

# 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. In addition to the academic areas, the College 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 will take course offerings from all colleges on campus to achieve the most complete education possible.

## 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 K–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 are designed to 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 Early Childhood, Elementary, Special Education, and secondary school programs in Agriculture, Biological Sciences, Economics, English, History, Mathematics, Modern Languages, Physical Sciences, Political Science, Psychology, Sociology, and Industrial Technology Education.

### 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 1 Pre-Professional Skills Test (PPST) and have a minimum cumulative grade-point ratio of 2.5.

**Directed Teaching/Teaching Internship (Secondary)**—A student shall apply to the field experience director prior to the semester in which directed teaching is 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 Director of the School of 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.

### Graduation

To graduate, a student must have a score report 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 becoming program completers and 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

- 1 - ED 105 Orientation to Education
- 3 - HIST 173 Western Civilization
- 3 - MTHSC 101 Essential Math. for Informed Soc.
- 3 - Foreign Language Requirement<sup>1</sup>
- 4 - Natural Science Requirement<sup>2</sup>
- 1 - Elective
- 15

#### 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 - Foreign Language Requirement<sup>1</sup>
- 3 - Mathematics Requirement<sup>3</sup>
- 15

### Sophomore Year

#### First Semester

- 3 - ED EC 220 Family, School, and Community Relationships
- 3 - GEOG 103 World Regional Geography
- 3 - Arts and Humanities (Literature) Requirement<sup>4</sup>
- 3 - Mathematics Requirement<sup>3</sup>
- 4 - Natural Science Requirement<sup>2</sup>
- 16

#### Second Semester

- 3 - ED F 301 Principles of American Education
- 1 - ED F (THRD) 315 Tech. Skills for Learning
- 3 - ED F 334 Child Growth and Development
- 3 - PSYCH 201 Introduction to Psychology
- 3 - Music Requirement<sup>5</sup>
- 3 - Science and Tech. in Society Requirement<sup>6</sup>
- 16

### Junior Year

#### First Semester

- 3 - ED EC 300 Found. of Early Childhood Educ.
- 3 - ED EC 336 Social Development of Infants and Young Children
- 3 - ED F 302 Educational Psychology
- 3 - ED SP 370 Introduction to Special Education
- 3 - THRD 310 Designing Creative Instruction
- 3 - Advanced Writing Requirement<sup>7</sup>
- 18

**Second Semester**

- 3 - ED EC 430 Early Childhood Mathematics
- 3 - ED EL 321 Physical Education Methods for Classroom Teachers
- 3 - ED EL 458 Health Education Methods 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 440 Integrated Language Arts and Social Studies in Primary Schools
- 3 - ED EC 450 Early Childhood Curriculum
- 3 - READ 459 Teaching Reading in the Early Grades: K–3

**Second Semester**

- 12 - ED EC 484 Directed Teaching in Early Childhood Education
  - 1 - ED F 425 Instructional Technology Strategies
- 123 Total Semester Hours

<sup>1</sup>Two semesters (through 202) in a modern foreign language are required. Spanish is recommended.

<sup>2</sup>One biological science and one physical science course, each with laboratory, must be selected from General Education Requirements. See advisor.

<sup>3</sup>See advisor.

<sup>4</sup>ENGL 212, 213, 214, or 215

<sup>5</sup>MUSIC 210, 311, 313, 314, 317, or 400

<sup>6</sup>See General Education Requirements.

<sup>7</sup>ENGL 304, 312, 314, 345, 346, or 348

**ELEMENTARY EDUCATION****Bachelor of Arts**

The Elementary Education curriculum prepares students for teaching on the elementary school level (grades 2–6).

**Freshman Year****First Semester**

- 3 - GEOG 103 World Regional Geography
- 3 - HIST 122 History, Technology, and Society
- 3 - MTHSC 101 Essential Math. for Informed Soc.
- 4 - PH SC 108 Introduction to Physical Science
- 3 - Foreign Language Requirement<sup>1</sup>

**Second Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*
- 3 - COMM 250 Public Speaking
- 1 - ED 105 Orientation to Education
- 3 - ENGL 103 Accelerated Composition
- 4 - PH SC 107 Introduction to Earth Science
- 3 - Foreign Language Requirement<sup>1</sup>
- 3 - Mathematics Requirement<sup>2</sup>

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**Sophomore Year****First Semester**

- 4 - BIOL 109 Introduction to Life Science
- 3 - ED F 301 Principles of American Education
- 3 - Arts and Humanities (Literature) Requirement<sup>3</sup>
- 3 - Mathematics Requirement<sup>2</sup>
- 3 - Elective

**Second Semester**

- 3 - ED F 302 Educational Psychology
- 1 - ED F (THRD) 315 Tech. Skills for Learning
- 3 - ED F 334 Child Growth and Development
- 3 - ED SP 370 Introduction to Special Education
- 3 - MUSIC 210 Music Appreciation *or*
- 3 - MUSIC 400 Music in the Elem. Classroom
- 3 - Arts and Humanities (Non-Lit.) Requirement<sup>4</sup>

**Junior Year****First Semester**

- 3 - ED 322 Responding to Emergencies *or*
- 3 - PRTM 317 Group Initiatives
- 3 - ED EL 458 Health Education Methods for the Classroom Teacher
- 3 - ENGL 385 Children's Literature
- 3 - THRD 310 Designing Creative Instruction
- 3 - Multicultural Requirement<sup>5</sup>

**Second Semester**

- 3 - ED EL 304 Instructional Planning, Management, and Communications
- 3 - ED EL 321 Physical Education Methods for Classroom Teachers
- 3 - ED F 308 Classroom Assessment
- 3 - ENGL 304 Business Writing *or*
- 3 - ENGL 312 Advanced Composition
- 3 - READ 460 Teaching Reading in the Elementary Grades: 2–6

**Senior Year****First Semester**

- 3 - ED EL 451 Elem. Methods in Science Teaching
- 3 - ED EL 452 Elem. Methods in Math. Teaching
- 3 - ED EL 487 Teaching Social Studies in the Elementary School
- 3 - ED EL 488 Teaching the Language Arts in the Elementary School
- 3 - READ 461 Content Area Reading: Grades 2–6

**Second Semester**

- 12 - ED EL 481 Dir. Teaching in the Elem. Sch.
- 1 - ED F 425 Instructional Technology Strategies

123 Total Semester Hours

<sup>1</sup>Two semesters (through 202) in the same modern foreign language are required.

<sup>2</sup>See advisor.

<sup>3</sup>ENGL 212, 213, 214 or 215

<sup>4</sup>A A H 210, HUM 301, 302, or THEA 210

<sup>5</sup>ANTH 201, ED 405, ED EL 311, PSYCH 201, SOC 201, or 202 is recommended.

**MATHEMATICS TEACHING****Bachelor of Science**

The program leading to a Bachelor of Science degree in Mathematics Teaching is designed for students planning to teach mathematics on the secondary school level (grades 9–12).

**Freshman Year****First Semester**

- 4 - CH 105 Beginning Gen. and Organic Chem.
- 1 - ED 105 Orientation to Education
- 4 - MTHSC 106 Calculus of One Variable I
- 3 - PHIL 102 Introduction to Logic
- 3 - Cross-Cultural Awareness Requirement<sup>1</sup>

**Second Semester**

- 4 - CH 106 Beginning Gen. and Organic Chem.
- 3 - ENGL 103 Accelerated Composition
- 4 - MTHSC 108 Calculus of One Variable II
- 3 - MTHSC 129 Prob. Solving in Discrete Math.
- 1 - Elective

**Sophomore Year****First Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*
- 3 - COMM 250 Public Speaking
- 4 - MTHSC 206 Calculus of Several Variables
- 3 - PHYS 122 Physics with Calculus I
- 1 - PHYS 124 Physics Lab. I
- 3 - Arts and Humanities (Literature) Requirement<sup>2</sup>
- 3 - Science Requirement<sup>3</sup>

**Second Semester**

- 3 - ECON 200 Economic Concepts *or*
- 3 - ECON 211 Principles of Microeconomics
- 3 - ED F 302 Educational Psychology
- 1 - ED F (THRD) 315 Tech. Skills for Learning
- 4 - MTHSC 208 Intro. to Ordinary Diff. Equations
- 3 - MTHSC 311 Linear Algebra
- 3 - PHYS 221 Physics with Calculus II
- 1 - PHYS 223 Physics Lab. II

**Junior Year****First Semester**

- 3 - ED F 301 Principles of American Education
- 3 - MTHSC 302 Statistics for Science and Engr.
- 3 - MTHSC 308 College Geometry
- 3 - SOC 201 Introduction to Sociology *or*
- 3 - SOC 202 Social Problems
- 3 - Science Requirement<sup>3</sup>

**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 408 Topics in Geometry
- 3 - MTHSC 412 Introduction to Modern Algebra

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**Senior Year****First Semester**

- 1 - ED F 425 Instructional Technology Strategies<sup>4</sup>
- 3 - EDSEC 426 Teaching Secondary Mathematics<sup>4</sup>
- 3 - ENGL 314 Technical Writing
- 3 - MTHSC 400 Theory of Probability *or*
- 3 - MTHSC 405 Stat. Theory and Methods II
- 3 - MTHSC 453 Advanced Calculus I
- 3 - READ 498 Secondary Content Area Reading<sup>4</sup>

16**Second Semester**

- 9 - EDSEC 446 Teaching Internship in Secondary Mathematics<sup>5</sup>
- 3 - EDSEC 456 Sec. Math. Capstone Seminar<sup>5</sup>

12

123 Total Semester Hours

<sup>1</sup>See General Education Requirements.<sup>2</sup>ENGL 212, 213, 214, or 215<sup>3</sup>Select from courses in ASTR, BIOL, BIOSC, CH, GEOL, PHYS.<sup>4</sup>ED F 425, EDSEC 426, and READ 498 must be taken concurrently during fall semester.<sup>5</sup>EDSEC 446 and 456 must be taken concurrently. Offered spring semester only.**SCIENCE TEACHING****Bachelor of Science**

The program leading to a Bachelor of Science degree in Science Teaching is designed for students planning to teach biological sciences, chemistry, earth sciences, or physical sciences on the secondary school level (grades 9–12). The required science electives are included to give some degree of competence in a field other than the major area. Students are urged to discuss the PRAXIS with their advisor upon completion of the sophomore year.

