in this area. A minor in Business Administration is integral to the concentration. The department, in cooperation with the College of Architecture, Arts and Humanities, also offers a joint Bachelor of Science degree in Language and International Health (see page 67).

When space is available, students with fewer than 50 credit hours earned may apply to change majors into Health Science with a minimum cumulative grade-point ratio of 2.25. Students with 50 or more credit hours may apply for a change-of-major into Health Science when space is available based on the following restrictions:

- completion of the Health Science Mathematics and Statistics Requirements and the General Education Natural Science Requirement
- minimum cumulative grade-point ratio of 2.5
- submission of a 1–3-page document detailing why the applicant desires to major in Health Science and how this major would support his/her career goals

Additional information is available at www.hehd.clemson.edu/PublicHealth/index.htm.

HEALTH PROMOTION AND EDUCATION CONCENTRATION

Freshman Year

First Semester
3 - BIOL 103 General Biology I and
1 - BIOL 103 General Biology Lab. I or
5 - BIOL 110 Principles of Biology
3 - HLTH 202 Introduction to Public Health
3 - PSYCH 201 Introduction to Psychology
3 - SOC 201 Introduction to Sociology
1 - Elective
14-15

Second Semester
3 - ENGL 103 Accelerated Composition
3 - HLTH 203 Overview of Health Care Systems
3 - Mathematics Requirement
3 - Social Science Requirement
4 - Elective
16-17

Sophomore Year

First Semester
4 - CH 101 General Chemistry or
4 - CH 105 Chemistry in Context I
3 - HLTH 298 Human Health and Disease
3 - NUTR 203 Principles of Human Nutrition
3 - Guided Requirement
3 - Statistics Requirement
16

Second Semester
4 - CH 102 General Chemistry or
4 - CH 106 Chemistry in Context II
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - HLTH 240 Determinants of Health Behavior
1 - HLTH 398 Health Appraisal Skills
3 - PSYCH 340 Lifespan Developmental Psych.
14

Junior Year

First Semester
4 - BIOSC 222 Human Anatomy and Physiology I
3 - HLTH 303 Public Health Communication
3 - HLTH 340 Hlth. Promotion Program Planning
3 - HLTH 380 Epidemiology
3 - Elective
16

Second Semester
4 - BIOSC 223 Human Anatomy and Physiology II
1 - HLTH 419 Health Science Internship Preparation Seminar
3 - HLTH 480 Community Health Promotion
3 - HLTH 490 Research and Evaluation Strategies for Public Health
3 - Arts and Humanities (Non-Lit.) Requirement
1 - Elective
15

Senior Year

First Semester
5 - HLTH 420 Health Science Internship
6 - Health Requirement
3 - Elective
14

Second Semester
3 - Arts and Humanities (Literature) Requirement
6 - Guided Requirement
3 - Health Requirement
3 - Elective
15

120–122 Total Semester Hours

1See General Education Requirements. MTHSC 101, 102, or 106
2See General Education Requirements. Three of these credit hours must also satisfy the Cross-Cultural Awareness Requirement.
3See advisor.
4EX ST 301, MTHSC 203, 301 or 309
HEALTH SERVICES ADMINISTRATION
CONCENTRATION

Freshman Year
First Semester
3 - ECON 211 Principles of Microeconomics
3 - HLTH 202 Introduction to Public Health
4 - Natural Science Requirement
3 - Social Science Requirement
2 - Elective
15

Second Semester
3 - ECON 212 Principles of Macroeconomics
3 - ENGL 103 Accelerated Composition
3 - HLTH 203 Overview of Health Care Systems
3 - Guided Requirement
3 - Mathematics Requirement
15-16

Sophomore Year
First Semester
3 - ACCT 201 Financial Accounting Concepts
3 - C R D (AP EC, HLTH) 361 Introduction to Health Care Economics
3 - HLTH 298 Human Health and Disease
3 - Health Requirement
3 - Statistics Requirement
15

Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - HLTH 240 Determinants of Health Behavior
3 - MGT 201 Principles of Management
3 - Guided Requirement
3 - Social Science Requirement
15

Junior Year
First Semester
3 - HLTH 380 Epidemiology
3 - LAW 322 Legal Environment of Business
3 - MKT 301 Principles of Marketing
3 - Guided Requirement
3 - Elective
15

Second Semester
1 - HLTH 419 Health Science Internship
Preparation Seminar
3 - HLTH 490 Research and Evaluation Strategies for Public Health
3 - Arts and Humanities (Literature) Requirement
3 - Guided Requirement
3 - Health Requirement
3 - Elective
16

Senior Year
First Semester
3 - FIN 306 Corporation Finance
5 - HLTH 420 Health Science Internship
3 - HLTH 440 Managing Health Service Org.
3 - HLTH 460 Health Information Systems
14

