

# COLLEGE OF HEALTH, EDUCATION, AND HUMAN DEVELOPMENT

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

Students may transfer into the Undeclared category while pursuing a change of major into a restrictive major within the College of Health, Education, and Human Development only if they have completed 45 or fewer credit hours. Students should contact the HEHD Advising Center in 309 Edwards Hall for information.

## EUGENE T. MOORE SCHOOL OF EDUCATION

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

## TEACHER EDUCATION PROGRAMS

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

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

The Teacher Education Programs are accredited by the National Council for the Accreditation of Teacher Education (NCATE) for the preparation of educational personnel in South Carolina in Early Childhood, Elementary, Special Education, and secondary school programs in Agriculture, Biological Sciences, English, Mathematics, Modern Languages (French and Spanish), Physical Sciences, Social Sciences (Economics, History, Political Science, Psychology, and Sociology), and Career and 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. A student may exempt the PPST by meeting minimum ACT or SAT requirements as determined each year by the South Carolina Department of Education.

**Directed Teaching/Teaching Internship (Secondary)**—A student shall apply to the field experience director prior to the semester in which block methods courses are to be scheduled. The following conditions must be met prior to registration for directed teaching: (1) admission to the professional level of a program; (2) completion of at least 95 semester hours; (3) a minimum cumulative grade-point ratio of 2.5. Students with a grade-point ratio of 2.25 to 2.5 may appeal to the 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.

### Change of Major

Changing majors into Education is highly competitive and limited in Early Childhood Education and somewhat competitive and limited in Elementary Education, Secondary Education–Social Studies, and Secondary Education–English. The process involves a formal application and an essay. Requests for a change of major application can be made at the Health, Education, and Human Development

Academic Advising Center in 309 Edwards Hall and should be accompanied by an advising appointment with an advisor.

### Graduation

To graduate, a student must have scores for all state-mandated certification exams on file with the Academic Advising Center in the College of Health, Education, and Human Development. As of July 2006, students must pass all required Praxis II tests, including PLT (Principles of Learning and Teaching), before 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 40 for the curriculum.

## CAREER AND TECHNOLOGY EDUCATION

### Bachelor of Science

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

**Second Semester**

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

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

- 3 - CTE 220 Manufacturing Technology I: Systems
  - 3 - CTE 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>
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**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 - CTE 250 Electricity
  - 3 - EX ST 301 Introductory Statistics
  - 3 - Elective
- 

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

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

**Second Semester**

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

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

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

**Second Semester**

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

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.**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 The West and the World II
  - 3 - MTHSC 101 Essential Math. for Informed Soc.
  - 3 - Foreign Language Requirement<sup>1</sup>
  - 4 - Natural Science Requirement<sup>2</sup>
  - 1 - Elective
- 

**Second Semester**

- 3 - A A H 210 Intro. to Art and Architecture
  - 3 - COMM 150 Intro. to Human Comm. or 3 - COMM 250 Public Speaking
  - 3 - ENGL 103 Accelerated Composition
  - 3 - MTHSC 117 Mathematics for Elementary School Teachers I
  - 3 - Foreign Language Requirement<sup>1</sup>
- 

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

- 3 - ED EC 220 Family, School, and Community Relationships
  - 3 - GEOG 103 World Regional Geography
  - 3 - MTHSC 118 Mathematics for Elementary School Teachers II
  - 3 - Arts and Humanities (Literature) Requirement<sup>3</sup>
  - 4 - Natural Science Requirement<sup>2</sup>
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**Second Semester**

- 3 - ED F 301 Principles of American Education
  - 1 - ED F (CTE) 315 Tech. Skills for Learning
  - 3 - ED F 334 Child Growth and Development
  - 3 - PSYCH 201 Introduction to Psychology
  - 3 - Music Requirement<sup>4</sup>
  - 3 - Science and Tech. in Society Requirement<sup>5</sup>
- 

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

- 3 - CTE 310 Designing Creative Instruction
  - 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 - Advanced Writing Requirement<sup>6</sup>
- 

**Second Semester**

- 1 - ED 105 Orientation to Education
  - 3 - ENGL 103 Accelerated Composition
  - 3 - MTHSC 117 Mathematics for Elementary School Teachers I
  - 4 - PH SC 107 Introduction to Earth Science
  - 3 - Foreign Language Requirement<sup>1</sup>
- 

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**Second Semester**

- 3 - ED EC 300 Found. of Early Childhood Educ.
  - 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
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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>ENGL 212, 213, 214, or 215<sup>4</sup>MUSIC 210, 311, 313, 314, 317, or 400<sup>5</sup>See General Education Requirements.<sup>6</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**

- 1 - ED 105 Orientation to Education
  - 3 - ENGL 103 Accelerated Composition
  - 3 - MTHSC 117 Mathematics for Elementary School Teachers I
  - 4 - PH SC 107 Introduction to Earth Science
  - 3 - Foreign Language Requirement<sup>1</sup>
- 

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

- 4 - BIOL 109 Introduction to Life Science
  - 3 - COMM 150 Intro. to Human Comm. *or*  
3 - COMM 250 Public Speaking
  - 3 - ED F 301 Principles of American Education
  - 3 - MTHSC 118 Mathematics for Elementary School Teachers II
  - 3 - Arts and Humanities (Literature) Requirement<sup>2</sup>
- 
- 16

**Second Semester**

- 3 - ED F 302 Educational Psychology
  - 1 - ED F (CTE) 315 Technology 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>3</sup>
- 
- 16

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

- 3 - CTE 310 Designing Creative Instruction
  - 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 - Multicultural Requirement<sup>4</sup>
- 
- 15

**Second Semester**

- 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
  - 3 - Elective
- 
- 15

**Senior Year**

*(Courses must be taken as listed in both semesters.)*

**First Semester**

- 3 - ED EL 401 Elementary Field Experience
  - 3 - ED EL 451 Elem. Methods in Science Teaching
  - 3 - ED EL 452 Elem. Methods in Math. Teaching
  - 3 - ED EL 487 Elementary Methods in Social Studies Teaching
  - 3 - ED EL 488 Elementary Methods in Language Arts Teaching
  - 3 - READ 461 Content Area Reading: Grades 2–6
- 
- 18

**Second Semester**

- 12 - ED EL 481 Dir. Teaching in the Elem. Sch.
  - 1 - ED F 425 Instructional Technology Strategies
- 
- 13

