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

ATHLETIC LEADERSHIP CERTIFICATE

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

EUGENE T. MOORE SCHOOL OF EDUCATION

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

TEACHER EDUCATION PROGRAMS

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

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

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

Criminal Records Check

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

Admission

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

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

Enrollment in Professional Courses

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

Change of Major

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

Graduation

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

Graduate Study

Clemson University offers programs leading to the Master of Arts in Teaching, Master of Education, Master of Human Resource Development, Specialist in Education, and Doctor of Philosophy degrees.
AGRICULTURAL EDUCATION
Bachelor of Science
The College of Health, Education and Human Development and the College of Agriculture, Forestry and Life Sciences conduct a cooperative program to produce agricultural teachers (grades 9–12) for South Carolina. See page 42 for the curriculum.

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

Freshman Year
First Semester
2 - ED 105 Orientation to Education
3 - HIST 173 The West and the World II
3 - MTHSC 115 Contemporary Mathematics for Elementary School Teachers I
3 - Foreign Language Requirement1
4 - Natural Science Requirement2
15

Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - ENGL 103 Accelerated Composition
3 - MTHSC 216 Geometry for Elementary School Teachers II
3 - Foreign Language Requirement1
3 - Elective
15

Sophomore Year
First Semester
3 - GEOG 103 World Regional Geography
3 - MTHSC 216 Geometry for Elementary School Teachers
3 - PSYCH 201 Introduction to Psychology
3 - Arts and Humanities (Literature) Requirement1
4 - Natural Science Requirement2
16

Second Semester
3 - ED EC 220 Family, School, and Community Relationships
3 - ED F 302 Educational Psychology
1 - ED F (CTE) 315 Technology Skills for Learning
3 - ED F 334 Child Growth and Development
3 - Arts and Humanities (NonLit) Requirement1
3 - Science and Tech. in Society Requirement4
16

Junior Year
First Semester
3 - ED EC 336 Social Development of Infants and Young Children1
3 - ED EL 310 Arts in the Elementary School4
3 - ED EL 321 Physical Education Methods and Content for Classroom Teachers5
3 - ED SP 370 Introduction to Special Education5
3 - Elective
15

Second Semester
3 - ED EC 300 Found. of Early Childhood Educ.6
3 - ED EC 420 Early Childhood Science6
3 - ED EC 450 Early Elementary Curriculum6
3 - ED F 301 Principles of American Education7
3 - EDLT 458 Early Literacy: Birth–Kindergarten6
3 - ED SP 375 Early Intervention for Infants and Children with Special Needs6
18

Senior Year
First Semester
3 - ED EC 400 Observation and Assessment in Clinical Settings2
3 - ED EC 430 Early Childhood Mathematics7
3 - ED EC 440 Integrated Language Arts and Social Studies in Primary Schools2
3 - ED EC 460 Critical Issues in Early Childhood Education1
1 - ED F 425 Instructional Technology Strategies2
3 - EDLT 459 Teaching Reading in the Early Grades: K–3
16

Second Semester
9 - ED EC 484 Directed Teaching in Early Childhood Education8
3 - ED EC 485 Early Childhood Capstone8
12

123 Total Semester Hours

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

*One biological science and one physical science course, each with laboratory, must be selected from General Education Requirements. See advisor.

*ENGL 212, 213, 214, or 215

*See General Education Requirements.

*Must be taken the fall semester of the junior year.

*Must be taken the spring semester of the senior year.

*Must be taken the spring semester of the junior year.