**TEACHING AREA:  
BIOLOGICAL SCIENCES****Freshman Year****First Semester**

- 5 - BIOL 110 Principles of Biology I
- 4 - CH 101 General Chemistry
- 3 - COMM 150 Intro. to Human Communication
- 4 - MTHSC 106 Calculus of One Variable I

16**Second Semester**

- 5 - BIOL 111 Principles of Biology II
- 4 - CH 102 General Chemistry
- 1 - ED 105 Orientation to Education
- 3 - ENGL 103 Accelerated Composition
- 3 - EX ST 301 Introductory Statistics

16**Sophomore Year****First Semester**

- 4 - BIOSC 222 Human Anatomy and Phys. I
- 4 - CH 201 Survey of Organic Chemistry
- 3 - PHYS 207 General Physics I
- 1 - PHYS 209 General Physics I Lab.
- 3 - Arts and Humanities (Literature) Requirement<sup>1</sup>

15**Second Semester**

- 3 - BIOCH 301 Molecular Biochemistry
- 1 - BIOCH 302 Molecular Biochemistry Lab.
- 4 - BIOSC 223 Human Anatomy and Phys. II
- 3 - ED F 301 Principles of American Education
- 1 - ED F (THRD) 315 Tech. Skills for Learning
- 3 - PHYS 208 General Physics II
- 1 - PHYS 210 General Physics II Lab.

16**Junior Year****First Semester**

- 3 - ED F 302 Educational Psychology
- 3 - GEN 302 Molecular and General Genetics
- 1 - GEN 303 Molecular and Gen. Genetics Lab.
- 3 - Ecology Requirement<sup>2</sup>
- 4 - Plant Diversity Requirement<sup>3</sup>

14**Second Semester**

- 3 - BIOSC 335 Evolutionary Biology
- 3 - ED F 335 Adolescent Growth and Development
- 3 - ENGL 314 Technical Writing
- 3 - HIST 122 History, Technology, and Society
- 4 - Animal Diversity Requirement<sup>4</sup>

16**Senior Year****First Semester**

- 1 - ED F 425 Instructional Technology Strategies<sup>5</sup>
- 3 - ED SP 370 Introduction to Special Education
- 3 - EDSEC 427 Teaching Secondary Science<sup>5</sup>
- 3 - PHIL 325 Philosophy of Science
- 3 - READ 498 Secondary Content Area Reading<sup>5</sup>
- 3 - Social Science Requirement<sup>6</sup>

16**Second Semester**

- 9 - EDSEC 447 Teaching Internship in Sec. Sci.<sup>7</sup>
- 3 - EDSEC 457 Sec. Science Capstone Seminar<sup>7</sup>

12

121 Total Semester Hours

<sup>1</sup>ENGL 212, 213, 214, or 215<sup>2</sup>BIOSC 410, 441, 443, or 446<sup>3</sup>BIOSC 304 and 308; or 305 and 309<sup>4</sup>BIOSC 303 and 307; or 302 and 306<sup>5</sup>To be taken the semester prior to EDSEC 447 and 457. ED F 425, EDSEC 427, and READ 498 must be taken concurrently. Offered fall semester only.<sup>6</sup>A A S 301, ANTH 201, GEOG 103, HIST 172, 173, 193, PO SC 102, or 104<sup>7</sup>EDSEC 447 and 457 must be taken concurrently. Offered spring semester only.**TEACHING AREA:  
PHYSICAL SCIENCES****Freshman Year****First Semester**

- 4 - CH 101 General Chemistry
- 3 - COMM 150 Intro. Human Communication
- 1 - ED 105 Orientation to Education
- 3 - HIST 122 History, Technology, and Society
- 4 - MTHSC 106 Calculus of One Variable I

15**Second Semester**

- 4 - CH 102 General Chemistry
- 3 - CH 205 Introduction to Inorganic Chemistry
- 3 - ENGL 103 Accelerated Composition
- 4 - MTHSC 108 Calculus of One Variable II
- 3 - Social Science Requirement<sup>1</sup>

17**Sophomore Year****First Semester**

- 4 - BIOL 103 General Biology I
- 4 - CH 201 Survey of Organic Chemistry
- 3 - EX ST 301 Introductory Statistics
- 1 - PHYS 101 Current Topics in Modern Physics
- 3 - Arts and Humanities (Literature) Requirement<sup>2</sup>

15**Second Semester**

- 4 - BIOL 104 General Biology II
- 3 - CH 330 Introduction to Physical Chemistry
- 3 - ED F 301 Principles of American Education
- 1 - ED F (THRD) 315 Tech. Skills for Learning
- 3 - PHYS 122 Physics with Calculus I
- 1 - PHYS 124 Physics Lab. I
- 3 - PHYS 240 Physics of the Weather

18**Junior Year****First Semester**

- 3 - ASTR 101 Solar System Astronomy
- 1 - ASTR 103 Solar System Astronomy Lab.
- 3 - CH 313 Quantitative Analysis
- 1 - CH 317 Quantitative Analysis Lab.
- 3 - ED F 302 Educational Psychology
- 3 - PHYS 221 Physics with Calculus II
- 1 - PHYS 223 Physics Lab. II

15**Second Semester**

- 3 - ASTR 102 Stellar Astronomy
- 1 - ASTR 104 Stellar Astronomy Lab.
- 3 - ED F 335 Adolescent Growth and Development
- 3 - ENGL 314 Technical Writing
- 3 - PHIL 325 Philosophy of Science
- 3 - PHYS 222 Physics with Calculus III
- 1 - PHYS 224 Physics Lab. III

17**Senior Year****First Semester**

- 1 - ED F 425 Instructional Technology Strategies<sup>3</sup>
- 3 - EDSEC 427 Teaching Secondary Science<sup>3</sup>
- 3 - ED SP 370 Introduction to Special Education
- 3 - PHYS 311 Intro. to Meth. of Theoretical Phys.
- 3 - READ 498 Secondary Content Area Reading<sup>3</sup>

13**Second Semester**

- 9 - EDSEC 447 Teaching Internship in Sec. Sci.<sup>4</sup>
- 3 - EDSEC 457 Sec. Science Capstone Seminar<sup>4</sup>

12

122 Total Semester Hours

<sup>1</sup>A A S 301, ANTH 201, GEOG 103, HIST 172, 173, 193, PO SC 102, or 104<sup>2</sup>ENGL 212, 213, 214, or 215<sup>3</sup>To be taken the semester prior to EDSEC 447 and 457. ED F 425, EDSEC 427, and READ 498 must be taken concurrently. Offered fall semester only.<sup>4</sup>EDSEC 447 and 457 must be taken concurrently. Offered spring semester only.

## SECONDARY EDUCATION

The Bachelor of Arts degree in Secondary Education is available to students preparing to teach English, mathematics, and modern languages (French, German, Spanish) on the secondary school level (grades 9–12). The Bachelor of Science degree is offered to students planning to teach 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. Students who have elective courses in the teaching area should consult their advisors prior to scheduling these courses.

The professional education courses should be completed in sequence. Application to Directed Teaching should be made in writing no later than May 1 preceding the school year in which student teaching is to be scheduled.

### TEACHING AREA: ECONOMICS

#### Bachelor of Science

##### Freshman Year

###### First Semester

- 1 - ED 105 Orientation to Education
  - 3 - ENGL 103 Accelerated Composition
  - 3 - GEOG 101 Introduction to Geography
  - 3 - HIST 122 History, Technology, and Society
  - 3 - MTHSC 101 Essential Math. for Informed Soc.
  - 4 - Natural Science Requirement<sup>1</sup>
- 17

###### 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 172 Western Civilization
  - 3 - PO SC 101 American National Government
  - 3 - Non-Western History Requirement<sup>2</sup>
- 18

###### Second Semester

- 3 - ECON 212 Principles of Macroeconomics
  - 1 - ED F (THRD) 315 Tech. Skills for Learning
  - 3 - HIST 102 History of the United States
  - 3 - HIST 173 Western Civilization
  - 3 - PO SC 102 Intro. to International Relations
  - 3 - Non-Western History Requirement<sup>2</sup>
- 16

##### Junior Year

###### First Semester

- 3 - ED F 301 Principles of American Education
  - 3 - ED F 335 Adolescent Growth and Development
  - 3 - ENGL 312 Advanced Composition
  - 3 - Non-Western History Requirement<sup>2</sup>
  - 3 - Teaching Major<sup>3</sup>
- 15

###### Second Semester

- 3 - COMM 150 Intro. to Human Comm. *or*
  - 3 - COMM 250 Public Speaking
  - 3 - ED SP 370 Introduction to Special Education
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>
  - 6 - Teaching Major<sup>3</sup>
- 15

##### Senior Year

###### First Semester

- 1 - ED F 425 Instructional Technology Strategies<sup>4</sup>
  - 3 - ED F 490 Student Management and Discipline
  - 3 - EDSEC 428 Teaching Secondary Social Studies<sup>4</sup>
  - 3 - READ 498 Secondary Content Area Reading<sup>4</sup>
  - 3 - Teaching Major<sup>3</sup>
- 13

###### Second Semester

- 9 - EDSEC 448 Teaching Internship in Secondary Social Studies<sup>5</sup>
  - 3 - EDSEC 458 Secondary Social Studies Capstone Seminar<sup>5</sup>
- 12

124 Total Semester Hours

<sup>1</sup>See General Education Requirements.

<sup>2</sup>See advisor.

<sup>3</sup>Select from 300- and 400-level economics courses.

<sup>4</sup>ED F 425, EDSEC 428, and READ 498 must be taken concurrently. Offered fall semester only.

<sup>5</sup>EDSEC 448 and 458 must be taken concurrently. Offered spring semester only.