Second Semester
3 - HLTH 475 Principles of Health Care Operations Management and Research
3 - HLTH 478 Health Policy Ethics and Law
3 - HLTH 479 Financial Management and Budgeting for Health Service Organizations
3 - Arts and Humanities (Non-Lit.) Requirement
3 - Guided Requirement
15

120-121 Total Semester Hours
3 - BIOL 105/106, 110, CH 101, 105, PHYS 122/124, or 207/209
3 - General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.
3 - See advisor. Courses in Spanish are strongly recommended.
3 - Any HLTH course not otherwise required
3 - EX ST 301, MTHSC 301 or 309
3 - Internship may be done fall, spring, or summer after completing HLTH 419.
Note: A minimum grade-point ratio of 2.0 is required for registration in each HLTH course.

LEADERSHIP FOR CARDIOVASCULAR TECHNOLOGY CONCENTRATION

Freshman Year
First Semester
3 - BIOL 103 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology I
4 - CH 101 General Chemistry
3 - HLTH 202 Introduction to Public Health
3 - Social Science Requirement
14-15

Second Semester
3 - BIOL 104 General Biology II and
1 - BIOL 106 General Biology Lab. II or
5 - BIOL 111 Principles of Biology II
4 - CH 102 General Chemistry
3 - ENGL 103 Accelerated Composition
3 - HLTH 203 Overview of Health Care Systems
3 - Mathematics Requirement
17-19

Sophomore Year
First Semester
4 - BIOSC 222 Human Anatomy and Phys. I
3 - CVT 225 Ultrasound Physics
3 - HLTH 298 Human Health and Disease
3 - PHYS 207 General Physics I
1 - PHYS 209 General Physics I Laboratory
3 - Statistics Requirement
17

Second Semester
4 - BIOSC 223 Human Anatomy and Physiology II
3 - COMM 150 Intro. to Human Communication or
3 - COMM 250 Public Speaking
3 - CVT 226 Intro. to Cardiovascular Sonography
3 - HEHD 410 Leadership Behav. and Civil Engage.
3 - HLTH 490 Research and Evaluation Strategies for Public Health
3 - Arts and Humanities (Literature) Requirement
14

Junior Year
First Semester
4 - CVT 325 Echocardiography Principles
4 - CVT 335 Vascular Sonography Principles
3 - HLTH 380 Epidemiology
3 - Arts and Humanities (Literature) Requirement
17

Second Semester
4 - CVT 326 Echocardiography Methods
4 - CVT 336 Vascular Sonography Methods
3 - HEHD 410 Leadership Behav. and Civil Engage.
3 - HLTH 490 Research and Evaluation Strategies for Public Health
3 - Arts and Humanities (Literature) Requirement
17

Summer
6 - CVT 424 CVS Field Experience I

Senior Year
First Semester
6 - CVT 425 CVS Field Experience II
3 - HEHD 420 Leadership Appl. and Experience
3 - Social Sciences Requirement
12

Second Semester
6 - CVT 426 CVS Field Experience III
3 - Health Requirement
3 - Elective
12

125-128 Total Semester Hours
3 - See General Education Requirements. Six of these credits must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.
3 - MTHSC 101, 102, or 106
3 - Any HLTH course not otherwise required.
Note: A minimum grade-point ratio of 2.0 is required for registration in each HLTH course.

PREPROFESSIONAL HEALTH STUDIES CONCENTRATION

Freshman Year
First Semester
3 - BIOL 103 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology I
4 - CH 101 General Chemistry
3 - HLTH 202 Introduction to Public Health
3 - Social Science Requirement
14-15
Second Semester
3 - BIOL 104 General Biology II and
1 - BIOL 106 General Biology Lab. II or
5 - BIOL 111 Principles of Biology II
4 - CH 102 General Chemistry
3 - ENGL 103 Accelerated Composition
3 - HLTH 203 Overview of Health Care Systems
14 - Mathematics Requirement  
17-19

Sophomore Year
First Semester
4 - BIOSC 222 Human Anatomy and Phys. I
3 - HLTH 298 Human Health and Disease
5 - Guided Requirement
3 - Health Requirement
3 - Statistics Requirement
16

Second Semester
4 - BIOSC 223 Human Anatomy and Phys. II
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - HLTH 240 Determinants of Health Behavior
3 - Social Science Requirement
3 - Elective
16

Junior Year
First Semester
3 - HLTH 380 Epidemiology
3 - PHYS 207 General Physics I
1 - PHYS 209 General Physics I Lab.
4 - Guided Requirement
3 - Health Requirement
1 - Elective
15