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

LITERACY, CULTURE AND DIVERSITY EMPHASIS AREA
Freshman Year
First Semester
4 - BIOL 109 Introduction to Life Science
2 - ED 105 Orientation to Education
3 - GEOG 103 World Regional Geography
3 - MTHSC 115 Contemporary Mathematics for Elementary School Teachers I
3 - Foreign Language Requirement1
15

Second Semester
3 - ED EC 300 Found. of Early Childhood Educ.6
3 - ED EC 420 Early Childhood Science6
3 - ED EC 450 Early Elementary Curriculum6
3 - ED F 301 Principles of American Education7
3 - EDLT 458 Early Literacy: Birth–Kindergarten6
3 - ED SP 375 Early Intervention for Infants and Children with Special Needs6
18

Senior Year
First Semester
3 - ED EC 400 Observation and Assessment in Clinical Settings2
3 - ED EC 430 Early Childhood Mathematics7
3 - ED EC 440 Integrated Language Arts and Social Studies in Primary Schools2
3 - ED EC 460 Critical Issues in Early Childhood Education1
1 - ED F 425 Instructional Technology Strategies2
3 - EDLT 459 Teaching Reading in the Early Grades: K–3
16

Second Semester
9 - ED EC 484 Directed Teaching in Early Childhood Education8
3 - ED EC 485 Early Childhood Capstone8
12

123 Total Semester Hours

*One biological science and one physical science course, each with laboratory, must be selected from General Education Requirements. See advisor.

*See General Education Requirements.

*Must be taken the fall semester of the junior year.

*Must be taken the spring semester of the senior year.

Sophomore Year
First Semester
3 - ED 105 Orientation to Education
3 - ED F 302 Educational Psychology
3 - ED F 334 Child Growth and Development
3 - ED SP 370 Introduction to Special Education
3 - ED LT 463 Teaching Reading and Writing to English Language Learners
3 - S T S 102 Survey of Sci. and Tech. in Society or
3 - S T S 102 Ideas, Machinery and Society
16

Junior Year
First Semester
3 - ED EL 310 Arts in the Elementary School
3 - ED F 302 Educational Psychology
3 - ED F 334 Child Growth and Development
3 - ED SP 370 Introduction to Special Education
3 - ED LT 463 Teaching Reading and Writing to English Language Learners
3 - S T S 102 Survey of Sci. and Tech. in Society or
3 - S T S 102 Ideas, Machinery and Society
16

Second Semester
3 - ED EL 405 Social Justice and 21st Cen. Learners
3 - ED EL 452 Elem. Methods in Math. Teaching
3 - ED EL 467 Pre-Prin. and Strat. for Teaching Engl. Speakers of Other Lang. in Elem. Classrooms
1 - ED F 425 Instructional Technology Strategies
3 - ED LT 463 Teaching Reading and Writing to English Language Learners
3 - ED LT 463 Teaching Reading and Writing to English Language Learners
16

Senior Year
(Courses must be taken as listed in both semesters.)
First Semester
3 - ED EL 401 Elementary Field Experience
3 - ED EL 451 Elem. Methods in Science Teaching
3 - ED EL 487 Elementary Methods in Social Studies Teaching
3 - ED EL 488 Elementary Methods in Language Arts Teaching
3 - ED LT 463 Teaching Reading and Writing to English Language Learners
15

Second Semester
3 - ED EL 405 Social Justice and 21st Cen. Learners
3 - ED EL 452 Elem. Methods in Math. Teaching
3 - ED EL 467 Pre-Prin. and Strat. for Teaching Engl. Speakers of Other Lang. in Elem. Classrooms
1 - ED F 425 Instructional Technology Strategies
3 - ED LT 463 Teaching Reading and Writing to English Language Learners
16

Third Semester
3 - ED EL 401 Elementary Field Experience
3 - ED EL 451 Elem. Methods in Science Teaching
3 - ED EL 487 Elementary Methods in Social Studies Teaching
3 - ED EL 488 Elementary Methods in Language Arts Teaching
3 - ED LT 463 Teaching Reading and Writing to English Language Learners
15
Second Semester
3 - ED EL 482 Capstone Sem. in Elem. Teaching
9 - ED EL 483 Directed Teaching in the Elem. Sch.
12
123 Total Semester Hours

1Two semesters (through 202) in the same modern foreign language (including American Sign Language) are required.
2ENGL 212, 213, 214 or 215