### TEACHING AREA: ENGLISH

#### Bachelor of Arts

##### Freshman Year

###### First Semester

- 3 - COMM 150 Intro. to Human Communication
  - 1 - ED 105 Orientation to Education
  - 3 - ENGL 103 Accelerated Composition
  - 3 - GEOG 103 World Regional Geography
  - 3 - MTHSC 101 Essential Math. for Informed Soc.
  - 3 - Foreign Language Requirement<sup>1</sup>
- 16

###### Second Semester

- 2 - ENGL 190 Introduction to the English Major
  - 3 - ENGL 212 World Literature
  - 3 - HIST 172 Western Civilization
  - 3 - Foreign Language Requirement<sup>1</sup>
  - 4 - Natural Science Requirement<sup>2</sup>
- 15

##### Sophomore Year

###### First Semester

- 3 - ED F 301 Principles of American Education
  - 3 - ENGL 213 British Literature
  - 3 - G W (ENGL) 301 Great Books of West. World
  - 3 - HIST 173 Western Civilization
  - 3 - REL 102 World Religions
- 15

###### Second Semester

- 3 - BIOSC 200 Biology in the News
  - 3 - ED F 302 Educational Psychology
  - 1 - ED F (THRD) 315 Tech. Skills for Learning
  - 3 - ENGL 214 American Literature
  - 3 - ENGL 310 Critical Writing About Literature
  - 3 - HIST 361 History of England to 1688 *or*
  - 3 - HIST 363 Hist. of England Since 1688 *or*
  - 3 - HIST 365 English Cultural History
- 16

##### Junior Year

###### First Semester

- 3 - ED F 335 Adolescent Growth and Development
  - 3 - ENGL 386 Adolescent Literature
  - 3 - ENGL 400 The English Language
  - 3 - American Literature Requirement<sup>3</sup>
  - 3 - Literary Criticism Requirement<sup>4</sup>
- 15

###### Second Semester

- 3 - ENGL 304 Business Writing *or*
  - 3 - ENGL 314 Technical Writing
  - 3 - ENGL 401 Grammar Survey
  - 3 - British Literature Requirement<sup>5</sup>
  - 3 - Diversity Requirement<sup>6</sup>
  - 3 - Film Requirement<sup>7</sup>
- 15

##### Senior Year

###### First Semester

- 3 - ED SP 370 Introduction to Special Education
  - 3 - EDSEC 424 Teaching Secondary English<sup>8</sup>
  - 3 - ENGL 411 Shakespeare
  - 3 - ENGL 485 Composition for Teachers
  - 3 - READ 498 Secondary Content Area Reading<sup>8</sup>
- 15

###### Second Semester

- 1 - ED F 425 Instructional Technology Strategies<sup>9</sup>
  - 9 - EDSEC 444 Teaching Internship in Secondary English<sup>9</sup>
  - 3 - EDSEC 454 Secondary English Capstone Sem.<sup>9</sup>
- 13
- 120 Total Semester Hours

<sup>1</sup>Two semesters (through 202) in the same modern foreign language are required.

<sup>2</sup>See General Education Requirements.

<sup>3</sup>ENGL 398, 399, 425, 426, 427, 455, or 463

<sup>4</sup>ENGL 435, 436, or 440

<sup>5</sup>ENGL 396, 397, 407, 408, 414, 415, 416, 417, 418, 444, or 464

<sup>6</sup>ENGL 350, 353, (HUM) 456, 482, or 483

<sup>7</sup>ENGL 357, 450, (COMM) 451, 452, or 453

<sup>8</sup>EDSEC 424 and READ 498 must be taken concurrently during fall semester of senior year.

<sup>9</sup>ED F 425, EDSEC 444, and 454 must be taken concurrently during spring semester of senior year.

**TEACHING AREA: HISTORY****Bachelor of Science****Freshman Year****First Semester**

- 1 - ED 105 Orientation to Education
  - 3 - ENGL 103 Accelerated Composition
  - 3 - GEOG 101 Introduction to Geography
  - 3 - HIST 122 History, Technology, and Society
  - 3 - MTHSC 101 Essential Math. for Informed Soc.
  - 4 - Natural Science Requirement<sup>1</sup>
- 17

**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 172 Western Civilization
  - 3 - PO SC 101 American National Government
  - 3 - Non-Western History Requirement<sup>2</sup>
- 18

**Second Semester**

- 3 - ECON 212 Principles of Macroeconomics
  - 1 - ED F (THRD) 315 Tech. Skills for Learning
  - 3 - HIST 102 History of the United States
  - 3 - HIST 173 Western Civilization
  - 3 - PO SC 102 Intro. to International Relations
  - 3 - Non-Western History Requirement<sup>2</sup>
- 16

**Junior Year****First Semester**

- 3 - ED F 301 Principles of American Education
  - 3 - ED F 335 Adolescent Growth and Development
  - 3 - ENGL 312 Advanced Composition
  - 3 - Non-Western History Requirement<sup>2</sup>
  - 3 - Teaching Major<sup>3</sup>
- 15

**Second Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*  
3 - COMM 250 Public Speaking
  - 3 - ED SP 370 Introduction to Special Education
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>
  - 6 - Teaching Major<sup>3</sup>
- 15

**Senior Year****First Semester**

- 1 - ED F 425 Instructional Technology Strategies<sup>4</sup>
  - 3 - ED F 490 Student Management and Discipline
  - 3 - EDSEC 428 Teaching Secondary Social Studies<sup>4</sup>
  - 3 - READ 498 Secondary Content Area Reading<sup>4</sup>
  - 3 - Teaching Major<sup>3</sup>
- 13

**Second Semester**

- 9 - EDSEC 448 Teaching Internship in  
Secondary Social Studies<sup>5</sup>
  - 3 - EDSEC 458 Secondary Social Studies  
Capstone Seminar<sup>5</sup>
- 12

124 Total Semester Hours

<sup>1</sup>See General Education Requirements.<sup>2</sup>See advisor.<sup>3</sup>See advisor. HIST 313 is recommended for those planning to teach in South Carolina. At least six hours in geography and history are required.

Geography—any 300–400-level GEOG course

History—HIST 299, 300, 301, 302, 303, 304, 305, 306, 308, 312, 313, 316, 325, 330, 333, 338, 339, 340, 351, 352, 354, 355, 361, 363, 365, 370, 372, 373, 374, 375, 378, 391, 400, 409, 438, 440, 450, 460, 470, 471, 493, or 494

<sup>4</sup>ED F 425, EDSEC 428, and READ 498 must be taken concurrently.<sup>5</sup>EDSEC 448 and 458 must be taken concurrently. Offered spring semester only.**TEACHING AREA:  
MATHEMATICS****Bachelor of Arts****Freshman Year****First Semester**

- 1 - ED 105 Orientation to Education
  - 3 - ENGL 103 Accelerated Composition
  - 4 - MTHSC 106 Calculus of One Variable I
  - 3 - Foreign Language Requirement<sup>1</sup>
  - 4 - Natural Science Requirement<sup>2</sup>
- 15

**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 - Cross-Cultural Awareness Requirement<sup>2</sup>
  - 3 - Foreign Language Requirement<sup>1</sup>
- 16

**Sophomore Year****First Semester**

- 3 - ECON 200 Economic Concepts *or*  
3 - ECON 211 Principles of Microeconomics
  - 3 - HIST 102 History of the United States
  - 4 - MTHSC 206 Calculus of Several Variables
  - 1 - MTHSC 250 Intro. to Mathematical Sciences
  - 3 - PHYS 122 Physics with Calculus I
  - 1 - PHYS 124 Physics Lab. I
  - 3 - Computer Science Requirement<sup>3</sup>
- 18

**Second Semester**

- 3 - ED F 302 Educational Psychology
  - 1 - ED F 315 (THRD) Tech. Skills for Learning
  - 4 - MTHSC 208 Intro. to Ordinary Diff. Equations
  - 3 - MTHSC 311 Linear Algebra
  - 3 - Arts and Humanities (Literature) Requirement<sup>4</sup>
  - 3 - Science and Tech. in Society Requirement<sup>2</sup>
- 17

**Junior Year****First Semester**

- 3 - COMM 250 Public Speaking
  - 3 - ED F 301 Principles of American Education
  - 3 - ENGL 314 Technical Writing
  - 3 - MTHSC 302 Statistics for Science and Engr.
  - 3 - MTHSC 308 College Geometry
- 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 408 Topics in Geometry
  - 3 - MTHSC 412 Introduction to Modern Algebra
- 15

**Senior Year****First Semester**

- 1 - ED F 425 Instructional Technology Strategies<sup>5</sup>
  - 3 - EDSEC 426 Teaching Secondary Mathematics<sup>5</sup>
  - 3 - MTHSC 400 Theory of Probability
  - 3 - MTHSC 453 Advanced Calculus I
  - 3 - READ 498 Secondary Content Area Reading<sup>5</sup>
  - 3 - Elective
- 16

**Second Semester**

- 9 - EDSEC 446 Teach. Internship in Sec. Math.<sup>6</sup>
  - 3 - EDSEC 456 Secondary Math. Capstone Sem.<sup>6</sup>
- 12
- 124 Total Semester Hours

<sup>1</sup>Two semesters (through 202) in any modern foreign language or American Sign Language are required.<sup>2</sup>See General Education Requirements.<sup>3</sup>CP SC 101, 111, or 120<sup>4</sup>ENGL 212, 213, 214, or 215<sup>5</sup>ED F 425, EDSEC 426, and READ 498 must be taken concurrently during fall semester.<sup>6</sup>EDSEC 446 and 456 must be taken concurrently. Offered spring semester only.**TEACHING AREA:****MODERN LANGUAGES**

(French, German, Spanish)

**Bachelor of Arts****Freshman Year****First Semester**

- 1 - ED 105 Orientation to Education
  - 3 - ENGL 103 Accelerated Composition
  - 3 - MTHSC 101 Essential Math. for Informed Soc.
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>
  - 3 - Foreign Language Requirement<sup>2</sup>
  - 4 - Natural Science Requirement<sup>3</sup>
- 17

**Second Semester**

- 3 - GEOG 103 World Regional Geography
  - 3 - HIST 172 or 173 Western Civilization *or*  
3 - HIST 193 Modern World History
  - 3 - Arts and Humanities (Literature) Requirement<sup>1</sup>
  - 3 - Foreign Language Requirement<sup>2</sup>
  - 3 - Mathematics or Natural Science Requirement<sup>3</sup>
  - 3 - Elective<sup>4</sup>
- 15-18