Second Semester
1 - HLTH 419 Health Science Internship Preparation Seminar
3 - HLTH 490 Research and Evaluation Strategies for Public Health
3 - PHYS 208 General Physics II
1 - PHYS 210 General Physics II Lab.
3 - Arts and Humanities (Non-Lit.) Requirement
4 - Guided Requirement
15

Senior Year
First Semester
5 - HLTH 420 Health Science Internship
3 - Arts and Humanities (Literature) Requirement
3 - Health Requirement
3 - Elective
14

Second Semester
3 - Guided Requirement
3 - Health Requirement
7 - Elective
13

120–123 Total Semester Hours

See advisor. Courses in Spanish are strongly recommended.
Any HLTH course not otherwise required
EX ST 301, MTHSC 203, 301, or 309
Physician’s Assistant, premedical, and premedicine students may also need BIOSC 301 and eight credit hours of organic chemistry. Some programs also require a course in microbiology.
Internship must be completed in one or two semesters. Internship may be done fall, spring, or summer after completing HLTH 419. Prior approval is required for summer internships.
A grade-point ratio of 2.0 is required for registration.
Note: A minimum grade-point ratio of 2.0 is required for registration in each HLTH course.

LANGUAGE AND INTERNATIONAL HEALTH

Bachelor of Science

The Language and International Health program is administered by the College of Architecture, Arts and Humanities and the College of Health, Education and Human Development. See page 67 for the curriculum.

NURSING

Bachelor of Science

The Bachelor of Science degree program in Nursing prepares students for professional nursing practice in a variety of settings, such as hospitals, industry, clinics, and public health agencies. During the first two years, emphasis is on liberal arts and basic science courses arranged to provide a foundation for the nursing major. Junior and senior courses emphasize the study of nursing. Clinical nursing experiences, guided by the Nursing faculty, involve acute and community-based settings. Students are responsible for their own transportation to clinical laboratory experiences, which may extend throughout the Upstate.

Throughout the clinical laboratory period, Nursing majors are required to carry current, valid student nurses’ professional liability insurance with minimum limits of liability of $1,000,000 per occurrence and $6,000,000 in aggregate. Documentation of such coverage must be provided to the Director of the School of Nursing. No student may participate in clinical learning activities without this insurance coverage.

To comply with clinical agency contract requirements and South Carolina law, students enrolled in nursing courses with a clinical laboratory must meet specific requirements listed in the School of Nursing Student Handbook at www.clemson.edu/health/nursing.

Transfer admission is competitive. Students are encouraged to apply early to the Office of Admissions. The University admits ten new transfer students to the Nursing major during the fall semester only. Potential students must have a minimum grade point ratio of 3.0 and completion of 30 semester hours of transferable coursework. Placement in the Nursing curriculum will be determined after credit evaluation is completed.

Students may change majors into Nursing based on approval of an Admissions Committee in the School of Nursing. Applications are accepted each year during January with a deadline of January 31. Decisions are made by February 28. Change-of-major students will have a start date of the following January into upper division (junior-level) nursing courses. Applicants should meet the following requirements prior to the semester of application: a minimum cumulative grade-point ratio of 2.75, completion of a minimum of two required sciences in the Nursing curriculum with a C or better. Selection priority is based on grade-point ratio and number of completed nursing prerequisites. Students are allowed to apply only once.

Detailed information is available from the Academic Advising Center in 309 Edwards Hall or at www.clemson.edu/health/nursing.

Freshman Year
First Semester
3 - BIOL 103 General Biology I
1 - BIOL 105 General Biology Lab. I
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
2 - NURS 102 Nursing Success Skills
3 - NURS 140 Computer Appl. in Health Care
3 - SOC 201 Introduction to Sociology
15

Second Semester
4 - CH 101 General Chemistry I
3 - ENGL 103 Accelerated Composition
3 - MTHSC 203 Elementary Statistical Inference
3 - PSYCH 201 Introduction to Psychology
3 - Arts and Humanities (Non-Lit.) Requirement
16

Sophomore Year
First Semester
4 - BIOSC 222 Human Anatomy and Phys. I
4 - MICRO 205 Introductory Microbiology
3 - NUTR 205 Nutrition for Nursing Professionals
3 - Arts and Humanities (Literature) Requirement
1 - Elective
15

Second Semester
4 - BIOSC 223 Human Anatomy and Phys. II
3 - NURS (H C G) 333 Health Care Genetics
3 - Cross-Cultural Awareness Requirement
2
2 - Elective
15
College of Health, Education and Human Development

Junior Year

First Semester
1. Students must pass didactic and clinical components to pass nursing courses.
2. A minimum grade-point ratio of 2.5 is required in all nursing courses.
3. Students must achieve a C or better in all required science courses.
4. A minimum grade-point ratio of 2.5 is required in all nursing courses.
5. Students must pass didactic and clinical components to pass nursing courses.