MATHEMATICS AND SCIENCE EMPHASIS AREA

Freshman Year
First Semester
4 - BIOL 109 Introduction to Life Science
2 - ED 105 Orientation to Education
3 - GEOG 103 World Regional Geography
3 - MTHSC 115 Contemporary Mathematics for Elementary School Teachers I
3 - Foreign Language Requirement1
15

Second Semester
3 - ENGL 103 Accelerated Composition
3 - HIST 101 History of the United States or 3 - HIST 102 History of the United States
3 - MTHSC 116 Contemporary Mathematics for Elementary School Teachers II
4 - PH SC 117 Intro. to Chemistry and Earth Science for Elementary Education Majors
3 - Foreign Language Requirement1
16

Sophomore Year
First Semester
3 - COMM 150 Intro. to Human Comm. or 3 - COMM 250 Public Speaking
3 - ED F 301 Principles of American Education
3 - MTHSC 216 Geometry for Elementary School Teachers
4 - PH SC 118 Intro. to Physics, Astronomy, and Earth Science for Elementary Education Majors
3 - Arts and Humanities (Literature) Requirement2
16

Second Semester
3 - ED EL 310 Arts in the Elementary School
3 - ED F 302 Educational Psychology
3 - ED F 334 Child Growth and Development
3 - ED SP 370 Introduction to Special Education
3 - ENGL 355 Children’s Literature
3 - ST S 101 Survey of Sci. and Tech. in Society or 3 - ST S 102 Ideas, Machinery and Society
18

Junior Year
First Semester
3 - ED EL 321 Physical Education Methods and Content for Classroom Teachers
3 - ED F 308 Classroom Assessment
3 - ED F 480 Dig. Tech. in the 21st Cen. Classroom
3 - EDLT 460 Teaching Reading in the Elementary Grades 2–6
3 - MTHSC 315 Advanced Topics in Mathematics for Elementary Teachers
15

Second Semester
3 - ED EL 452 Elem. Methods in Math. Teaching
1 - ED F 425 Instructional Technology Strategies
3 - EN SP 200 Introduction to Environmental Science
3 - EDLT 462 Reading and Responding to Literature in the Elementary School
3 - MTHSC 316 Prob. Solving for Math. Teachers
3 - Science Content Requirement1
16

Senior Year
(Courses must be taken as listed in both semesters.)
First Semester
3 - ED EL 401 Elementary Field Experience
3 - ED EL 451 Elem. Methods in Science Teaching
3 - ED EL 487 Elementary Methods in Social Studies Teaching
3 - ED EL 488 Elementary Methods in Language Arts Teaching
3 - EDLT 461 Content Area Reading: Grades 2–6
15

Second Semester
3 - ED EL 482 Capstone Sem. in Elem. Teaching
9 - ED EL 483 Directed Teaching in the Elem. Sch.
12
123 Total Semester Hours

1Two semesters (through 202) in the same modern foreign language (including American Sign Language) are required.
2ENGL 212, 213, 214 or 215.

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). (Note: The program leading to a Bachelor of Arts degree in Mathematics Teaching is designed for students planning to teach mathematics on the secondary school level.) To be recommended for certification, students must earn a grade of C or higher in all mathematics content courses.

Freshman Year
First Semester
4 - CH 105 Chemistry in Context I
2 - ED 105 Orientation to Education
4 - MTHSC 106 Calculus of One Variable I
3 - PHIL 102 Introduction to Logic
3 - Cross-Cultural Awareness Requirement1
16

Second Semester
4 - CH 106 Chemistry in Context II
3 - ENGL 103 Accelerated Composition
4 - MTHSC 108 Calculus of One Variable II
3 - MTHSC 119 Intro to Discrete Methods or 3 - MTHSC 129 Prob. Solving in Discrete Math.
3 - Science Requirement2
17