**Sophomore Year****First Semester**

- 3 - ED F 301 Principles of American Education  
 3 - Arts and Humanities Requirement<sup>5</sup>  
 3 - Science and Tech. in Society Requirement<sup>3</sup>  
 3 - Social Science Requirement<sup>6</sup>  
 3-6 - Teaching Major<sup>7</sup>  
 15-18

**Second Semester**

- 3 - ED F 302 Educational Psychology  
 1 - ED F 315 (THRD) Tech. Skills for Learning  
 3 - ENGL 314 Technical Writing *or*  
 3 - ENGL 316 Writing and International Trade  
 3 - Social Science Requirement<sup>6</sup>  
 6 - Teaching Major<sup>7</sup>  
 16

**Junior Year****First Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*  
 3 - COMM 250 Public Speaking  
 3 - ED F 334 Child Growth and Development  
 3 - ED F 335 Adolescent Growth and Development  
 6 - Teaching Major<sup>7</sup>  
 15

**Second Semester**

- 3 - Advanced Social Science Requirement<sup>8</sup>  
 3 - Arts and Humanities Requirement<sup>5</sup>  
 6-9 - Teaching Major<sup>7</sup>  
 12-15

**Senior Year****First Semester**

- 1 - ED F 425 Instructional Technology Strategies<sup>9</sup>  
 3 - ED SP 370 Introduction to Special Education  
 3 - EDSEC 425 Teaching Sec. Modern Languages<sup>9</sup>  
 3 - READ 498 Secondary Content Area Reading<sup>9</sup>  
 3 - Teaching Major<sup>7</sup>  
 3 - Elective<sup>4</sup>  
 13-16

**Second Semester**

- 12 - EDSEC 412 Directed Student Teaching in  
 Secondary School Subjects  
 12  
 121 Total Semester Hours

<sup>1</sup>Twelve credit hours of Arts and Humanities are required. At least three credit hours must be from 200-level ENGL literature courses, and at least three hours must be from Humanities (Non-Literature) courses. See General Education Requirements.

<sup>2</sup>Two semesters (through 202) in the major foreign language are required.

<sup>3</sup>See General Education Requirements.

<sup>4</sup>Electives required of French or German majors only.

<sup>5</sup>Select from General Education Arts and Humanities courses other than foreign language.

<sup>6</sup>See General Education Requirements. Select from courses in anthropology, economics (including AP EC), geography, political science, psychology, sociology.

<sup>7</sup>The teaching major requires 24 credits in French or German, or 30 credits in Spanish as listed.

*French*—FR 409 and 21 credits arranged as follows:

Group I—FR 300, 305, 307, 309

Group II—Nine credits at the 400 level, including at least one 400-level literature course

*German*—GER 305 or 306 and GER 340, and 18 credits arranged as follows:

Group I—GER 360, 361, 369

Group II—Nine credits from other 300–400-level courses, including at least one 400-level course

*Spanish*—30 credits arranged as follows:

Group I—SPAN 303, 311

Group II—Six credits from SPAN 307, 308, 435

Group III—SPAN 309, 314

Group IV—SPAN 409, 411, or six credits of equivalent courses abroad

Group V—Six credits from SPAN 398, 401, 403, 406, 407, 422, 498

<sup>8</sup>Select from 300- or 400-level courses in anthropology, economics, history, political science, psychology, or sociology.

<sup>9</sup>ED F 425, EDSEC 425, and READ 498 must be taken concurrently the semester prior to Directed Teaching.

**TEACHING AREA:  
POLITICAL SCIENCE****Bachelor of Science****Freshman Year****First Semester**

- 1 - ED 105 Orientation to Education  
 3 - ENGL 103 Accelerated Composition  
 3 - GEOG 101 Introduction to Geography  
 3 - HIST 122 History, Technology, and Society  
 3 - MTHSC 101 Essential Math. for Informed Soc.  
 4 - Natural Science Requirement<sup>1</sup>  
 17

**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 172 Western Civilization  
 3 - PO SC 101 American National Government  
 3 - Non-Western History Requirement<sup>2</sup>  
 18

**Second Semester**

- 3 - ECON 212 Principles of Macroeconomics  
 1 - ED F (THRD) 315 Tech. Skills for Learning  
 3 - HIST 102 History of the United States  
 3 - HIST 173 Western Civilization  
 3 - PO SC 102 Intro. to International Relations  
 3 - Non-Western History Requirement<sup>2</sup>  
 16

**Junior Year****First Semester**

- 3 - ED F 301 Principles of American Education  
 3 - ED F 335 Adolescent Growth and Development  
 3 - ENGL 312 Advanced Composition  
 3 - Non-Western History Requirement<sup>2</sup>  
 3 - Teaching Major<sup>3</sup>  
 15

**Second Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*  
 3 - COMM 250 Public Speaking  
 3 - ED SP 370 Introduction to Special Education  
 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>  
 6 - Teaching Major<sup>3</sup>  
 15

**Senior Year****First Semester**

- 1 - ED F 425 Instructional Technology Strategies<sup>4</sup>  
 3 - ED F 490 Student Management and Discipline  
 3 - EDSEC 428 Teaching Secondary Social Studies<sup>4</sup>  
 3 - READ 498 Secondary Content Area Reading<sup>4</sup>  
 3 - Teaching Major<sup>3</sup>  
 13

**Second Semester**

- 9 - EDSEC 448 Teaching Internship in  
 Secondary Social Studies<sup>5</sup>  
 3 - EDSEC 458 Secondary Social Studies  
 Capstone Seminar<sup>5</sup>  
 12

124 Total Semester Hours

<sup>1</sup>See General Education Requirements.

<sup>2</sup>See advisor.

<sup>3</sup>Select from the following, including at least one course from three of the following areas:

*American Government*—PO SC 403, 405, 416, 432, 433, 442  
*Comparative Politics*—PO SC 371, 459, 466, 471, 472, 473, 476, 477, 478

*International Relations*—PO SC 361, 362, 363, 428, 456

*Public Policy and Administration*—PO SC 302, 321, 421, 423, 424, 430

<sup>4</sup>ED F 425, EDSEC 428, and READ 498 must be taken concurrently.

<sup>5</sup>EDSEC 448 and 458 must be taken concurrently. Offered spring semester only.

**TEACHING AREA:  
PSYCHOLOGY****Bachelor of Science****Freshman Year****First Semester**

- 1 - ED 105 Orientation to Education  
 3 - ENGL 103 Accelerated Composition  
 3 - GEOG 101 Introduction to Geography  
 3 - HIST 122 History, Technology, and Society  
 3 - MTHSC 101 Essential Math. for Informed Soc.  
 4 - Natural Science Requirement<sup>1</sup>  
 17

**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 172 Western Civilization
  - 3 - PO SC 101 American National Government
  - 3 - Non-Western History Requirement<sup>2</sup>
- 18

**Second Semester**

- 3 - ECON 212 Principles of Macroeconomics
  - 1 - ED F (THRD) 315 Tech. Skills for Learning
  - 3 - HIST 102 History of the United States
  - 3 - HIST 173 Western Civilization
  - 3 - PO SC 102 Intro. to International Relations
  - 3 - Non-Western History Requirement<sup>2</sup>
- 16

**Junior Year****First Semester**

- 3 - ED F 301 Principles of American Education
  - 3 - ED F 335 Adolescent Growth and Development
  - 3 - ENGL 312 Advanced Composition
  - 3 - Non-Western History Requirement<sup>2</sup>
  - 3 - Teaching Major<sup>3</sup>
- 15

**Second Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*
  - 3 - COMM 250 Public Speaking
  - 3 - ED SP 370 Introduction to Special Education
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>
  - 6 - Teaching Major<sup>3</sup>
- 15

**Senior Year****First Semester**

- 1 - ED F 425 Instructional Technology Strategies<sup>4</sup>
  - 3 - ED F 490 Student Management and Discipline
  - 3 - EDSEC 428 Teaching Secondary Social Studies<sup>4</sup>
  - 3 - READ 498 Secondary Content Area Reading<sup>4</sup>
  - 3 - Teaching Major<sup>3</sup>
- 13

**Second Semester**

- 9 - EDSEC 448 Teaching Internship in Secondary Social Studies<sup>5</sup>
  - 3 - EDSEC 458 Secondary Social Studies Capstone Seminar<sup>5</sup>
- 12

124 Total Semester Hours

<sup>1</sup>See General Education Requirements.<sup>2</sup>See advisor.<sup>3</sup>Select from 300- and 400-level psychology courses.<sup>4</sup>ED F 425, EDSEC 428, and READ 498 must be taken concurrently.<sup>5</sup>EDSEC 448 and 458 must be taken concurrently. Offered spring semester only.**TEACHING AREA: SOCIOLOGY****Bachelor of Science****Freshman Year****First Semester**

- 1 - ED 105 Orientation to Education
  - 3 - ENGL 103 Accelerated Composition
  - 3 - GEOG 101 Introduction to Geography
  - 3 - HIST 122 History, Technology, and Society
  - 3 - MTHSC 101 Essential Math. for Informed Soc.
  - 4 - Natural Science Requirement<sup>1</sup>
- 17

**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 172 Western Civilization
  - 3 - PO SC 101 American National Government
  - 3 - Non-Western History Requirement<sup>2</sup>
- 18

**Second Semester**

- 3 - ECON 212 Principles of Macroeconomics
  - 1 - ED F (THRD) 315 Tech. Skills for Learning
  - 3 - HIST 102 History of the United States
  - 3 - HIST 173 Western Civilization
  - 3 - PO SC 102 Intro. to International Relations
  - 3 - Non-Western History Requirement<sup>2</sup>
- 16

**Junior Year****First Semester**

- 3 - ED F 301 Principles of American Education
  - 3 - ED F 335 Adolescent Growth and Development
  - 3 - ENGL 312 Advanced Composition
  - 3 - Non-Western History Requirement<sup>2</sup>
  - 3 - Teaching Major<sup>3</sup>
- 15

**Second Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*
  - 3 - COMM 250 Public Speaking
  - 3 - ED SP 370 Introduction to Special Education
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>
  - 6 - Teaching Major<sup>3</sup>
- 15

**Senior Year****First Semester**

- 1 - ED F 425 Instructional Technology Strategies<sup>4</sup>
  - 3 - ED F 490 Student Management and Discipline
  - 3 - EDSEC 428 Teaching Secondary Social Studies<sup>4</sup>
  - 3 - READ 498 Secondary Content Area Reading<sup>4</sup>
  - 3 - Teaching Major<sup>3</sup>
- 13