123 Total Semester Hours

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

<sup>2</sup>ENGL 212, 213, 214 or 215

<sup>3</sup>A A H 210, HUM 301, 302, or THEA 210

<sup>4</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 Chemistry in Context I
  - 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>
- 
- 15

**Second Semester**

- 4 - CH 106 Chemistry in Context II
  - 3 - ENGL 103 Accelerated Composition
  - 4 - MTHSC 108 Calculus of One Variable II
  - 3 - MTHSC 129 Prob. Solving in Discrete Math.
  - 3 - Science Requirement<sup>2</sup>
- 
- 17

**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>3</sup>
  - 3 - Science Requirement<sup>2</sup>
- 
- 17

**Second Semester**

- 3 - ECON 200 Economic Concepts *or*  
3 - ECON 211 Principles of Microeconomics
  - 3 - ED F 302 Educational Psychology
  - 1 - ED F (CTE) 315 Technology Skills for Learning
  - 4 - MTHSC 208 Intro. to Ordinary Diff. Equations
  - 3 - MTHSC 311 Linear Algebra
  - 3 - PHYS 221 Physics with Calculus II
  - 1 - PHYS 223 Physics Lab. II
- 
- 18

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

- 3 - ED F 301 Principles of American Education
  - 3 - EDSEC 326 Practicum in Secondary Math.
  - 3 - ENGL 314 Technical Writing
  - 3 - MTHSC 302 Statistics for Science and Engr.
  - 3 - SOC 201 Introduction to Sociology *or*  
3 - SOC 202 Social Problems
- 
- 15

**Second Semester**

- 3 - ED F 335 Adolescent Growth and Development
  - 3 - ED SP 370 Introduction to Special Education
  - 3 - EDSEC 437 Technology in Secondary Math.
  - 3 - MTHSC 308 College Geometry
  - 3 - MTHSC 412 Introduction to Modern Algebra
- 
- 15

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

- 1 - ED F 425 Instructional Technology Strategies<sup>4</sup>
  - 3 - EDSEC 426 Teaching Secondary Mathematics<sup>4</sup>
  - 3 - MTHSC 400 Theory of Probability *or*  
3 - MTHSC 405 Stat. Theory and Methods II
  - 3 - MTHSC 408 Topics in Geometry
  - 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 Secondary Math. Capstone Sem.<sup>5</sup>
- 
- 12

125 Total Semester Hours

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

<sup>2</sup>Select from courses in ASTR, BIOL, BIOSC, CH, GEOL, PHYS.

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

<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).

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

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

**Second Semester**

- 3 - BIOL 104 General Biology II and
  - 1 - BIOL 106 General Biology Lab. II *or*  
5 - BIOL 111 Principles of Biology II
  - 4 - CH 102 General Chemistry
  - 1 - ED 105 Orientation to Education
  - 3 - ENGL 103 Accelerated Composition
  - 3 - Statistics Requirement<sup>1</sup>
- 
- 15-16

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

- 4 - CH 201 Survey of Organic Chemistry
  - 3 - HIST 122 History, Technology, and Society
  - 3 - PHYS 207 General Physics I
  - 1 - PHYS 209 General Physics I Lab.
  - 3 - Arts and Humanities (Literature) Requirement<sup>2</sup>
  - 4 - Biochemistry or Genetics Requirement<sup>3</sup>
- 
- 18

**Second Semester**

- 4 - BIOSC 316 Human Physiology
  - 3 - ED F 301 Principles of American Education
  - 1 - ED F (CTE) 315 Technology Skills for Learning
  - 3 - PHYS 208 General Physics II
  - 1 - PHYS 210 General Physics II Lab.
  - 4 - Biochemistry or Genetics Requirement<sup>3</sup>
- 16

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

- 3 - BIOSC 461 Cell Biology
  - 3 - ED F 302 Educational Psychology
  - 3 - EDSEC 327 Practicum in Secondary Science
  - 3 - Ecology Requirement<sup>4</sup>
  - 4 - Plant or Animal Diversity Requirement<sup>5</sup>
- 16

**Second Semester**

- 3 - BIOSC 335 Evolutionary Biology
  - 3 - BIOSC 482 Lab. Techniques for Teaching Sci.
  - 3 - ED F 335 Adolescent Growth and Development
  - 3 - ENGL 314 Technical Writing
  - 4 - Plant or Animal Diversity Requirement<sup>5</sup>
- 16

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

- 3 - ED SP 370 Introduction to Special Education
  - 3 - EDSEC 427 Teaching Secondary Science<sup>6</sup>
  - 3 - GEOG 103 World Regional Geography
  - 3 - READ 498 Secondary Content Area Reading<sup>6</sup>
  - 3 - Art and Humanities (Non-Lit.) Requirement<sup>7</sup>
- 15

**Second Semester**

- 9 - EDSEC 447 Teaching Internship in Sec. Sci.<sup>8</sup>
  - 3 - EDSEC 457 Sec. Science Capstone Seminar<sup>8</sup>
- 12

123–125 Total Semester Hours

<sup>1</sup>EX ST 301, MTHSC 203, 301, or 309

<sup>2</sup>ENGL 212, 213, 214, or 215

<sup>3</sup>One lecture and associated laboratory must be completed for both biochemistry (BIOCH 301/302 or 305/306) and for genetics (GEN 300/301 or 302/303).

<sup>4</sup>BIOSC 441, 443, 446, or 470

<sup>5</sup>One lecture and associated laboratory must be completed for both animal diversity (BIOSC 302/306 or 303/307) and for plant diversity (BIOSC 304/308 or 305/309).

<sup>6</sup>To be taken the semester prior to EDSEC 447 and 457. EDSEC 427 and READ 498 must be taken concurrently. Offered fall semester only.

<sup>7</sup>See General Education Requirements.