Sophomore Year
First Semester
3 - COMM 150 Intro. to Human Comm. or 3 - COMM 250 Public Speaking
3 - EDSEC 226 A Prof. Approach to Sec. Algebra
3 - MTHSC 206 Calculus of Several Variables
3 - PHYS 122 Physics with Calculus I
1 - PHYS 124 Physics Lab. I
3 - Arts and Humanities (Literature) Requirement3
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 - MTHSC 302 Statistics for Science and Engr.
3 - SOC 201 Introduction to Sociology or 3 - SOC 202 Social Problems
3 - Science Requirement2
15

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

Senior Year
First Semester
1 - ED F 425 Instructional Technology Strategies4
3 - EDSEC 426 Teaching Secondary Mathematics4
3 - EDLT 498 Secondary Content Area Reading4
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
16

Second Semester
9 - EDSEC 446 Teaching Internship in Secondary Mathematics5
3 - EDSEC 456 Secondary Math. Capstone Sem.3
12
126 Total Semester Hours

1See General Education Requirements.
2Select from courses in ASTR, BIOL, BIOSC, CH, E N R, EN SP, ENT, FOR, F N R, GEN, GEOL or PHYS course chosen in conjunction with advisor.
3ENGL 212, 213, 214 or 215.
4Any ASTR, BIOL, BIOSC, CH, E N R, EN SP, ENT, FOR, F N R, GEN, GEOL or PHYS course chosen in conjunction with advisor.
5Offered fall semester only. Offered spring semester only.
### Bachelor of Arts

#### SCIENCE TEACHING

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

#### Double Majors in Science Teaching and Content Area

The Bachelor of Arts Degree in Science Teaching will result in a double major in Science Teaching and the select content area (Biological Science, Chemistry, or Physics). To achieve the double major, the plan of study listed under Science Teaching must be followed. The double major prepares students for teaching science on the secondary level and graduate work in the respective content field.

#### TEACHING AREA:

**BIOLOGICAL SCIENCES**

#### Bachelor of Arts

##### Freshman Year

**First Semester**
- ENGL 103 Accelerated Composition
- CH 102 General Chemistry
- BIOL 111 Principles of Biology II
- PHYS 208 General Physics II
- ED 301 Principles of American Education
- BIOSC 316 Human Physiology
- HIST 124 Environmental History Survey
- HIST 122 History, Technology, and Society
- CH 201 Survey of Organic Chemistry
- PHYS 207 General Physics I
- PHYS 209 General Physics I Lab.
- BIOCHEM or Genetics Requirement

**Second Semester**
- PHYS 210 General Physics II
- BIOSC 335 Evolutionary Biology
- BIOSC 482 Lab. Techniques for Teaching Sci.
- ED 303 Adolescent Growth and Development
- ENGL 315 Scientific Writing and Comm.
- Animal or Plant Diversity Requirement
- Ecology Requirement
- Arts and Humanities (Non-Lit.) Requirement

**Junior Year**

**First Semester**
- COMM 150 Intro. to Human Communication or
- COMM 250 Public Speaking
- ED SP 370 Introduction to Special Education
- EDSEC 427 Teaching Secondary Science
- EDLT 498 Secondary Content Area Reading
- GEOG 103 World Regional Geography
- Arts and Humanities (Non-Lit.) Requirement

**Second Semester**
- EDSEC 447 Teaching Internship in Sec. Sci.
- EDSEC 457 Sec. Science Capstone Seminar

**Senior Year**

**First Semester**
- ENGL 212, 213, 214, or 215
- EX ST 301, MTHSC 203, 301, or 309
- BIOL 106 General Biology Lab. II
- BIOL 110 Principles of Biology II
- CH 101 General Chemistry
- EDUC 327 Practicum in Secondary Science
- BIOL 105 General Biology Lab. I
- BIOL 103 General Biology I and
- Foreign Language Requirement

**Second Semester**
- BIOL 104 General Biology I and
- CH 102 General Chemistry
- ENGL 103 Accelerated Composition
- Foreign Language Requirement
- Statistics Requirement