**Second Semester**

- 9 - EDSEC 448 Teaching Internship in Secondary Social Studies<sup>5</sup>
  - 3 - EDSEC 458 Secondary Social Studies Capstone Seminar<sup>5</sup>
- 12

124 Total Semester Hours

<sup>1</sup>See General Education Requirements.<sup>2</sup>See advisor.<sup>3</sup>Select from 300- and 400-level sociology courses.<sup>4</sup>ED F 425, EDSEC 428, and READ 498 must be taken concurrently.<sup>5</sup>EDSEC 448 and 458 must be taken concurrently. Offered spring semester only.**SPECIAL EDUCATION****Bachelor of Arts**

The Bachelor of Arts degree in Special Education prepares students to teach individuals 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**

- 1 - ED 105 Orientation to Education
  - 3 - HIST 122 History, Technology, and Society
  - 3 - Foreign Language Requirement<sup>1</sup>
  - 3 - Mathematics Requirement<sup>2</sup>
  - 4 - Natural Science Requirement<sup>3</sup>
- 14

**Second Semester**

- 3 - ENGL 103 Accelerated Composition
  - 3 - GEOG 103 World Regional Geography
  - 3 - Foreign Language Requirement<sup>1</sup>
  - 3 - Mathematics Requirement<sup>2</sup>
  - 4 - Natural Science Requirement<sup>3</sup>
- 16

**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 - ED F 334 Child Growth and Development
  - 3 - ED SP 370 Introduction to Special Education
  - 3 - Arts and Humanities (Literature) Requirement<sup>4</sup>
- 15

**Second Semester**

- 3 - ED F 302 Educational Psychology
  - 1 - ED F (THRD) 315 Tech. Skills for Learning
  - 3 - ED F 335 Adolescent Growth and Development
  - 3 - ED SP 468 Early Intervention for Infants and Children with Special Needs
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>5</sup>
  - 3 - History Requirement<sup>6</sup>
- 16

**Junior Year****First Semester**

- 3 - ED EL 452 Elem. Methods in Math. Teaching
  - 3 - ED EL 458 Health Education Methods for the Classroom Teacher
  - 1 - ED F 425 Instructional Technology Strategies<sup>7</sup>
  - 3 - ED SP 372 Char. and Ident. of and Strategies for Individuals with Learning Disabilities<sup>7</sup>
  - 3 - ED SP 374 Char. and Strat. for Individuals with Emotional/Behavioral Disorders<sup>7</sup>
  - 3 - Advanced Writing Requirement<sup>8</sup>
- 
- 16

**Second Semester**

- 3 - ED EL 451 Elem. Methods in Science Teaching
  - 3 - ED EL 487 Teaching Social Studies in the Elementary School
  - 3 - ED SP 373 Char. and Instruction of Individuals with Mental Retardation<sup>9</sup>
  - 3 - ED SP 491 Educational Assessment of Individuals with Disabilities<sup>9</sup>
  - 3 - READ 460 Teaching Reading in the Elementary Grades: 2–6
- 
- 15

**Senior Year****First Semester**

- 3 - ED SP 492 Mathematics Instruction for Individuals with Mild Disabilities<sup>10</sup>
  - 3 - ED SP 493 Classroom and Behavior Management for Special Educators<sup>10</sup>
  - 3 - ED SP 494 Teaching Reading to Students with Mild Disabilities<sup>10</sup>
  - 3 - ED SP 496 Special Educ. Field Experience<sup>10</sup>
  - 3 - ED SP 497 Secondary Methods for Individuals with Disabilities<sup>10</sup>
- 
- 15

**Second Semester**

- 3 - ED SP 495 Written Communication and Collaboration for the Resource Teacher<sup>11</sup>
  - 12 - ED SP 498 Directed Teaching in Special Ed.<sup>11</sup>
- 
- 15

122 Total Semester Hours

<sup>7</sup>Two semesters (through 202) in the same modern foreign language or American Sign Language are required.

<sup>8</sup>See advisor.

<sup>9</sup>One biological science and one physical science course, each with laboratory, must be selected from General Education Requirements. See advisor.

<sup>10</sup>ENGL 212, 213, 214, or 215

<sup>11</sup>See General Education Requirements.

<sup>12</sup>HIST 101, 102, 172, 173 or 193

<sup>7</sup>ED F 425, ED SP 372, and 374 must be taken concurrently during the fall semester of the junior year.

<sup>8</sup>ENGL 304, 312, or 314

<sup>9</sup>ED SP 373 and 491 must be taken concurrently during the spring semester of the junior year.

<sup>10</sup>ED SP 492, 493, 494, 496, and 497 must be taken concurrently during the fall semester of the senior year.

<sup>11</sup>ED SP 495 and 498 must be taken concurrently during the spring semester of the senior year.

**TECHNOLOGY AND HUMAN RESOURCE DEVELOPMENT****Bachelor of Science****INDUSTRIAL TECHNOLOGY EDUCATION CONCENTRATION**

The Industrial Technology Education Concentration is designed for students who plan to teach industrial technology in the secondary schools (grades 6–12). Industrial technology is the subject area in the public school system which provides youth with an interpretation of American industry. It is a general education subject designed to give students exploratory experience in the classroom and laboratory. Majors in this concentration are qualified to seek certification as secondary school teachers of industrial technology.

**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
  - 1 - ED 105 Orientation to Education
  - 3 - THRD 110 Introduction to Career and Technology Education
  - 3 - THRD 180 Introduction to Technical Drawing and Computer-Aided Drafting
  - 3-4 - Mathematics Requirement<sup>1</sup>
  - 1 - Elective
- 
- 15-16

**Second Semester**

- 3 - ENGL 103 Accelerated Composition
  - 3 - PSYCH 201 Introduction to Psychology
  - 3 - THRD 181 Technical Design
  - 3 - THRD 240 Power Technology I: Production
  - 3 - THRD 280 Communications Technology I: Processes and Materials
- 
- 15

**Sophomore Year****First Semester**

- 3 - THRD 220 Manufacturing Technology I: Systems
  - 3 - THRD 230 Construction Technology I: Materials
  - 3 - Arts and Humanities (Literature) Requirement<sup>2</sup>
  - 3 - Science and Tech. in Society Requirement<sup>3</sup>
  - 3 - Social Science Requirement<sup>3</sup>
- 
- 15

**Second Semester**

- 3 - A A H 210 Intro. to Art and Architecture *or*
  - 3 - MUSIC 210 Music Appreciation
  - 3 - COMM 150 Intro. to Human Communication
  - 3 - EX ST 301 Introductory Statistics
  - 3 - THRD 250 Electricity
  - 3 - Elective
- 
- 15

**Junior Year****First Semester**

- 3 - ED F 302 Educational Psychology
  - 3 - ED F 335 Adolescent Growth and Development
  - 3 - ENGL 314 Technical Writing
  - 3 - THRD 360 Safety
  - 3 - THRD 484 Communications Technology II: Systems
- 
- 15

**Second Semester**

- 3 - ED SP 370 Introduction to Special Education
  - 3 - THRD 420 Manufacturing II: Computer-Integrated Manufacturing
  - 3 - THRD 430 Construction Technology II: Practices and Systems
  - 3 - THRD 468 Public Relations
  - 3 - THRD 486 Instructional Media Development
- 
- 15

**Senior Year****First Semester**

- 3 - PSYCH 330 Motivation
  - 3 - THRD 415 History and Philosophy of Career and Technology Education
  - 3 - THRD 471 Teaching Career and Technology Education
  - 3 - THRD 473 Assessment in Career and Technology Education
  - 3 - Elective
- 
- 15

**Second Semester**

- 3 - THRD 371 Management of Career and Technology Education Laboratories
  - 6 - THRD 478 Internship in Career and Technology Education I
  - 6 - THRD 479 Internship in Career and Technology Education II
- 
- 15

120–121 Total Semester Hours

<sup>1</sup>MTHSC 101, 102, or 106

<sup>2</sup>Select any ENGL course from General Education Arts and Humanities (Literature) Requirement.

<sup>3</sup>See General Education Requirements.

**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 non-profit health agencies.

Plans of study can be arranged in health promotion and education, health services administration, and preprofessional health studies. Students in the Health 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 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 60).

Students with less than 50 credit hours earned may 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/WebSite/Home/Main.htm](http://www.hehd.clemson.edu/PublicHealth/WebSite/Home/Main.htm).

## HEALTH PROMOTION AND EDUCATION CONCENTRATION

### Freshman Year

#### First Semester

- 4 - BIOL 103 General Biology I *or*  
5 - BIOL 110 Principles of Biology I  
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 - Health Requirement<sup>1</sup>  
3-4 - Mathematics Requirement<sup>2</sup>  
3 - Social Science Requirement<sup>3</sup>  
4 - Elective  
16-17

### Sophomore Year

#### First Semester

- 4 - CH 101 General Chemistry *or*  
4 - CH 105 Begin. Gen. and Organic Chem.  
3 - HLTH 298 Human Health and Disease  
3 - NUTR 203 Principles of Human Nutrition  
3 - Guided Requirement<sup>4</sup>  
3 - Statistics Requirement<sup>5</sup>  
16

### Second Semester

- 4 - CH 102 General Chemistry *or*  
4 - CH 106 Begin. Gen. and Organic Chem.  
3 - HLTH 240 Determinants of Health Behavior  
1 - HLTH 398 Health Appraisal Skills  
3 - HLTH 490 Research and Evaluation  
Strategies for Public Health  
3 - PSYCH 340 Lifespan Developmental Psych.  
14

### Junior Year

#### First Semester

- 4 - BIOSC 222 Human Anatomy and Phys. I  
3 - ENGL 304 Business Writing *or*  
3 - ENGL 314 Technical Writing  
3 - HLTH 303 Public Health Communication  
3 - HLTH 340 Hlth. Promotion Program Planning  
3 - HLTH 380 Epidemiology  
1 - HLTH 419 Health Science Internship  
Preparation Seminar  
17

#### Second Semester

- 4 - BIOSC 223 Human Anatomy and Phys. II  
3 - COMM 250 Public Speaking  
3 - Arts and Humanities (Non-Lit.) Requirement<sup>3</sup>  
4 - Elective  
14

### Senior Year

#### First Semester

- 5 - HLTH 420 Health Science Internship<sup>6</sup>  
3 - HLTH 440 Managing Health Service Org.  
3 - HLTH 480 Community Health Promotion  
3 - Health Requirement<sup>1</sup>  
14

#### Second Semester

- 3 - Arts and Humanities (Literature) Requirement<sup>3</sup>  
6 - Guided Requirement<sup>4</sup>  
3 - Health Requirement<sup>1</sup>  
3 - Elective  
15

120–122 Total Semester Hours

<sup>1</sup>Any HLTH course

<sup>2</sup>MTHSC 101, 106, or 207

<sup>3</sup>See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.