Second Semester
1. Students scoring 2 or below on the CMPT must take MTHSC 101 as a prerequisite for CH 101 during this semester.
2. See General Education Requirements.
3. This requirement is satisfied by another course in the curriculum, elective hours may be substituted.
4. Students enrolled at the University Center of Greenville will substitute NURS 414 for NURS 311 and 415.

Senior Year

First Semester
5. Students must achieve a C or better in all required science courses.
6. A minimum grade-point ratio of 2.5 is required in all nursing courses.
7. A minimum grade-point ratio of 2.5 is required in all nursing courses.
8. Students must pass didactic and clinical components to pass all clinical courses.

Second Semester
9. Students scoring 2 or below on the CMPT must take MTHSC 101 as a prerequisite for CH 101 during this semester.
10. See General Education Requirements.
11. This requirement is satisfied by another course in the curriculum, elective hours may be substituted.
12. Students enrolled at the University Center of Greenville will substitute NURS 414 for NURS 311 and 415.

Sophomore Year

First Semester
4. BIOSC 222 Human Anatomy and Phys. I
5. MICRO 205 Introductory Microbiology
6. Arts and Humanities (Literature) Requirement

Second Semester
7. BIOSC 223 Human Anatomy and Phys. II
8. Nutrition Requirement
9. Oral Communication Requirement

Junior Year

First Semester
3. NURS 304 Pathophysiology for Health Care Professionals
4. NURS 312 Medical-Surgical I: Therapeutic Nursing Interventions
5. NURS 411 Nursing Care of Children
6. Departmental Requirement

Second Semester
7. NURS 303 Medical-Surg. I: Nursing of Adults
8. NURS 319 Health Assessment for RNs
9. NURS 330 Research in Nursing
10. NURS 406 Issues in Professionalism

Registered Nurse BS Completion Program

The RN/BS curriculum offers an individualized study option for the registered nurse to obtain a baccalaureate degree in Nursing. Credits may be earned through an accelerated program of study, combining transfer credits for selected courses from accredited institutions of higher learning, credit by examination for previously completed nursing courses, and enrollment in courses at Clemson University. Qualified students may take up to six hours of graduate courses towards the master's degree in Nursing. Registered nurses interested in pursuing a baccalaureate degree should contact the School of Nursing for curriculum requirements. This program is offered at the University Center of Greenville.

Freshman Year

First Semester
1. Students must achieve a C or better in all required science courses.
2. A minimum grade-point ratio of 2.5 is required in all nursing courses.
3. Students must achieve a C or better in all required science courses.

Second Semester
4. Students scoring 2 or below on the CMPT must take MTHSC 101 as a prerequisite for CH 101 during this semester.
5. See General Education Requirements.
6. This requirement is satisfied by another course in the curriculum, elective hours may be substituted.
7. Students enrolled at the University Center of Greenville will substitute NURS 414 for NURS 311 and 415.

Sophomore Year

First Semester
8. Students scoring 2 or below on the CMPT must take MTHSC 101 as a prerequisite for CH 101 during this semester.
9. See General Education Requirements.
10. This requirement is satisfied by another course in the curriculum, elective hours may be substituted.
11. Students enrolled at the University Center of Greenville will substitute NURS 414 for NURS 311 and 415.

Junior Year

First Semester
12. Students scoring 2 or below on the CMPT must take MTHSC 101 as a prerequisite for CH 101 during this semester.
13. See General Education Requirements.
14. This requirement is satisfied by another course in the curriculum, elective hours may be substituted.
15. Students enrolled at the University Center of Greenville will substitute NURS 414 for NURS 311 and 415.

Second Semester
16. Students scoring 2 or below on the CMPT must take MTHSC 101 as a prerequisite for CH 101 during this semester.
17. See General Education Requirements.
18. This requirement is satisfied by another course in the curriculum, elective hours may be substituted.
19. Students enrolled at the University Center of Greenville will substitute NURS 414 for NURS 311 and 415.

Senior Year

First Semester
20. Students scoring 2 or below on the CMPT must take MTHSC 101 as a prerequisite for CH 101 during this semester.
21. See General Education Requirements.
22. This requirement is satisfied by another course in the curriculum, elective hours may be substituted.
23. Students enrolled at the University Center of Greenville will substitute NURS 414 for NURS 311 and 415.

Second Semester
24. Students scoring 2 or below on the CMPT must take MTHSC 101 as a prerequisite for CH 101 during this semester.
25. See General Education Requirements.
26. This requirement is satisfied by another course in the curriculum, elective hours may be substituted.
27. Students enrolled at the University Center of Greenville will substitute NURS 414 for NURS 311 and 415.