<sup>8</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**

- 3 - BIOL 103 General Biology I
  - 1 - BIOL 105 General Biology Lab. 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**

- 3 - BIOL 104 General Biology II
  - 1 - BIOL 106 General Biology Lab. II
  - 3 - CH 330 Introduction to Physical Chemistry
  - 3 - ED F 301 Principles of American Education
  - 1 - ED F (CTE) 315 Technology 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 - EDSEC 327 Practicum in Secondary Science
  - 3 - PHYS 221 Physics with Calculus II
  - 1 - PHYS 223 Physics Lab. II
- 18

**Second Semester**

- 3 - ASTR 102 Stellar Astronomy
  - 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
- 16

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

- 1 - ED F 425 Instructional Technology Strategies<sup>3</sup>
  - 3 - ED SP 370 Introduction to Special Education
  - 3 - EDSEC 427 Teaching Secondary Science<sup>3</sup>
  - 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

124 Total Semester Hours

<sup>1</sup>ANTH 201, GEOG 103, P A S 301, 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, modern languages (French and Spanish), and science on the secondary school level (grades 9–12). The Bachelor of Science degree is offered to students planning to teach science, social studies, (economics, history, political science, psychology, and sociology). The teaching field should be selected as early as possible so that appropriate freshman and sophomore courses may be taken.

Each curriculum requires a major concentration in the teaching field. Specific courses and sequences have been designated to meet requirements for those planning to teach. 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.

**TEACHING AREA:  
BIOLOGICAL SCIENCES****Bachelor of Arts****Freshman Year****First Semester**

- 5 - BIOL 110 Principles of Biology *or*
  - 3 - BIOL 103 General Biology I *and*
  - 1 - BIOL 105 General Biology Lab. I
  - 4 - CH 101 General Chemistry
  - 3 - COMM 150 Intro. to Human Communication
  - 4 - MTHSC 106 Calculus of One Variable I
  - 3 - Foreign Language Requirement<sup>1</sup>
- 18-19

**Second Semester**

- 5 - BIOL 111 Principles of Biology II *or*
  - 3 - BIOL 104 General Biology I *and*
  - 1 - BIOL 106 General Biology Lab. II
  - 4 - CH 102 General Chemistry
  - 1 - ED 105 Orientation to Education
  - 3 - ENGL 103 Accelerated Composition
  - 3 - Foreign Language Requirement<sup>1</sup>
  - 3 - Statistics Requirement<sup>2</sup>
- 18-19

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

- 4 - CH 201 Survey of Organic Chemistry
  - 3 - HIST 122 History, Technology, and Society
  - 3 - PHYS 207 General Physics I
  - 1 - PHYS 209 General Physics I Lab.
  - 3 - Arts and Humanities (Literature) Requirement<sup>3</sup>
  - 4 - Biochemistry or Genetics Requirement<sup>4</sup>
- 18

**Second Semester**

- 4 - BIOSC 316 Human Physiology
  - 3 - ED F 301 Principles of American Education
  - 1 - ED F (CTE) 315 Technology Skills for Learning
  - 3 - PHYS 208 General Physics II
  - 1 - PHYS 210 General Physics II Lab.
  - 4 - Biochemistry or Genetics Requirement<sup>4</sup>
- 16

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

- 3 - BIOSC 461 Cell Biology
  - 3 - ED F 302 Educational Psychology
  - 3 - EDSEC 327 Practicum in Secondary Science
  - 4 - Animal or Plant Diversity Requirement<sup>5</sup>
  - 3 - Ecology Requirement<sup>6</sup>
- 16

**Second Semester**

- 3 - BIOSC 335 Evolutionary Biology
  - 3 - BIOSC 482 Lab. Techniques for Teaching Sci.
  - 3 - ED F 335 Adolescent Growth and Development
  - 3 - ENGL 314 Technical Writing
  - 4 - Animal or Plant Diversity Requirement<sup>5</sup>
- 16

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

- 3 - ED SP 370 Introduction to Special Education
  - 3 - EDSEC 427 Teaching Secondary Science<sup>7</sup>
  - 3 - GEOG 103 World Regional Geography
  - 3 - READ 498 Secondary Content Area Reading<sup>7</sup>
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>8</sup>
- 15

**Second Semester**

- 9 - EDSEC 447 Teaching Internship in Sec. Sci.<sup>9</sup>
  - 3 - EDSEC 457 Sec. Science Capstone Seminar<sup>9</sup>
- 12

129–131 Total Semester Hours

<sup>1</sup>Two semesters (through 202) in any modern foreign language or American Sign Language are required.

<sup>2</sup>EX ST 301, MTHSC 203, 301, or 309

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

<sup>4</sup>One lecture and associated laboratory must be completed for both biochemistry (BIOCH 301/302 or BIOCH 305/306) and for genetics (GEN 300/301 or GEN 302/303).

<sup>5</sup>One lecture and associated laboratory must be completed for both animal diversity (BIOSC 302/306 or BIOSC 303/307) and for plant diversity (BIOSC 304/308 or BIOSC 305/309).

<sup>6</sup>BIOSC 441, 443, 446, or 470

<sup>7</sup>To be taken the semester prior to EDSEC 447 and 457. EDSEC 427 and READ 498 must be taken concurrently.

<sup>8</sup>See General Education Requirements.

<sup>9</sup>EDSEC 447 and 457 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 The West and the World I
  - 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 The West and the World II
  - 3 - REL 102 World Religions
- 15

**Second Semester**

- 3 - BIOSC 200 Biology in the News
  - 3 - ED F 302 Educational Psychology
  - 1 - ED F (CTE) 315 Technology 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 Britain Since 1688 or
  - 3 - HIST 365 British Cultural History
- 16

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

- 3 - ED F 335 Adolescent Growth and Development
  - 3 - EDSEC 324 Practicum in Secondary English
  - 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>
- 18

**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

123 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: 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 - PHYS 122 Physics with Calculus I
  - 1 - PHYS 124 Physics Laboratory I
  - 3 - Foreign Language Requirement<sup>1</sup>
- 17

**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 - Computer Science Requirement<sup>3</sup>
  - 3 - Cross-Cultural Awareness Requirement<sup>2</sup>
- 17

**Second Semester**

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

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

3 - ED F 301 Principles of American Education  
 3 - EDSEC 326 Practicum in Secondary Math.  
 3 - ENGL 314 Technical Writing  
 3 - MTHSC 302 Statistics for Science and Engr.  
 3 - MTHSC 400 Theory of Probability  
 15

**Second Semester**

3 - ED F 335 Adolescent Growth and Development  
 3 - ED SP 370 Introduction to Special Education  
 3 - EDSEC 437 Technology in Secondary Math.  
 3 - MTHSC 308 College Geometry  
 3 - MTHSC 412 Introduction to Modern Algebra  
 15