<sup>4</sup>See advisor.

<sup>5</sup>EX ST 301, MTHSC 203, or 301

<sup>6</sup>Internship may be done fall, spring, or summer after completing HLTH 419. A grade-point ratio of 2.0 is required for registration.

#### Notes:

1. A minimum grade-point ratio of 2.0 is required for registration in each HLTH course.

2. Students who wish to pursue preprofessional options should take CH 101 and 102.

## 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<sup>1</sup>  
3 - Social Science Requirement<sup>2</sup>  
2 - Elective  
15

#### Second Semester

- 3 - ECON 212 Principles of Macroeconomics  
3 - ENGL 103 Accelerated Composition  
3 - HLTH 298 Human Health and Disease  
3 - MTHSC 102 Intro. to Math. Analysis *or*  
4 - MTHSC 106 Calculus of One Variable I  
3 - Guided Requirement<sup>3</sup>  
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 203 Overview of Health Care Systems  
3 - MTHSC 301 Statistical Methods I  
3 - Health Requirement<sup>4</sup>  
15

#### Second Semester

- 3 - HLTH 240 Determinants of Health Behavior  
3 - HLTH 490 Research and Evaluation  
Strategies for Public Health  
3 - MGT 201 Principles of Management  
3 - Guided Requirement<sup>3</sup>  
3 - Social Science Requirement<sup>2</sup>  
15

### Junior Year

#### First Semester

- 3 - ENGL 304 Business Writing *or*  
3 - ENGL 314 Technical Writing  
3 - HLTH 380 Epidemiology  
3 - LAW 322 Legal Environment of Business  
3 - MKT 301 Principles of Marketing  
3 - Guided Requirement<sup>3</sup>  
15

#### Second Semester

- 3 - COMM 250 Public Speaking  
1 - HLTH 419 Health Science Internship  
Preparation Seminar  
3 - Arts and Humanities (Literature) Requirement<sup>2</sup>  
3 - Guided Requirement<sup>3</sup>  
3 - Health Requirement<sup>4</sup>  
3 - Elective  
16

### Senior Year

#### First Semester

- 3 - FIN 306 Corporation Finance  
5 - HLTH 420 Health Science Internship<sup>5</sup>  
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<sup>2</sup>
- 3 - Guided Requirement<sup>3</sup>

15

120–121 Total Semester Hours

<sup>1</sup>BIOL 103, 110, CH 101, 105, PHYS 122/124, or 207/209

<sup>2</sup>See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.

<sup>3</sup>See advisor. Courses in Spanish are strongly recommended.

<sup>4</sup>Any HLTH course

<sup>5</sup>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.

## PREPROFESSIONAL HEALTH STUDIES CONCENTRATION

**Freshman Year****First Semester**

- 4 - BIOL 103 General Biology I *or*
  - 5 - BIOL 110 Principles of Biology I
  - 4 - CH 101 General Chemistry I
  - 3 - HLTH 202 Introduction to Public Health
  - 3 - Social Science Requirement<sup>1</sup>
- 14-15

**Second Semester**

- 4 - BIOL 104 General Biology II *or*
  - 5 - BIOL 111 Principles of Biology II
  - 4 - CH 102 General Chemistry II
  - 3 - ENGL 103 Accelerated Composition
  - 3 - Guided Requirement<sup>2</sup>
  - 3-4 - Mathematics Requirement<sup>3</sup>
- 17-19

**Sophomore Year****First Semester**

- 4 - BIOSC 222 Human Anatomy and Phys. I
  - 3 - HLTH 298 Human Health and Disease
  - 3 - Guided Requirement<sup>2</sup>
  - 3 - Health Requirement<sup>4</sup>
  - 3 - Statistics Requirement<sup>5</sup>
- 16

**Second Semester**

- 4 - BIOSC 223 Human Anatomy and Phys. II
  - 3 - HLTH 240 Determinants of Health Behavior
  - 3 - HLTH 490 Research and Evaluation Strategies for Public Health
  - 3 - Social Science Requirement<sup>1</sup>
  - 1 - Elective
- 14

**Junior Year****First Semester**

- 3 - ENGL 304 Business Writing *or*
  - 3 - ENGL 314 Technical Writing
  - 3 - HLTH 380 Epidemiology
  - 1 - HLTH 419 Health Science Internship Preparation Seminar
  - 3 - PHYS 207 General Physics I
  - 1 - PHYS 209 General Physics I Lab.
  - 4 - Guided Requirement<sup>2</sup>
- 15

**Second Semester**

- 3 - COMM 250 Public Speaking
  - 3 - PHYS 208 General Physics II
  - 1 - PHYS 210 General Physics II Lab.
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>
  - 4 - Guided Requirement<sup>2</sup>
  - 1 - Elective
- 15

**Senior Year****First Semester**

- 5 - HLTH 420 Health Science Internship<sup>6</sup>
  - 3 - Arts and Humanities (Literature) Requirement<sup>1</sup>
  - 3 - Health Requirement<sup>4</sup>
  - 6 - Elective<sup>7</sup>
- 17

**Second Semester**

- 3 - HLTH 440 Managing Health Service Org.
  - 3 - Health Requirement<sup>4</sup>
  - 6 - Elective<sup>7</sup>
- 12

120–123 Total Semester Hours

<sup>1</sup>See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.

<sup>2</sup>See advisor. Courses in Spanish are strongly recommended.

<sup>3</sup>MTHSC 101, 106, or 207

<sup>4</sup>Any HLTH course

<sup>5</sup>EX ST 301, MTHSC 203, or 301

<sup>6</sup>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.

<sup>7</sup>Physician's Assistant, predentistry, and premedicine students may also need BIOCH 301 and eight credit hours of organic chemistry. Some programs also require a course in microbiology.

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 60 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.

Nursing majors are required to carry, throughout the clinical laboratory period, current and valid student nurses' professional liability insurance with minimum limits of liability of \$1,000,000 per occurrence and \$3,000,000 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* which can be found at [www.hehd.clemson.edu/nursing](http://www.hehd.clemson.edu/nursing).

The School of Nursing programs are accredited by the National League for Nursing Accrediting Commission, 350 Hudson St., New York, NY 10014; telephone (212) 989-9393, extension 451/153.

**Entrance Requirements**

To facilitate admission of students who can achieve at an appropriate level in the program, admission is selective. Consideration is given to performance in secondary school and on the College Board Examination (SAT). Those seeking admission are advised to apply to the University early in the fall of the senior year in high school.

Transfer admission is competitive and 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 should have a minimum grade point ratio of 3.0 and completion of 30 semester hours of transferable courses. Placement in the nursing curriculum will be determined after credit evaluation is completed.

Students may change majors into Nursing based on approval of a committee of faculty from the School of Nursing. Applications are accepted each year during January with a deadline of January 31. Decisions are made by February 28. The School of Nursing accepts 48 changes of major per year with 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 twice. Detailed information is available from the Academic Advising Center in 309 Edwards Hall or at [www.hehd.clemson.edu/nursing](http://www.hehd.clemson.edu/nursing).

## Freshman Year

### First Semester

4 - BIOL 103 General Biology I  
3 - MTHSC 101 Essential Math. for Informed Soc.  
3 - NURS 140 Computer Appl. in Health Care  
3 - SOC 201 Introduction to Sociology  
2 - Elective<sup>1</sup>  
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<sup>2</sup>  
16

## Sophomore Year

### First Semester

4 - BIOSC 222 Human Anatomy and Phys. I  
4 - MICRO 205 Introductory Microbiology  
3 - Arts and Humanities (Literature) Requirement<sup>2</sup>  
3 - Cross-Cultural Awareness Requirement<sup>2,3</sup>  
14

### Second Semester

4 - BIOSC 223 Human Anatomy and Phys. II  
3 - COMM 150 Intro. to Human Comm. *or*  
3 - COMM 250 Public Speaking  
2 - NURS 320 Professionalism in Nursing  
3 - Nutrition Requirement<sup>4</sup>  
3 - Science and Tech. in Society Requirement<sup>2</sup>  
15

## Junior Year

### First Semester

3 - ENGL 304 Business Writing *or*  
3 - ENGL 314 Technical Writing  
3 - NURS 304 Pathophysiology for Health Care Professionals  
3 - NURS 310 Health Assessment  
4 - NURS 312 Therapeutic Nursing Interventions  
3 - NURS 340 Pharmacotherapeutic Nursing Interventions  
16

### Second Semester

7 - NURS 303 Nursing of Adults  
3 - NURS 305 Psychosocial Nursing  
2 - NURS 311 Intro. to Community Nursing  
2 - NURS 323 Gerontology Nursing  
3 - NURS 330 Research in Nursing  
17

## Senior Year

### First Semester

5 - NURS 401 Mental Health Nursing  
5 - NURS 411 Nursing Care of Children  
5 - NURS 412 Nursing Care of Women and Their Families  
15

## Second Semester

5 - NURS 403 Complex Nursing of Adults  
3 - NURS 405 Leadership and Mgt. in Nursing  
3 - NURS 408 Senior Nursing Practicum  
4 - NURS 415 Community Health Nursing  
15

123 Total Semester Hours

<sup>1</sup>C U 101 is recommended.

<sup>2</sup>See General Education Requirements.

<sup>3</sup>If this requirement is satisfied by another course in the curriculum, elective hours may be substituted.

<sup>4</sup>See advisor.