PARKS, RECREATION AND TOURISM MANAGEMENT Bachelor of Science

The Department of Parks, Recreation and Tourism Management prepares students for a variety of careers in public and private leisure services. The curriculum provides a broad exposure to the management of leisure service programs and resources, such as those for municipalities, institutions, voluntary and youth-serving agencies, management positions within the travel and tourism industry and as resource managers of local, state, and federal parks and related lands and waters.

The curriculum allows students to select from five concentrations. This latitude permits accommodation of each student’s career objectives in positions in community recreation, sport management, recreation programming, cultural arts management, commercial recreation, wilderness management, nature interpretation, park management, historic site management, rehabilitation services, leisure counseling, camp administration, recreation therapy, programs for people with disabilities or senior citizens, travel industry, resort management, convention and visitor bureaus, theme parks, community tourism, and special event/festival planning, to name a few.
The Parks, Recreation and Tourism Management program is accredited by the National Council on Accreditation (National Recreation and Park Association/Council on Postsecondary Accreditation). Graduates are immediately eligible to apply to become “Certified Park and Recreation Professionals,” a valuable credential for professional advancement.

When space is available, a student may change majors to one of the degree concentrations in the Department of Parks, Recreation and Tourism Management with a 2.0 cumulative grade-point ratio and approval of the department chair or his/her designee. Students are encouraged to speak with the PRTM advisor about changing their major prior to the start of their sophomore year to avoid a delay in graduation due to course sequencing and course prerequisite requirements.

Graduate degrees offered are Master of Parks, Recreation and Tourism Management; Master of Science; and Doctor of Philosophy.

COMMUNITY RECREATION, SPORT AND CAMP MANAGEMENT CONCENTRATION

The Community Recreation, Sport and Camp Management (CRSCM) Concentration prepares students for careers in community recreation, amateur athletics, and camp management by developing theoretical, conceptual, and applied knowledge bases necessary for success in its diverse field. The focus of this program is on community, family, and individual development. Career opportunities include, but are not limited to, community recreation programming, community athletic programming, camp administration, facility operation and management, special events, campus recreation, and fitness and wellness programming.

Freshman Year
First Semester
1 - C U 101 University Success Skills
2 - ECON 211 Principles of Microeconomics
3 - PSYCH 201 Introduction to Psychology or
3 - SOC 201 Introduction to Sociology
3 - Mathematics Requirement
4 - Natural Science Requirement
5 - Elective
15

Second Semester
1 - PRTM 200 Profession and Practice in PRTM
1 - PRTM 207 Practicum II
2

Junior Year
First Semester
1 - PRTM 298 Creative Inquiry—I PRTM I
12 - Concentration Requirement
14

Second Semester
1 - PRTM 398 Creative Inquiry—I PRTM III
1 - PRTM 404 Field Training I
12 - Concentration Requirement
15

Summer
6 - PRTM 405 Field Training II

Senior Year
First Semester
1 - PRTM 498 Creative Inquiry—I PRTM IV
12 - Concentration Requirement
13

Second Semester
12 - Concentration Requirement
12

121 Total Semester Hours

EX ST 222, 301, or MTHSC 203
See General Education Requirements.
A A H 210, MUSIC 210, REL 101, or 102
See advisor.

PARK AND PROTECTED AREA MANAGEMENT CONCENTRATION

Students in Park and Protected Area Management (PPAM) prepare for work as park rangers, planners, educators, law enforcement officers, and administrators of our nation’s federal, state, and county public lands that hold unique natural, cultural, and historic resources. PPAM focuses on helping visitors enjoy and appreciate parklands while protecting those resources for future generations. Besides taking coursework in PRTM, many students choose to complete a minor field of study in forest resource management, wildlife and fisheries biology, history, or anthropology.

Freshman Year
First Semester
1 - BIOL 120 Biological Inquiry Lab.
3 - BIOL 122 Keys to Biodiversity
2 - C U 101 University Success Skills
3 - PSYCH 201 Introduction to Psychology or
3 - SOC 201 Introduction to Sociology
3 - Mathematics Requirement
3 - Elective
15

Second Semester
3 - ANTH 201 Introduction to Anthropology or
3 - GEOG 101 Introduction to Geography
3 - BIOL 220 Biology: Concepts, Issues, Values
3 - ENGL 103 Accelerated Composition
1 - PRTM 200 Profession and Practice in PRTM
5 - Elective
15

Sophomore Year
First Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
2 - PRTM 220 Conceptual Foundations of Parks, Recreation, and Tourism
3 - Arts and Humanities (Literature) Requirement
3 - Arts and Humanities (Non-Lit.) Requirement
6 - Elective
17