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

3 - COMM 250 Public Speaking  
 1 - ED F 425 Instructional Technology Strategies<sup>5</sup>  
 3 - EDSEC 426 Teaching Secondary Mathematics<sup>5</sup>  
 3 - MTHSC 408 Topics in Geometry  
 3 - MTHSC 453 Advanced Calculus I  
 3 - READ 498 Secondary Content Area Reading<sup>5</sup>  
 16

**Second Semester**

9 - EDSEC 446 Teaching Internship in Secondary Mathematics<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, 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 The West and the World I or  
 3 - HIST 173 The West and the World II  
 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 (CTE) 315 Technology 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 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 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

Spanish—30 credits arranged as follows:

Group I—SPAN 311, 313

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: SOCIAL  
STUDIES (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 The West and the World I  
 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 (CTE) 315 Technology Skills for Learning  
 3 - HIST 102 History of the United States  
 3 - HIST 173 The West and the World II  
 3 - PO SC 102 Intro. to International Relations  
 3 - Non-Western History Requirement<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 - ED SEC 328 Practicum in Secondary Social Studies  
 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 - ENGL 312 Advanced Composition  
 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 SP 370 Introduction to Special Education  
 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 courses in economics.<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: SOCIAL STUDIES (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  
 15

**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 The West and the World I  
 3 - PO SC 101 American National Government  
 3 - SOC 201 Introduction to Sociology  
 18

**Second Semester**

- 3 - ECON 212 Principles of Macroeconomics  
 1 - ED F (CTE) 315 Technology Skills for Learning  
 3 - HIST 102 History of the United States  
 3 - HIST 173 The West and the World II  
 3 - PO SC 102 Intro. to International Relations  
 3 - Teaching Major<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 - EDSEC 328 Practicum in Secondary Social  
 Studies  
 6 - Teaching Major<sup>2</sup>  
 15

**Second Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*  
 3 - COMM 250 Public Speaking  
 3 - ENGL 312 Advanced Composition  
 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>  
 6 - Teaching Major<sup>2</sup>  
 15

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

- 1 - ED F 425 Instructional Technology Strategies<sup>3</sup>  
 3 - ED SP 370 Introduction to Special Education  
 3 - EDSEC 428 Teaching Secondary Social Studies<sup>3</sup>  
 3 - READ 498 Secondary Content Area Reading<sup>3</sup>  
 6 - Teaching Major<sup>2</sup>  
 16

**Second Semester**

- 9 - EDSEC 448 Teaching Internship in  
 Secondary Social Studies<sup>4</sup>  
 3 - EDSEC 458 Secondary Social Studies  
 Capstone Seminar<sup>4</sup>  
 12

124 Total Semester Hours

<sup>1</sup>See General Education Requirements.<sup>2</sup>See advisor. Select from HIST 299, 300-, and 400-level courses in History. Must include at least three hours each in U.S. history, European history, and nine hours in non-Western history. HIST 313 is recommended for those planning to teach in South Carolina.<sup>3</sup>ED F 425, EDSEC 428, and READ 498 must be taken concurrently. Offered fall semester only.<sup>4</sup>EDSEC 448 and 458 must be taken concurrently. Offered spring semester only.**TEACHING AREA: SOCIAL STUDIES (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 The West and the World I  
 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 (CTE) 315 Technology Skills for Learning  
 3 - HIST 102 History of the United States  
 3 - HIST 173 The West and the World II  
 3 - PO SC 102 Intro. to International Relations  
 3 - Non-Western History Requirement<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 - EDSEC 328 Practicum in Secondary Social  
 Studies  
 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 - ENGL 312 Advanced Composition  
 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 SP 370 Introduction to Special Education  
 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. Select from the following, including at least one course from three of the following areas:*American Government*—PO SC 403, 405, 416, 437, 438, 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. Offered fall semester only.

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

## TEACHING AREA: SOCIAL STUDIES (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 The West and the World I  
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 (CTE) 315 Technology Skills for Learning  
3 - HIST 102 History of the United States  
3 - HIST 173 The West and the World II  
3 - PO SC 102 Intro. to International Relations  
3 - Non-Western History Requirement<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 - EDSEC 328 Practicum in Secondary Social Studies  
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 - ENGL 312 Advanced Composition  
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 SP 370 Introduction to Special Education  
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 courses in psychology.

<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: SOCIAL STUDIES (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 The West and the World I  
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 (CTE) 315 Technology Skills for Learning  
3 - HIST 102 History of the United States  
3 - HIST 173 The West and the World II  
3 - PO SC 102 Intro. to International Relations  
3 - Non-Western History Requirement<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 - EDSEC 328 Practicum in Secondary Social Studies  
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 - ENGL 312 Advanced Composition  
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 SP 370 Introduction to Special Education  
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 courses in sociology.

<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.

## 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 124 Environmental History Survey or  
3 - HIST 122 History, Technology, and Society  
3 - MTHSC 101 Essential Math. for Informed Soc.  
3 - Foreign Language Requirement<sup>1</sup>  
4 - Natural Science Requirement<sup>2</sup>  
14

**Second Semester**

- 3 - ENGL 103 Accelerated Composition
  - 3 - GEOG 103 World Regional Geography
  - 3 - MTHSC 117 Mathematics for Elementary School Teachers I
  - 3 - Foreign Language Requirement<sup>1</sup>
  - 4 - Natural Science Requirement<sup>2</sup>
- 16

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

- 3 - ED F 301 Principles of American Education
  - 1 - ED F (CTE) 315 Technology Skills for Learning
  - 3 - ED SP 370 Introduction to Special Education
  - 3 - MTHSC 118 Mathematics for Elementary School Teachers II
  - 3 - Arts and Humanities (Literature) Requirement<sup>3</sup>
  - 4 - Natural Science Requirement<sup>2</sup>
- 17

**Second Semester**

- 3 - COMM 150 Intro. to Human Comm. *or*
  - 3 - COMM 250 Public Speaking
  - 3 - ED F 302 Educational Psychology
  - 3 - ED F 334 Child Growth and Development *or*
  - 3 - ED F 335 Adolescent Growth and Dev.
  - 3 - ED SP 468 Early Intervention for Infants and Children with Special Needs
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>4</sup>
- 15