Notes:

1. A minimum grade of a C is required in all science and nursing courses for progression to the next level.
2. A minimum grade-point ratio of 2.5 is required in all courses for progression to junior year nursing courses.
3. A minimum grade-point ratio of 2.5 must be achieved in all required nursing courses for progression to the next level. Students may not exceed a maximum of two attempts, excluding a W, to complete successfully any NURS course.
4. Students must pass didactic and clinical components to pass all clinical courses.
5. A minimum grade-point ratio of 2.5 is required for registration in each nursing course.

## 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

4 - CH 101 General Chemistry  
3 - MTHSC 101 Essential Math. for Informed Soc.  
3 - NURS 140 Computer Appl. in Health Care  
3 - SOC 201 Introduction to Sociology  
3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>  
16

### Second Semester

4 - BIOL 103 General Biology I  
3 - ENGL 103 Accelerated Composition  
3 - MTHSC 203 Elementary Statistical Inference  
3 - PSYCH 201 Introduction to Psychology  
3 - Elective  
16

## Sophomore Year

### First Semester

4 - BIOSC 222 Human Anatomy and Phys. I  
4 - MICRO 205 Introductory Microbiology  
3 - Arts and Humanities (Literature) Requirement<sup>1</sup>  
3 - Science and Tech. in Society Requirement<sup>1</sup>  
14

## Second Semester

4 - BIOSC 223 Human Anatomy and Phys. II  
3 - COMM 150 Intro. to Human Comm. *or*  
3 - COMM 250 Public Speaking  
3 - Nutrition Requirement<sup>2</sup>  
2 - Elective  
12

## Junior Year

### First Semester

3 - NURS 304 Pathophysiology for Health Care Professionals  
5 - NURS 307 Family Nursing in the Community  
4 - NURS 312 Therapeutic Nursing Interventions<sup>3</sup>  
5 - NURS 411 Nursing Care of Children<sup>3</sup>  
17

### Second Semester

7 - NURS 303 Nursing of Adults<sup>3</sup>  
4 - NURS 313 Health Assess. Through Lifespan  
3 - NURS 330 Research in Nursing  
5 - NURS 401 Mental Health Nursing<sup>3</sup>  
19

## Senior Year

### First Semester

3 - ENGL 304 Business Writing *or*  
3 - ENGL 314 Technical Writing  
5 - NURS 403 Complex Nursing of Adults<sup>3</sup>  
3 - NURS 406 Issues in Professionalism  
5 - NURS 412 Nursing Care of Women and Their Families<sup>3</sup>  
16

### Second Semester

3 - NURS 405 Leadership and Mgt. in Nursing  
4 - NURS 415 Community Health Nursing  
6 - Departmental Requirement<sup>2</sup>  
13

123 Total Semester Hours

<sup>1</sup>See General Education Requirements. Three of these credit hours must also satisfy the Cross-Cultural Awareness Requirement.

<sup>2</sup>See advisor.

<sup>3</sup>This course is exempt if the student achieves a B or better in NURS 307.

Notes:

1. A minimum grade-point ratio of 2.5 is required in all courses for progression to junior year nursing courses.
2. A minimum grade-point ratio of 2.5 must be achieved in all required nursing courses for progression to the next level. Students may not exceed a maximum of two attempts, excluding a W, to complete successfully any NURS course.
3. Students must pass didactic and clinical components to pass all clinical courses.
4. A minimum grade-point ratio of 2.5 is required for registration in each nursing course.

## 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 undergraduate 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 flexible 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, at least 30 credit hours earned, and approval of the department chair or his/her designee.

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

*Note:* Students may complete only two 300–400-level PRTM courses before the end of their fourth semester. To enroll in any additional 300–400-level PRTM courses, students must first complete ENGL 103 and all General Education Mathematical, Scientific, and Technological Literacy and Social Science Requirements.

## 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 - 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
  - 2 - C U 101 University Success Skills
  - 3 - ECON 211 Principles of Microeconomics *or*
  - 3 - ECON 212 Principles of Macroeconomics
  - 3 - PRTM 101 Concepts of Leisure
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>
- 
- 15

#### Second Semester

- 3 - ENGL 103 Accelerated Composition
  - 3 - PRTM 205 Program and Event Planning
  - 3 - PSYCH 201 Introduction to Psychology *or*
  - 3 - SOC 201 Introduction to Sociology
  - 3 - Mathematics or Natural Science Requirement<sup>1</sup>
  - 3 - Elective
- 
- 15

### Sophomore Year

#### First Semester

- 3 - ACCT 201 Financial Accounting Concepts
  - 3 - PRTM 201 Recreation/Leisure Environment
  - 1 - PRTM 206 Practicum I
  - 3 - PRTM 241 Introduction to Community Recreation, Sport, and Camp Management
  - 3 - PRTM 308 Leadership and Group Proc. in Rec.
  - 3 - Elective
- 
- 16

#### Second Semester

- 3 - EX ST 301 Introductory Statistics
  - 3 - MKT 301 Principles of Marketing *or*
  - 3 - PRTM 344 Tourism Markets and Supply
  - 1 - PRTM 207 Practicum II
  - 3 - PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
  - 3 - Approved Requirement<sup>2</sup>
  - 3 - Arts and Humanities (Literature) Requirement<sup>1</sup>
- 
- 16

### Junior Year

#### First Semester

- 3 - COMM 250 Public Speaking
  - 3 - LAW 322 Legal Environment of Business
  - 3 - PRTM 307 Facility Planning and Operations
  - 3 - PRTM 321 Recreation Administration
  - 1 - PRTM 404 Field Training I
  - 3 - Advanced Writing Requirement<sup>1</sup>
- 
- 16

#### Second Semester

- 3 - PRTM 305 Safety and Risk Mgt. in PRTM
  - 3 - PRTM 309 Behavioral Concepts in PRTM
  - 3 - PRTM 407 Personnel Administration in PRTM
  - 6 - Approved Requirement<sup>2</sup>
- 
- 15

### Summer

- 6 - PRTM 405 Field Training II<sup>3</sup>

### Senior Year

#### First Semester

- 3 - PRTM 409 Methods of Recreation Research I
  - 3 - PRTM 441 Commercial Recreation
  - 3 - Approved Requirement<sup>2</sup>
  - 3 - Human Growth and Development Requirement<sup>4</sup>
- 
- 12

#### Second Semester

- 3 - PRTM 421 Recreation Financial Resources Management
  - 3 - PRTM 455 Advanced Program Planning
  - 3 - Approved Requirement<sup>2</sup>
  - 3 - Elective
- 
- 12

123 Total Semester Hours

<sup>1</sup>See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.

<sup>2</sup>See advisor.

<sup>3</sup>Prior to enrolling in PRTM 405, CRSCM students must have notified their advisor of which of the three options available within the Approved Requirement they plan to complete.

<sup>4</sup>PSYCH 340, 344, or 345

## 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, students typically complete a minor field of study in forest resource management, wildlife and fisheries biology, history, or anthropology.

**Freshman Year****First Semester**

- 3 - ANTH 201 Introduction to Anthropology *or*
  - 3 - GEOG 101 Introduction to Geography
  - 4 - BIOL 103 General Biology I
  - 2 - C U 101 University Success Skills
  - 3 - PRTM 101 Concepts of Leisure
  - 3 - PSYCH 201 Introduction to Psychology *or*
  - 3 - SOC 201 Introduction to Sociology
- 

**Second Semester**

- 4 - BIOL 104 General Biology II
  - 3 - ENGL 103 Accelerated Composition
  - 3 - PRTM 205 Program and Event Planning
  - 3 - Mathematics or Natural Science Requirement<sup>1</sup>
  - 2 - Elective
- 

**Sophomore Year****First Semester**

- 3 - ENGL 214 American Literature
  - 3 - PRTM 201 Recreation/Leisure Environment
  - 1 - PRTM 206 Practicum I
  - 3 - PRTM 270 Intro. to Recreation Resources Mgt.
  - 3 - PRTM 307 Facility Planning and Operations
  - 1 - Elective
- 

**Second Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*
  - 3 - COMM 250 Public Speaking
  - 3 - EX ST 301 Introductory Statistics
  - 1 - PRTM 207 Practicum II
  - 3 - PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
  - 3 - PRTM 308 Leadership and Group Proc. in Rec.
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>
- 

**Junior Year****First Semester**

- 3 - AP EC 257 Nat. Res., Environment, and Econ.
  - 3 - PRTM 321 Recreation Administration
  - 3 - PRTM 330 Visitor Services and Interpretation
  - 1 - PRTM 404 Field Training I
  - 3 - Approved Requirement<sup>2</sup>
  - 2 - Elective
- 

**Second Semester**

- 3 - ENGL 314 Technical Writing
  - 3 - PRTM 305 Safety and Risk Mgt. in PRTM
  - 3 - PRTM 309 Behavioral Concepts in PRTM
  - 3 - PRTM 320 Recreation Policymaking
  - 3 - Approved Requirement<sup>2</sup>
- 

**Summer**

- 6 - PRTM 405 Field Training II

**Senior Year****First Semester**

- 3 - PRTM 403 Elements of Rec. and Park Planning
  - 3 - PRTM 409 Methods of Recreation Research I
  - 6 - Approved Requirement<sup>2</sup>
  - 3 - Planning Requirement<sup>3</sup>
- 

**Second Semester**

- 3 - PRTM 431 Methods of Environmental Interpretation
  - 3 - PRTM 474 Adv. Recreation Resources Mgt.
  - 3 - Approved Requirement<sup>2</sup>
  - 3 - Elective
- 

123 Total Semester Hours

<sup>1</sup>See General Education Requirements. Three of these credit hours must also satisfy the Science and Technology in Society Requirement; and, if ANTH 201 is not taken, three credits must also satisfy the Cross-Cultural Awareness Requirement.

<sup>2</sup>See advisor.