Second Semester
1 - PRTM 198 Creative Inquiry—I PRTM I
2 - PRTM 221 Delivery Systems for Parks, Recreation, and Tourism
3 - PRTM 222 Program and Event Planning in Parks, Recreation, and Tourism
4 - PRTM 223 Administration/Management in Parks, Recreation, and Tourism
2 - PRTM 224 Legal Aspects of Parks, Recreation, and Tourism

Junior Year
First Semester
2 - PRTM 398 Creative Inquiry—I PRTM III
12 - Concentration Requirement
14

Second Semester
2 - PRTM 298 Creative Inquiry—I PRTM II
1 - PRTM 398 Practicum I
2

Summer
1 - PRTM 206 Practicum I
1 - PRTM 207 Practicum II
2

Senior Year
First Semester
1 - PRTM 498 Creative Inquiry—I PRTM IV
12 - Concentration Requirement
13

Second Semester
1 - PRTM 404 Field Training I
2 - PRTM 405 Field Training II
5 - Elective
15

Summer
6 - PRTM 405 Field Training II
Second Semester
- Concentration Requirement
12
121 Total Semester Hours
1EX ST 222, 301, or MTHSC 203
2See General Education Requirements.
3A A H 210, MUSIC 210, REL 101, or 102
4See advisor.

PROFESSIONAL GOLF MANAGEMENT CONCENTRATION
The Professional Golf Management (PGM) Concentration provides a unique educational background for students who desire to become PGA professionals. Students obtain specialized knowledge and skills which prepare them to become leaders in the golf industry. The PGM Concentration combines academics, career training, and extensive internship experience to develop well-rounded, service-oriented professionals who can meet and respond to the personal as well as business management requirements of golf programs and facilities.

Freshman Year
First Semester
1 - BIOL 120 Biological Inquiry Lab. and
3 - BIOL 121 Keys to Human Identity or
3 - BIOL 122 Keys to Biodiversity or
3 - BIOL 123 Keys to Human Biology or
3 - BIOL 124 Keys to Reproduction
3 - PRTM 281 Introduction to Golf Management
3 - PSYCH 201 Introduction to Psychology
3 - Mathematics Requirement
3 - Elective
15
Second Semester
3 - BIOL 220 Biology: Concepts, Issues, Values
3 - ECON 211 Principles of Microeconomics
3 - ENGL 103 Accelerated Composition
1 - PRTM 195 PGM Seminar I
1 - PRTM 200 Profession and Practice in PRTM
3 - PRTM 282 Principles of Golfer Development
3 - Elective
17

Summer
0 - CO-OP 101 Cooperative Education
1 - PRTM 206 Practicum I
1

Sophomore Year
First Semester
3 - ACCT 201 Financial Accounting Concepts
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - ECON 212 Principles of Macroeconomics
2 - PRTM 220 Conceptual Foundations of Parks, Recreation, and Tourism
1 - PRTM 295 PGM Seminar II
3 - Arts and Humanities (Literature) Requirement
3 - Arts and Humanities (Non-Lit.) Requirement
18
Second Semester
2 - PRTM 221 Delivery Systems for Parks, Recreation, and Tourism
3 - PRTM 222 Program and Event Planning in Parks, Recreation, and Tourism
4 - PRTM 223 Administration/Management in Parks, Recreation, and Tourism
2 - PRTM 224 Legal Aspects of Parks, Recreation, and Tourism
3 - PRTM 383 Golf Shop Operations
14

Summer
0 - CO-OP 102 Cooperative Education
1 - PRTM 207 Practicum II
1

Junior Year
First Semester
0 - CO-OP 103 Cooperative Education
1
Second Semester
3 - ACCT 202 Managerial Accounting Concepts
3 - HORT 212 Introduction to Turfgrass Culture
1 - HORT 213 Turfgrass Culture Lab.
3 - MGT 201 Principles of Management
5 - Elective
15

Senior Year
First Semester
3 - FD SC 307 Restaurant Food Service Mgt.
3 - FIN 306 Corporation Finance
3 - LAW 322 Legal Environment of Business
3 - MKT 301 Principles of Marketing
3 - PRTM 344 Tourism Markets and Supply
1 - PRTM 395 PGM Seminar III
16
Second Semester
0 - CO-OP 104 Cooperative Education
6 - PRTM 405 Field Training II
6

Summer
0 - CO-OP 105 Cooperative Education
6 - Elective
17

Fifth Year
First Semester
3 - PRTM 483 Golf Club Mgt. and Operations
3 - PRTM 495 PGM Seminar IV
12 - Departmental Requirement
16
120 Total Semester Hours
1EX ST 222, 301, or MTHSC 203
2See General Education Requirements.
3A A H 210, MUSIC 210, REL 101, or 102
4See advisor.