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

- 3 - ED EL 458 Health Education Methods for the Classroom Teacher<sup>7</sup>
  - 3 - ED SP 372 Char. and Instruction of Individuals with Learning Disabilities<sup>5</sup>
  - 3 - ED SP 374 Char. and Strat. for Individuals with Emotional/Behavioral Disorders<sup>5</sup>
  - 3 - Advanced Writing Requirement<sup>6</sup>
  - 3 - History Requirement<sup>7</sup>
- 15

**Second Semester**

- 3 - ED EL 451 Elem. Meth. in Science Teaching<sup>8</sup>
  - 3 - ED EL 487 Elementary Methods in Social Studies Teaching
  - 3 - ED SP 373 Char. and Instruction of Individuals with Mental Retardation<sup>8</sup>
  - 3 - ED SP 491 Educational Assessment of Individuals with Disabilities<sup>8</sup>
  - 3 - READ 460 Teaching Reading in the Elementary Grades: 2-6
- 15

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

- 1 - ED F 425 Instructional Technology Strategies<sup>9</sup>
  - 3 - ED SP 492 Mathematics Instruction for Individuals with Mild Disabilities<sup>9</sup>
  - 3 - ED SP 493 Classroom and Behavior Management for Special Educators<sup>9</sup>
  - 3 - ED SP 494 Teaching Reading to Students with Mild Disabilities<sup>9</sup>
  - 3 - ED SP 496 Special Education Field Experience<sup>9</sup>
  - 3 - ED SP 497 Secondary Methods for Individuals with Disabilities<sup>9</sup>
- 16

**Second Semester**

- 3 - ED SP 495 Written Communication and Collaboration for the Resource Teacher<sup>10</sup>
  - 12 - ED SP 498 Directed Teaching in Special Ed.<sup>10</sup>
- 15

123 Total Semester Hours

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

<sup>2</sup>See General Education Requirements. Eight credit hours must be in a sequence. Biological and physical sciences must be represented. PH SC 107, 108, and BIOL 109 are recommended.

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

<sup>4</sup>See General Education Requirements.

<sup>5</sup>ED EL 458, ED SP 372 and 374 must be taken concurrently during the fall semester of junior year.

<sup>6</sup>ENGL 304, 312, or 314

<sup>7</sup>HIST 101, 102, 172, 173, or 193

<sup>8</sup>ED EL 451, ED SP 373, and 491 must be taken concurrently during the spring semester of the junior year.

<sup>9</sup>ED F 425, ED SP 492, 493, 494, 496, and 497 must be taken concurrently during the fall semester of the senior year.

<sup>10</sup>ED SP 495 and 498 must be taken concurrently during the spring semester of the senior year.

**HEALTH SCIENCE****Bachelor of Science**

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

Plans of study can be arranged in health promotion and education, health services administration, 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 63).

When space is available, 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**

- 3 - BIOL 103 General Biology I *and*
  - 1 - BIOL 105 General Biology Lab. 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 Chemistry in Context I
  - 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 Chemistry in Context II
  - 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 150 Intro. to Human Comm. *or*  
 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 not otherwise required

<sup>2</sup>MTHSC 101, 102, or 106

<sup>3</sup>See General Education Requirements. Three of these credit hours must also satisfy the Cross-Cultural Awareness Requirement, and if CH 105 is not selected, three credits must also satisfy the Science and Technology in Society Requirements.

<sup>4</sup>See advisor.

<sup>5</sup>EX ST 301, MTHSC 203, 301 or 309

<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 - Guided Requirement<sup>3</sup>  
 3-4 Mathematics Requirement<sup>4</sup>  
 15-16

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

- 3 - ACCT 201 Financial Accounting Concepts  
 3 - CRD (AP EC, HLTH) 361 Introduction to Health Care Economics  
 3 - HLTH 203 Overview of Health Care Systems  
 3 - Health Requirement<sup>5</sup>  
 3 - Statistics Requirement<sup>6</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 150 Intro. to Human Comm. *or*  
 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>5</sup>  
 3 - Elective  
 16

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

- 3 - FIN 306 Corporation Finance  
 5 - HLTH 420 Health Science Internship<sup>7</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 103/105, 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>MTHSC 101, 102, or 106

<sup>5</sup>Any HLTH course not otherwise required

<sup>6</sup>EX ST 301, MTHSC 203, 301, or 309

<sup>7</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**

- 3 - BIOL 103 General Biology I *and*  
 1 - BIOL 105 General Biology Lab. I *or*  
 5 - BIOL 110 Principles of Biology I  
 4 - CH 101 General Chemistry I  
 3 - HLTH 202 Introduction to Public Health  
 3 - Social Science Requirement<sup>1</sup>  
 14-15

**Second Semester**

- 3 - BIOL 104 General Biology II *and*  
 1 - BIOL 106 General Biology Lab. II *or*  
 5 - BIOL 111 Principles of Biology II  
 4 - CH 102 General Chemistry 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 150 Intro. to Human Comm. *or*  
 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, 102, or 106

<sup>4</sup>Any HLTH course not otherwise required

<sup>5</sup>EX ST 301, MTHSC 203, 301, or 309

<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 63 for the curriculum.

## NURSING

### Bachelor of Science

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

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

To comply with clinical agency contract requirements and South Carolina law, students enrolled in nursing courses with a clinical laboratory must meet specific requirements listed in the *School of Nursing Student Handbook* 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 CCNE (Commission on Collegiate Nursing Education), One Dupont Circle NW, Suite 530, Washington, DC 20036-1120.

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

- 3 - BIOL 103 General Biology I
  - 1 - BIOL 105 General Biology Lab. I
  - 2 - C U 101 University Success Skills
  - 3 - MTHSC 101 Essential Math. for Informed Soc.
  - 3 - NURS 140 Computer Appl. in Health Care
  - 3 - SOC 201 Introduction to Sociology
- 15

#### Second Semester

- 4 - CH 101 General Chemistry I
  - 3 - ENGL 103 Accelerated Composition
  - 3 - MTHSC 203 Elementary Statistical Inference
  - 3 - PSYCH 201 Introduction to Psychology
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</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>1</sup>
- 3 - Cross-Cultural Awareness Requirement<sup>1,2</sup>
- 1 - Elective

15

### 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 - NUTR 205 Nutrition for Nursing Professionals
- 3 - Elective

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
- 6 - NURS 410 Leadership Management and Nursing Care Practicum
- 4 - NURS 415 Community Health Nursing

15

124 Total Semester Hours

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

<sup>2</sup>If this requirement is satisfied by another course in the curriculum, elective hours may be substituted.