<sup>3</sup>C R P 401, 434, FOR (E N R) 434, PRTM 343, or W F B (BIOSC) 313

**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 101 Concepts of Leisure
  - 3 - PRTM 281 Introduction to Golf Management
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>
  - 3 - Elective
- 

**Second Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*
  - 3 - COMM 250 Public Speaking
  - 3 - ENGL 103 Accelerated Composition
  - 3 - EX ST 301 Introductory Statistics
  - 3 - PRTM 205 Program and Event Planning
  - 3 - PRTM 282 Principles of Golfer Development
  - 1 - PRTM 295 Seminar I
- 

**Summer**

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

**Sophomore Year****First Semester**

- 3 - ACCT 201 Financial Accounting Concepts
  - 3 - ECON 211 Principles of Microeconomics
  - 3 - MGT 201 Principles of Management
  - 3 - PRTM 201 Recreation/Leisure Environment
  - 3 - Arts and Humanities (Literature) Requirement<sup>1</sup>
- 

**Second Semester**

- 3 - ACCT 202 Managerial Accounting Concepts
  - 3 - ECON 212 Principles of Macroeconomics
  - 3 - PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
  - 3 - PRTM 283 Adv. Methods of Teaching Golf
  - 3 - PRTM 308 Leadership and Group Proc. in Rec.
- 

**Summer**

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

**Junior Year****First Semester**

- 0 - CO-OP 103 Cooperative Education

**Second Semester**

- 3 - ENGL 304 Business Writing
  - 3 - PRTM 321 Recreation Administration
  - 3 - PRTM 344 Tourism Markets and Supply
  - 3 - PRTM 383 Golf Shop Operations
  - 3 - PSYCH 201 Introduction to Psychology
  - 3 - Elective
- 

**Senior Year****First Semester**

- 3 - HORT 212 Introduction to Turfgrass Culture
  - 1 - HORT 213 Turfgrass Culture Lab.
  - 3 - LAW 322 Legal Environment of Business
  - 3 - PRTM 309 Behavioral Concepts in PRTM
  - 1 - PRTM 395 PGM Seminar II
  - 1 - PRTM 404 Field Training I
  - 3 - PRTM 483 Golf Club Mgt. and Operations
  - 3 - Mathematics or Natural Science Requirement<sup>1</sup>
- 

**Second Semester**

- 0 - CO-OP 104 Cooperative Education
  - 6 - PRTM 405 Field Training II
- 

**Summer**

- 0 - CO-OP 105 Cooperative Education

**Fifth Year****First Semester**

- 3 - FD SC 307 Restaurant Food Service Mgt.
  - 3 - FIN 306 Corporation Finance
  - 3 - MKT 301 Principles of Marketing
  - 3 - PRTM 409 Methods of Recreation Research I
  - 1 - PRTM 495 PGM Seminar III
  - 3 - Elective
- 

122 Total Semester Hours

<sup>1</sup>See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.

## 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

- 4 - BIOL 103 General Biology I *or*
  - 5 - BIOL 110 Principles of Biology I
  - 2 - C U 101 University Success Skills
  - 3 - PRTM 101 Concepts of Leisure
  - 3 - PSYCH 201 Introduction to Psychology
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>
- 15-16

#### Second Semester

- 3 - ENGL 103 Accelerated Composition
  - 3 - PRTM 205 Program and Event Planning
  - 3 - SOC 201 Introduction to Sociology
  - 3 - Mathematics or Natural Science Requirement<sup>1</sup>
  - 3 - Elective
- 15

### Sophomore Year

#### First Semester

- 3 - PRTM 201 Recreation/Leisure Environment
  - 1 - PRTM 206 Practicum I
  - 3 - PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
  - 3 - Arts and Humanities (Literature) Requirement<sup>1</sup>
  - 4 - Science Requirement<sup>2</sup>
- 14

#### Second Semester

- 3 - COMM 150 Intro. to Human Comm. *or*
  - 3 - COMM 250 Public Speaking
  - 3 - EX ST 301 Introductory Statistics
  - 1 - PRTM 207 Practicum II
  - 3 - PRTM 308 Leadership and Group Proc. in Rec.
  - 3 - PRTM 311 Therapeutic Recreation
  - 3 - Elective
- 16

### Junior Year

#### First Semester

- 3 - PRTM 321 Recreation Administration
  - 1 - PRTM 404 Field Training I
  - 4 - PRTM 417 Therapeutic Recreation Processes I
  - 3 - PSYCH 340 Lifespan Developmental Psych.
  - 3 - Population Specific Course<sup>2</sup>
- 14

#### Second Semester

- 3 - PRTM 317 Group Initiatives
  - 4 - PRTM 418 Therapeutic Recreation Processes II
  - 6 - Approved Requirement<sup>2</sup>
  - 3 - Population Specific Course<sup>2</sup>
- 16

### Summer

- 6 - PRTM 405 Field Training II<sup>3</sup>

### Senior Year

#### First Semester

- 3 - PRTM 409 Methods of Recreation Research I
  - 3 - PRTM 420 Therapeutic Rec. Trends and Issues
  - 3 - PSYCH 483 Abnormal Psychology
  - 3 - Advanced Writing Requirement<sup>1</sup>
  - 3 - Elective
- 15

#### Second Semester

- 3 - PRTM 309 Behavioral Concepts in PRTM
  - 1 - PRTM 490 Senior Independent Study
  - 6 - Approved Requirement<sup>2</sup>
  - 3 - Elective
- 13

124–125 Total Semester Hours

<sup>1</sup>See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.

<sup>2</sup>See advisor.

<sup>3</sup>Prior to enrolling in PRTM 405, students must (1) have completed all therapeutic recreation courses excluding PRTM 420 and 490; (2) have completed both Population Specific Courses; and (3) have a signed contract with a site that employs a full-time and currently-certified CTRS who has agreed to serve as the student's supervisor for a 480-hour internship, typically consisting of 40 hours per week for 12 weeks.

## 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 - MTHSC 101 Essential Math. for Informed Soc.
  - 3 - PRTM 101 Concepts of Leisure
  - 4 - Natural Science Requirement<sup>1</sup>
- 15

#### Second Semester

- 3 - COMM 250 Public Speaking
  - 3 - ENGL 103 Accelerated Composition
  - 3 - EX ST 301 Introductory Statistics
  - 3 - PRTM 205 Program and Event Planning
  - 3 - Elective
- 15

### Sophomore Year

#### First Semester

- 3 - ACCT 201 Financial Accounting Concepts
  - 3 - ECON 211 Principles of Microeconomics
  - 3 - PRTM 201 Recreation/Leisure Environment
  - 1 - PRTM 206 Practicum I
  - 3 - PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
  - 3 - PRTM 342 Introduction to Tourism
- 16

#### Second Semester

- 3 - ECON 212 Principles of Macroeconomics
  - 3 - MKT 301 Principles of Marketing
  - 1 - PRTM 207 Practicum II
  - 3 - PRTM 308 Leadership and Group Proc. in Rec.
  - 3 - Approved Requirement<sup>2</sup>
  - 3 - Arts and Humanities (Literature) Requirement<sup>3</sup>
- 16

### Junior Year

#### First Semester

- 3 - LAW 322 Legal Environment of Business
  - 3 - PRTM 321 Recreation Administration
  - 3 - PRTM 343 Spatial Aspects of Tourist Behavior
  - 1 - PRTM 404 Field Training I
  - 3 - Advanced Writing Requirement<sup>3</sup>
  - 3 - Approved Requirement<sup>2</sup>
- 16

#### Second Semester

- 3 - PRTM 305 Safety and Risk Mgt. in PRTM
  - 3 - PRTM 309 Behavioral Concepts in PRTM
  - 3 - PRTM 344 Tourism Markets and Supply
  - 1 - PRTM 349 Survey of Tourism Sites
  - 3 - Approved Requirement<sup>2</sup>
  - 3 - Elective
- 16

### Summer

- 6 - PRTM 405 Field Training II

### Senior Year

#### First Semester

- 3 - PHIL 324 Philosophy of Technology *or*
  - 3 - PHIL 326 Science and Values *or*
  - 3 - PHIL 345 Environmental Ethics
  - 3 - PRTM 409 Methods of Recreation Research I
  - 3 - PRTM (GEOG) 430 World Geography of Parks and Equivalent Reserves *or*
  - 3 - PRTM 447 Perspectives on Inter. Travel
  - 3 - PRTM 446 Community Tourism Development
- 12

#### Second Semester

- 3 - AP EC 351 Principles of Advertising
  - 6 - Approved Requirement<sup>2</sup>
  - 3 - Elective
- 12

124 Total Semester Hours

<sup>1</sup>BIOL 120 and 121, 122, 123, or 124; or GEOL 101 and 103

<sup>2</sup>See advisor.

<sup>3</sup>See General Education Requirements.

## 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	Human Resource Management
Adult/Extension Education	Legal Studies
Aerospace Studies	Management
Agricultural Business Management	Mathematical Sciences— <i>not open to Mathematics Teaching or Secondary Education—Mathematics majors</i>
Agricultural Mechanization and Business	Microbiology
American Sign Language Studies	Military Leadership
Animal and Veterinary Sciences	Modern Languages— <i>not open to Secondary Education—Modern Languages majors</i>
Anthropology	Music
Athletic Leadership	Natural Resource Economics
Biochemistry	Nonprofit Leadership
Bioengineering	Operations Management
Biological Sciences— <i>not open to Science Teaching—Biological Sciences majors</i>	Packaging Science
Business Administration	Pan African Studies
Chemistry	Park and Protected Area Management
Cluster	Philosophy
Communication Studies	Physics— <i>not open to Science Teaching—Physical Sciences majors</i>
Communications	Plant Pathology
Community Recreation Management	Political Science— <i>not open to Secondary Education—Political Science majors</i>
Computer Science	Poultry Science
Crop and Soil Environmental Science	Psychology— <i>not open to Secondary Education—Psychology majors</i>
East Asian Studies	Public Policy
Economics— <i>not open to Secondary Education—Economics majors</i>	Religion
Education	Russian Area Studies
English	Science and Technology in Society
Entomology	Screenwriting
Entrepreneurship	Sociology— <i>not open to Secondary Education—Sociology majors</i>
Environmental Engineering	Spanish-American Area Studies
Environmental Science and Policy	Sport Management
Equine Business	Textiles
Film Studies	Theatre
Financial Management	Therapeutic Recreation
Fine Arts	Travel and Tourism
Food Science	Turfgrass
Forest Products	Urban Forestry
Forest Resource Management	Wildlife and Fisheries Biology
Genetics	Women's Studies
Geography	Writing
Geology	
Global Politics	
Great Works	
Health Science	
History— <i>not open to Secondary Education—History majors</i>	
Horticulture	

See pages 36-39 for details.