THERAPEUTIC RECREATION CONCENTRATION
The Therapeutic Recreation (TR) Concentration prepares students for exciting careers working with people with disabilities in a variety of settings, including community-based recreation agencies, camps, children’s hospitals, psychiatric and physical rehabilitation hospitals, and assisted-living facilities, to name a few. Therapeutic Recreation consists of the delivery of recreation services designed to enhance participants leisure experiences, quality of life, and functional capabilities. Students who complete these requirements will be eligible to sit for an examination to become a Certified Therapeutic Recreation Specialist (CTRS).

Freshman Year
First Semester
1 - BIOL 120 Biological Inquiry Lab. and
3 - BIOL 121 Keys to Human Identity or
3 - BIOL 122 Keys to Biodiversity or
3 - BIOL 123 Keys to Human Biology or
3 - BIOL 124 Keys to Reproduction
3 - PRTM 207 Practicum I
1
Second Semester
1 - PRTM 198 Creative Inquiry—PRTM I
0 - CO-OP 102 Cooperative Education
1 - PRTM 206 Practicum I
1

Second Semester
3 - BIOL 220 Biology: Concepts, Issues, Values
3 - ENGL 103 Accelerated Composition
1 - PRTM 200 Profession and Practice in PRTM
1 - PRTM 207 Practicum II
3 - Sociology Requirement
3 - Elective
15

Second Semester
3 - ACCT 201 Financial Accounting Concepts
3 - PRTM 220 Conceptual Foundations of Parks, Recreation, and Tourism
3 - Arts and Humanities (Literature) Requirement
3 - Arts and Humanities (Non-Lit.) Requirement
6 - Elective
17

Sophomore Year
First Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
2 - PRTM 220 Conceptual Foundations of Parks, Recreation, and Tourism
3 - Arts and Humanities (Literature) Requirement
3 - Arts and Humanities (Non-Lit.) Requirement
6 - Elective
17
Second Semester
1 - PRTM 198 Creative Inquiry—PRTM I
2 - PRTM 221 Delivery Systems for Parks, Recreation, and Tourism
3 - PRTM 222 Program and Event Planning in Parks, Recreation, and Tourism
4 - PRTM 223 Administration/Management in Parks, Recreation, and Tourism
2 - PRTM 224 Legal Aspects of Parks, Recreation, and Tourism
2

Summer
1 - PRTM 206 Practicum I
1 - PRTM 207 Practicum II
2
### Junior Year

**First Semester**
- 2 - PRTM 298 Creative Inquiry—PRTM II
- 12 - Concentration Requirement

**Second Semester**
- 2 - PRTM 398 Creative Inquiry—PRTM III
- 1 - PRTM 404 Field Training I
- 12 - Concentration Requirement

**Summer**
- 6 - PRTM 405 Field Training II

**Senior Year**

**First Semester**
- 1 - PRTM 498 Creative Inquiry—PRTM IV
- 12 - Concentration Requirement

**Second Semester**
- 12 - Concentration Requirement

121 Total Semester Hours

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### Sophomore Year

**First Semester**
- 3 - COMM 150 Intro. to Human Comm. or
- 3 - COMM 250 Public Speaking
- 2 - PRTM 220 Conceptual Foundations of Parks, Recreation, and Tourism
- 3 - Arts and Humanities (Literature) Requirement
- 3 - Arts and Humanities (Non-Lit.) Requirement
- 6 - Elective

**Second Semester**
- 1 - PRTM 198 Creative Inquiry—PRTM I
- 2 - PRTM 221 Delivery Systems for Parks, Recreation, and Tourism
- 3 - PRTM 222 Program and Event Planning in Parks, Recreation, and Tourism
- 4 - PRTM 223 Administration/Management in Parks, Recreation, and Tourism
- 2 - PRTM 224 Legal Aspects of Parks, Recreation, and Tourism

**Summer**
- 1 - PRTM 206 Practicum I
- 1 - PRTM 207 Practicum II

**Junior Year**

**First Semester**
- 2 - PRTM 298 Creative Inquiry—PRTM II
- 12 - Concentration Requirement

**Second Semester**
- 2 - PRTM 398 Creative Inquiry—PRTM III
- 1 - PRTM 404 Field Training I
- 12 - Concentration Requirement

**Summer**
- 6 - PRTM 405 Field Training II

**Senior Year**

**First Semester**
- 1 - PRTM 498 Creative Inquiry—PRTM IV
- 12 - Concentration Requirement

**Second Semester**
- 12 - Concentration Requirement

121 Total Semester Hours

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### Travel and Tourism Concentration

The Travel and Tourism (T&T) Concentration prepares students for interesting and challenging careers working in one of the world’s most diverse and dynamic industries. Students in this concentration are introduced to issues pertaining to the management, planning, and promotion of places and events such as tourist attractions. The program is designed to provide an understanding of the linkages that exist between local communities, their populations, and various public, private, and special interest groups. Students in Travel and Tourism can pursue careers in private sector enterprises, government agencies, convention and visitor bureaus, as well as other tourism-affiliated organizations.