Notes:

1. A minimum grade of a C is required in the following courses for progression to junior year clinical courses: BIOL 103/105, BIOSC 222, 223, CH 101, MICRO 205, MTHSC 101, 203, NUTR 205.

2. A minimum grade of C is required in all nursing courses.

3. To progress to junior-level nursing courses, students must have a minimum grade-point ratio of 2.5 and may not have received more than two final course grades of less than a C in the last five years.

4. A minimum grade-point ratio of 2.5 must be achieved in all required nursing courses for progression to the next level. Only courses required for the Nursing curriculum, includ-

ing the allotted three elective credit hours, will be used to calculate this grade-point ratio.

5. Students may repeat only one NURS course, excluding a W or redemption. Further, students may repeat that NURS course one time only. Students who are unsuccessful on the second attempt in a nursing course will be counseled to select another major and will not be permitted to continue in the Nursing program.

6. Students must pass didactic and clinical components to pass all clinical courses.

## 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

3 - MTHSC 101 Essential Math. for Informed Soc.  
3 - SOC 201 Introduction to Sociology  
3 - Arts and Humanities (Non-Lit.) Requirement<sup>1</sup>  
3 - Computer Skills Requirement<sup>2</sup>  
4 - Science Requirement<sup>2</sup>  
16

### Second Semester

3 - ENGL 103 Accelerated Composition  
3 - MTHSC 203 Elementary Statistical Inference  
3 - PSYCH 201 Introduction to Psychology  
4 - Science Requirement<sup>2</sup>  
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>  
4 - Elective  
15

### Second Semester

4 - BIOSC 223 Human Anatomy and Phys. II  
3 - Departmental Requirement<sup>2</sup>  
3 - Nutrition Requirement<sup>2</sup>  
3 - Oral Communication Requirement<sup>1</sup>  
3 - Elective  
16

## Junior Year

### First Semester

3 - NURS 304 Pathophysiology for Health Care Professionals  
4 - NURS 312 Therapeutic Nursing Interventions<sup>3</sup>  
3 - NURS 330 Research in Nursing  
5 - NURS 411 Nursing Care of Children<sup>3</sup>  
15

## Second Semester

7 - NURS 303 Nursing of Adults<sup>3</sup>  
4 - NURS 307 Family Nursing in the Community  
4 - NURS 313 Health Assess. Through Lifespan  
15

## Senior Year

### First Semester

3 - NURS 333 Health Care Genetics  
3 - NURS 406 Issues in Professionalism  
5 - NURS 412 Nurs. Care of Women and Families<sup>3</sup>  
4 - NURS 425 Community Nursing  
15

### Second Semester

3 - ENGL 314 Technical Writing  
5 - NURS 401 Mental Health Nursing<sup>3</sup>  
5 - NURS 403 Complex Nursing of Adults<sup>3</sup>  
3 - NURS 405 Leadership and Mgt. in Nursing  
16

124 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 and must be maintained for progression to each level.
2. 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. Students must achieve a C or better in all required science and nursing courses.

## PARKS, RECREATION, AND TOURISM MANAGEMENT

### Bachelor of Science

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

The curriculum allows students to select from five concentrations. This latitude permits accommodation of each student's career objectives in positions in community recreation, sport management, recreation programming, cultural arts management, commercial recreation, wilderness management, nature interpretation, park management, historic site management, rehabilitation services, leisure counseling, camp administration, recreation therapy, programs for people with disabilities or senior citizens, travel industry, resort management, convention and visitor bureaus, theme parks, community tourism, and special event/festival planning, to name a few.

The Parks, Recreation, and Tourism Management program is accredited by the National Council on Accreditation (National Recreation and Park Association/Council on Postsecondary Accreditation). Graduates are immediately eligible to apply to become "Certified Park and Recreation Professionals," a valuable credential for professional advancement.

When space is available, a student may change majors to one of the degree concentrations in the Department of Parks, Recreation, and Tourism Management with a 2.0 cumulative grade-point ratio, 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.

## 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  
3 - PSYCH 201 Introduction to Psychology *or*  
3 - SOC 201 Introduction to Sociology  
3 - Mathematics Requirement<sup>1</sup>  
15

### Second Semester

3 - BIOL 220 Biology: Concepts, Issues, Values  
3 - ENGL 103 Accelerated Composition  
1 - PRMT 200 Profession and Practice in PRMT  
8 - Elective  
15

## Sophomore Year

### First Semester

3 - COMM 150 Intro. to Human Comm. *or*  
3 - COMM 250 Public Speaking  
2 - PRMT 220 Conceptual Foundations of Parks, Recreation, and Tourism  
3 - Arts and Humanities (Literature) Requirement<sup>2</sup>  
3 - Arts and Humanities (Non-Lit.) Requirement<sup>3</sup>  
6 - Elective  
17

**Second Semester**

- 1 - PRTM 198 Creative Inquiry—PRTM I
  - 2 - PRTM 221 Delivery Systems for Parks, Recreation, and Tourism
  - 3 - PRTM 222 Program and Event Planning in Parks, Recreation, and Tourism
  - 4 - PRTM 223 Administration/Management in Parks, Recreation, and Tourism
  - 2 - PRTM 224 Legal Aspects of Parks, Recreation, and Tourism
- 
- 12

**Summer**

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

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

- 3 - ENGL 304 Business Writing *or*
  - 3 - ENGL 314 Technical Writing
  - 2 - PRTM 298 Creative Inquiry—PRTM II
- 
- 12 - Concentration Requirement<sup>4</sup>
- 
- 17

**Second Semester**

- 2 - PRTM 398 Creative Inquiry—PRTM III
  - 1 - PRTM 404 Field Training I
- 
- 12 - Concentration Requirement<sup>4</sup>
- 
- 15

**Summer**

- 6 - PRTM 405 Field Training II

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

- 1 - PRTM 498 Creative Inquiry—PRTM IV
- 
- 12 - Concentration Requirement<sup>4</sup>
- 
- 13

**Second Semester**

- 12 - Concentration Requirement<sup>4</sup>
- 
- 12

124 Total Semester Hours

<sup>1</sup>EX ST 222, 301, or MTHSC 203

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

<sup>3</sup>A A H 210, MUSIC 210, REL 101, or 102

<sup>4</sup>See advisor.