**Sophomore Year**

**First Semester**
- CH 201 Survey of Organic Chemistry
- HIST 122 History, Technology, and Society or
- HIST 124 Environmental History Survey
- PHYS 207 General Physics I
- PHYS 209 General Physics I Lab.
- Arts and Humanities (Literature) Requirement
- BIOCHEM or Genetics Requirement

**Second Semester**
- PHYS 210 General Physics II
- BIOSC 335 Evolutionary Biology
- BIOSC 482 Lab. Techniques for Teaching Sci.
- EDSEC 327 Practicum in Secondary Science
- Ecology Requirement
- Arts and Humanities (Non-Lit.) Requirement

**Junior Year**

**First Semester**
- ENGL 315 Scientific Writing and Comm.
- ED 303 Adolescent Growth and Development
- BIOL 105 General Biology Lab. I
- BIOL 103 General Biology I and
- Foreign Language Requirement

**Second Semester**
- BIOL 104 General Biology I and
- CH 101 General Chemistry
- COMM 150 Intro. to Human Communication or
- COMM 250 Public Speaking
- MTHSC 106 Calculus of One Variable I
- ED 105 Orientation to Education
- CH 101 General Chemistry
- BIOL 110 Principles of Biology II
- BIOL 105 General Biology Lab. I
- BIOL 103 General Biology I and
- Statistics Requirement

**Senior Year**

**First Semester**
- ENGL 315 Scientific Writing and Comm.
- ED 303 Adolescent Growth and Development
- BIOL 105 General Biology Lab. I
- BIOL 103 General Biology I and
- Foreign Language Requirement

**Second Semester**
- BIOL 104 General Biology I and
- CH 101 General Chemistry
- COMM 150 Intro. to Human Communication or
- COMM 250 Public Speaking
- MTHSC 106 Calculus of One Variable I
- Arts and Humanities (Non-Lit.) Requirement

**Bachelor of Science**

#### Freshman Year

**First Semester**
- BIOL 103 General Biology I and
- BIOL 105 General Biology Lab. I or
- BIOL 110 Principles of Biology
- CH 101 General Chemistry
- ED 105 Orientation to Education
- MTHSC 106 Calculus of One Variable I
- BIOL 105 General Biology Lab. I
- BIOL 103 General Biology I and
- Foreign Language Requirement

**Second Semester**
- BIOL 104 General Biology I and
- CH 102 General Chemistry
- ENGL 103 Accelerated Composition
- Foreign Language Requirement
- Statistics Requirement

**Sophomore Year**

**First Semester**
- CH 201 Survey of Organic Chemistry
- HIST 122 History, Technology, and Society or
- HIST 124 Environmental History Survey
- PHYS 207 General Physics I
- PHYS 209 General Physics I Lab.
- Arts and Humanities (Literature) Requirement
- BIOCHEM or Genetics Requirement

**Second Semester**
- PHYS 210 General Physics II
- BIOSC 335 Evolutionary Biology
- BIOSC 482 Lab. Techniques for Teaching Sci.
- EDSEC 327 Practicum in Secondary Science
- Ecology Requirement
- Arts and Humanities (Non-Lit.) Requirement

**Junior Year**

**First Semester**
- BIOL 103 General Biology I and
- BIOL 105 General Biology Lab. I or
- BIOL 110 Principles of Biology
- CH 101 General Chemistry
- COMM 150 Intro. to Human Communication or
- COMM 250 Public Speaking
- MTHSC 106 Calculus of One Variable I
- Arts and Humanities (Non-Lit.) Requirement

**Second Semester**
- BIOL 104 General Biology I and
- CH 102 General Chemistry
- ENGL 103 Accelerated Composition
- Foreign Language Requirement
- Statistics Requirement

**Senior Year**

**First Semester**
- BIOL 103 General Biology I and
- BIOL 105 General Biology Lab. I or
- BIOL 110 Principles of Biology
- CH 101 General Chemistry
- COMM 150 Intro. to Human Communication or
- COMM 250 Public Speaking
- MTHSC 106 Calculus of One Variable I
- Arts and Humanities (Non-Lit.) Requirement
Bachelor of Arts