### Freshman Year

**First Semester**
- 2 - C U 101 University Success Skills
- 3 - GEOG 103 World Regional Geography
- 3 - Mathematics Requirement
- 4 - Natural Science Requirement
- 3 - Elective

**Second Semester**
- 3 - ECON 211 Principles of Microeconomics
- 3 - ENGL 103 Accelerated Composition
- 1 - PRTM 200 Profession and Practice in PRTM
- 3 - Mathematics or Natural Science Requirement
- 5 - Elective

121 Total Semester Hours

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### Sophomore Year

**First Semester**
- 3 - COMM 150 Intro. to Human Comm. or
- 3 - COMM 250 Public Speaking
- 2 - PRTM 220 Conceptual Foundations of Parks, Recreation, and Tourism
- 3 - Arts and Humanities (Literature) Requirement
- 3 - Arts and Humanities (Non-Lit.) Requirement
- 6 - Elective

**Second Semester**
- 1 - PRTM 198 Creative Inquiry—PRTM I
- 2 - PRTM 221 Delivery Systems for Parks, Recreation, and Tourism
- 3 - PRTM 222 Program and Event Planning in Parks, Recreation, and Tourism
- 4 - PRTM 223 Administration/Management in Parks, Recreation, and Tourism
- 2 - PRTM 224 Legal Aspects of Parks, Recreation, and Tourism

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### Junior Year

**First Semester**
- 2 - PRTM 298 Creative Inquiry—PRTM II
- 12 - Concentration Requirement

**Second Semester**
- 2 - PRTM 398 Creative Inquiry—PRTM III
- 1 - PRTM 404 Field Training I
- 12 - Concentration Requirement

**Summer**
- 6 - PRTM 405 Field Training II

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### Senior Year

**First Semester**
- 1 - PRTM 498 Creative Inquiry—PRTM IV
- 12 - Concentration Requirement

**Second Semester**
- 12 - Concentration Requirement

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1. EX ST 222, 301, or MTHSC 203
2. See General Education Requirements.
3. A A H 210, MUSIC 210, REL 101, or 102
4. See advisor.
MINORS

Following are minors acceptable for students in the College of Health, Education and Human Development. Students cannot major and minor in the same field or acquire a minor that is not allowed by the degree program.

Accounting
Adult/Extension Education
Aerospace Studies
Agricultural Business Management
Agricultural Mechanization and Business
American Sign Language Studies
Animal and Veterinary Sciences
Anthropology
Architecture
Art
Athletic Leadership
Biochemistry
Biological Sciences—not open to Science Teaching—Biological Sciences or Secondary Education—Biological Sciences majors
Business Administration
Chemistry
Cluster
Communication Studies
Computer Science
Crop and Soil Environmental Science
Digital Production Arts
East Asian Studies
Economics—not open to Secondary Education: Social Studies (Economics) majors
Education
English
Entomology
Entrepreneurship
Environmental Engineering
Environmental Science and Policy
Equine Business
Film Studies
Financial Management
Food Science
Forest Products
Forest Resource Management
Genetics
Geography
Geology
Global Politics
Great Works
History—not open to Secondary Education: Social Studies (History) majors
Horticulture

International Engineering and Science
Legal Studies
Management
Management Information Systems
Mathematical Sciences—not open to Mathematics Teaching or Secondary Education—Mathematics majors
Microbiology
Military Leadership
Modern Languages—not open to Secondary Education—Modern Languages majors
Music
Natural Resource Economics
Nonprofit Leadership
Packaging Science
Pan African Studies
Park and Protected Area Management
Philosophy
Physics—not open to Science Teaching—Physical Sciences majors
Plant Pathology
Political Science—not open to Secondary Education: Social Studies (Political Science) majors
Psychology—not open to Secondary Education: Social Studies (Psychology) majors
Public Policy
Religion
Russian Area Studies
Science and Technology in Society
Screenwriting
Sociology—not open to Secondary Education: Social Studies (Sociology) majors
Spanish-American Area Studies
Theatre
Therapeutic Recreation
Travel and Tourism
Turfgrass
Urban Forestry
Wildlife and Fisheries Biology
Women’s Studies
Writing

See pages 37–40 for details.