## PARK AND PROTECTED AREA MANAGEMENT CONCENTRATION

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

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

- 1 - BIOL 120 Biological Inquiry Lab.
  - 3 - BIOL 122 Keys to Biodiversity
  - 2 - C U 101 University Success Skills
  - 3 - PSYCH 201 Introduction to Psychology *or*
  - 3 - SOC 201 Introduction to Sociology
  - 3 - Mathematics Requirement<sup>1</sup>
  - 3 - Elective
- 
- 15

**Second Semester**

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

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

- 3 - COMM 150 Intro. to Human Comm. *or*
  - 3 - COMM 250 Public Speaking
  - 2 - PRTM 220 Conceptual Foundations of Parks, Recreation, and Tourism
  - 3 - Arts and Humanities (Literature) Requirement<sup>2</sup>
  - 3 - Arts and Humanities (Non-Lit.) Requirement<sup>3</sup>
  - 6 - Elective
- 
- 17

**Second Semester**

- 1 - PRTM 198 Creative Inquiry—PRTM I
  - 2 - PRTM 221 Delivery Systems for Parks, Recreation, and Tourism
  - 3 - PRTM 222 Program and Event Planning in Parks, Recreation, and Tourism
  - 4 - PRTM 223 Administration/Management in Parks, Recreation, and Tourism
  - 2 - PRTM 224 Legal Aspects of Parks, Recreation, and Tourism
- 
- 12

**Summer**

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

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

- 3 - ENGL 304 Business Writing *or*
  - 3 - ENGL 314 Technical Writing
  - 2 - PRTM 298 Creative Inquiry—PRTM II
- 
- 12 - Concentration Requirement<sup>4</sup>
- 
- 17

**Second Semester**

- 2 - PRTM 398 Creative Inquiry—PRTM III
  - 1 - PRTM 404 Field Training I
- 
- 12 - Concentration Requirement<sup>4</sup>
- 
- 15

**Summer**

- 6 - PRTM 405 Field Training II

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

- 1 - PRTM 498 Creative Inquiry—PRTM IV
- 
- 12 - Concentration Requirement<sup>4</sup>
- 
- 13

**Second Semester**

- 12 - Concentration Requirement<sup>4</sup>
- 
- 12

124 Total Semester Hours

<sup>1</sup>EX ST 222, 301, or MTHSC 203

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

<sup>3</sup>A A H 210, MUSIC 210, REL 101, or 102

<sup>4</sup>See advisor.

## PROFESSIONAL GOLF MANAGEMENT CONCENTRATION

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

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

- 1 - BIOL 120 Biological Inquiry Lab. *and*
  - 3 - BIOL 121 Keys to Human Identity *or*
  - 3 - BIOL 122 Keys to Biodiversity *or*
  - 3 - BIOL 123 Keys to Human Biology *or*
  - 3 - BIOL 124 Keys to Reproduction
  - 3 - PRTM 281 Introduction to Golf Management
  - 3 - PSYCH 201 Introduction to Psychology
  - 3 - Mathematics Requirement<sup>1</sup>
  - 3 - Elective
- 
- 16

**Second Semester**

- 3 - BIOL 220 Biology: Concepts, Issues, Values
  - 3 - ECON 211 Principles of Microeconomics
  - 3 - ENGL 103 Accelerated Composition
  - 1 - PRTM 195 PGM Seminar I
  - 1 - PRTM 200 Profession and Practice in PRTM
  - 3 - PRTM 282 Principles of Golfer Development
  - 3 - Elective
- 
- 17

**Summer**

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

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

- 3 - ACCT 201 Financial Accounting Concepts  
 3 - COMM 150 Intro. to Human Comm. *or*  
 3 - COMM 250 Public Speaking  
 3 - ECON 212 Principles of Macroeconomics  
 2 - PRTM 220 Conceptual Foundations of Parks,  
 Recreation, and Tourism  
 1 - PRTM 295 PGM Seminar II  
 3 - Arts and Humanities (Literature) Requirement<sup>2</sup>  
 3 - Arts and Humanities (Non-Lit.) Requirement<sup>3</sup>  
 18

**Second Semester**

- 2 - PRTM 221 Delivery Systems for Parks,  
 Recreation, and Tourism  
 3 - PRTM 222 Program and Event Planning in  
 Parks, Recreation, and Tourism  
 4 - PRTM 223 Administration/Management in  
 Parks, Recreation, and Tourism  
 2 - PRTM 224 Legal Aspects of Parks, Recreation,  
 and Tourism  
 3 - PRTM 383 Golf Shop Operations  
 14

**Summer**

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

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

- 0 - CO-OP 103 Cooperative Education

**Second Semester**

- 3 - ACCT 202 Managerial Accounting Concepts  
 3 - ENGL 304 Business Writing *or*  
 3 - ENGL 314 Technical Writing  
 3 - HORT 212 Introduction to Turfgrass Culture  
 1 - HORT 213 Turfgrass Culture Lab.  
 3 - MGT 201 Principles of Management  
 3 - Elective  
 16

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

- 3 - FD SC 307 Restaurant Food Service Mgt.  
 3 - FIN 306 Corporation Finance  
 3 - LAW 322 Legal Environment of Business  
 3 - MKT 301 Principles of Marketing  
 3 - PRTM 344 Tourism Markets and Supply  
 1 - PRTM 395 PGM Seminar III  
 16

**Second Semester**

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

**Summer**

- 0 - CO-OP 105 Cooperative Education

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

- 3 - PRTM 483 Golf Club Mgt. and Operations  
 1 - PRTM 495 PGM Seminar IV  
 12 - Departmental Requirement<sup>4</sup>  
 16

121 Total Semester Hours

<sup>1</sup>EX ST 222, 301, or MTHSC 203

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

<sup>3</sup>A A H 210, MUSIC 210, REL 101, or 102

<sup>4</sup>See advisor.

**THERAPEUTIC RECREATION  
CONCENTRATION**

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

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

- 1 - BIOL 120 Biological Inquiry Lab. *and*  
 3 - BIOL 121 Keys to Human Identity *or*  
 3 - BIOL 122 Keys to Biodiversity *or*  
 3 - BIOL 123 Keys to Human Biology *or*  
 3 - BIOL 124 Keys to Reproduction  
 2 - C U 101 University Success Skills  
 3 - PSYCH 201 Introduction to Psychology  
 3 - Mathematics Requirement<sup>1</sup>  
 3 - Elective  
 15

**Second Semester**

- 3 - BIOL 220 Biology: Concepts, Issues, Values  
 3 - ENGL 103 Accelerated Composition  
 1 - PRTM 200 Profession and Practice in PRTM  
 3 - SOC 201 Introduction to Sociology  
 5 - Elective  
 15

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

- 3 - COMM 150 Intro. to Human Comm. *or*  
 3 - COMM 250 Public Speaking  
 2 - PRTM 220 Conceptual Foundations of Parks,  
 Recreation, and Tourism  
 3 - Arts and Humanities (Literature) Requirement<sup>2</sup>  
 3 - Arts and Humanities (Non-Lit.) Requirement<sup>3</sup>  
 6 - Elective  
 17

**Second Semester**

- 1 - PRTM 198 Creative Inquiry—PRTM I  
 2 - PRTM 221 Delivery Systems for Parks,  
 Recreation, and Tourism  
 3 - PRTM 222 Program and Event Planning in  
 Parks, Recreation, and Tourism  
 4 - PRTM 223 Administration/Management in  
 Parks, Recreation, and Tourism  
 2 - PRTM 224 Legal Aspects of Parks, Recreation,  
 and Tourism  
 12

**Summer**

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

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

- 3 - ENGL 304 Business Writing *or*  
 3 - ENGL 314 Technical Writing  
 2 - PRTM 298 Creative Inquiry—PRTM II  
 12 - Concentration Requirement<sup>4</sup>  
 17

**Second Semester**

- 2 - PRTM 398 Creative Inquiry—PRTM III  
 1 - PRTM 404 Field Training I  
 12 - Concentration Requirement<sup>4</sup>  
 15

**Summer**

- 6 - PRTM 405 Field Training II

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

- 1 - PRTM 498 Creative Inquiry—PRTM IV  
 12 - Concentration Requirement<sup>4</sup>  
 13

**Second Semester**

- 12 - Concentration Requirement<sup>4</sup>  
 12

124 Total Semester Hours

<sup>1</sup>EX ST 222, 301, or MTHSC 203

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

<sup>3</sup>A A H 210, MUSIC 210, REL 101, or 102

<sup>4</sup>See advisor.

**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**

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 - GEOG 103 World Regional Geography  
 3 - Mathematics Requirement<sup>1</sup>  
 3 - Elective  
15

**Second Semester**

3 - BIOL 220 Biology: Concepts, Issues, Values  
 3 - ECON 211 Principles of Microeconomics  
 3 - ENGL 103 Accelerated Composition  
 1 - PRTM 200 Profession and Practice in PRTM  
 5 - Elective  
15

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

3 - COMM 150 Intro. to Human Comm. *or*  
   3 - COMM 250 Public Speaking  
 2 - PRTM 220 Conceptual Foundations of Parks,  
   Recreation, and Tourism  
 3 - Arts and Humanities (Literature) Requirement<sup>2</sup>  
 3 - Arts and Humanities (Non-Lit.) Requirement<sup>3</sup>  
 6 - Elective  
17

**Second Semester**

1 - PRTM 198 Creative Inquiry—PRTM I  
 2 - PRTM 221 Delivery Systems for Parks,  
   Recreation, and Tourism  
 3 - PRTM 222 Program and Event Planning in  
   Parks, Recreation, and Tourism  
 4 - PRTM 223 Administration/Management in  
   Parks, Recreation, and Tourism  
 2 - PRTM 224 Legal Aspects of Parks, Recreation,  
   and Tourism  
12

**Summer**

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

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

3 - ENGL 304 Business Writing *or*  
   3 - ENGL 314 Technical Writing  
 2 - PRTM 298 Creative Inquiry—PRTM II  
 12 - Concentration Requirement<sup>4</sup>  
17

**Second Semester**

2 - PRTM 398 Creative Inquiry—PRTM III  
 1 - PRTM 404 Field Training I  
 12 - Concentration Requirement<sup>4</sup>  
15

**Summer**

6 - PRTM 405 Field Training II

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

1 - PRTM 498 Creative Inquiry—PRTM IV  
 12 - Concentration Requirement<sup>4</sup>  
13

**Second Semester**

12 - Concentration Requirement<sup>4</sup>  
12  
 124 Total Semester Hours

<sup>1</sup>EX ST 222, 301, or MTHSC 203

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

<sup>3</sup>A A H 210, MUSIC 210, REL 101, or 102

<sup>4</sup>See advisor.

## MINORS

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

Accounting	International Engineering and Science
Adult/Extension Education	Legal Studies
Aerospace Studies	Management
Agricultural Business Management	Management Information Systems
Agricultural Mechanization and Business	Mathematical Sciences— <i>not open to Mathematics Teaching or Secondary Education—Mathematics majors</i>
American Sign Language Studies	Microbiology
Animal and Veterinary Sciences	Military Leadership
Anthropology	Modern Languages— <i>not open to Secondary Education—Modern Languages majors</i>
Athletic Leadership	Music
Biochemistry	Natural Resource Economics
Bioengineering	Nonprofit Leadership
Biological Sciences— <i>not open to Science Teaching—Biological Sciences or Secondary Education—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>
Community Recreation, Sport, and Camp Management	Plant Pathology
Computer Science	Political Science— <i>not open to Secondary Education: Social Studies (Political Science) majors</i>
Crop and Soil Environmental Science	Psychology— <i>not open to Secondary Education: Social Studies (Psychology) majors</i>
East Asian Studies	Public Policy
Economics— <i>not open to Secondary Education: Social Studies (Economics) majors</i>	Religion
Education	Russian Area Studies
English	Science and Technology in Society
Entomology	Screenwriting
Entrepreneurship	Sociology— <i>not open to Secondary Education: Social Studies (Sociology) majors</i>
Environmental Engineering	Spanish-American Area Studies
Environmental Science and Policy	Textiles
Equine Business	Theatre
Film Studies	Therapeutic Recreation
Financial Management	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	
History— <i>not open to Secondary Education: Social Studies (History) majors</i>	
Horticulture	

See pages 36–39 for details.