### Freshman Year

#### First Semester
- 4 - CH 101 General Chemistry
- 1 - CH 141 Chemistry Orientation
- 3 - ENGL 103 Accelerated Composition
- 4 - MTHSC 106 Calculus of One Variable I
- 3 - Foreign Language Requirement<br>15

#### Second Semester
- 4 - CH 102 General Chemistry
- 2 - CH 152 Chemistry Communication I
- 4 - MTHSC 108 Calculus of One Variable II
- 3 - PHYS 122 Physics with Calculus I
- 1 - PHYS 124 Physics Laboratory I
- 3 - Foreign Language Requirement<br>17

### Sophomore Year

#### First Semester
- 3 - CH 223 Organic Chemistry
- 1 - CH 227 Organic Chemistry Laboratory
- 2 - ED 105 Orientation to Education
- 3 - HIST 122 History, Technology and Society<br>or
- 3 - HIST 124 Environmental History Survey
- 3 - PHYS 221 Physics with Calculus II
- 1 - PHYS 223 Physics Laboratory II
- 3 - Arts and Humanities (Non-Lit.) Requirement<br>3
- 16

#### Second Semester
- 3 - CH 205 Intro. to Inorganic Chemistry
- 3 - CH 224 Organic Chemistry
- 1 - CH 228 Organic Chemistry Laboratory
- 3 - ED F 301 Principles of American Education
- 1 - ED F 315 Technology Skills for Learning
- 3 - PHYS 222 Physics with Calculus III<br>14

### Junior Year

#### First Semester
- 3 - BIOL 103 General Biology I and
- 1 - BIOL 105 General Biology Laboratory I or
- 5 - BIOL 110 Principles of Biology I
- 3 - CH 313 Quantitative Analysis
- 1 - CH 317 Quantitative Analysis Laboratory
- 3 - CH 330 Introduction to Physical Chemistry
- 3 - EDSEC 327 Practicum in Secondary Science<br>14-15

#### Second Semester
- 3 - BIOL 104 General Biology II and
- 1 - BIOL 106 General Biology Laboratory II or
- 5 - BIOL 111 Principles of Biology II
- 3 - BIOSC 482 Laboratory Techniques for Teaching Science
- 3 - ED F 302 Educational Psychology
- 3 - ED F 335 Adolescent Growth and Development
- 3 - Statistics Requirement<br>16-17

### Senior Year

#### First Semester
- 3 - ED SP 370 Introduction to Special Education
- 3 - EDSEC 472 Teaching Secondary Science<br>1
- 3 - EDLT 498 Secondary Content Area Reading<br>or
- 3 - GEOG 103 World Regional Geography
- 3 - Arts and Humanities (Literature) Requirement<br>15

#### Second Semester
- 3 - CH 450 Chemistry Capstone
- 1 - CH 452 Chemistry Communication II
- 9 - EDSEC 447 Teaching Internship in Sec. Sci.<br>or
- 3 - EDSEC 457 Sec. Science Capstone Seminar<br>16

123–125 Total Semester Hours

### Bachelor of Science

### Freshman Year

#### First Semester
- 4 - CH 101 General Chemistry
- 3 - COMM 150 Intro. Human Communication or
- 3 - COMM 250 Public Speaking
- 2 - ED 105 Orientation to Education
- 3 - HIST 122 History, Technology, and Society or
- 3 - HIST 124 Environmental History Survey
- 3 - PHYS 221 Physics with Calculus II
- 1 - PHYS 223 Physics Laboratory I
- 3 - Arts and Humanities (Non-Lit.) Requirement<br>3
- 16

#### Second Semester
- 3 - CH 205 Intro. to Inorganic Chemistry
- 3 - CH 224 Organic Chemistry
- 1 - CH 228 Organic Chemistry Laboratory
- 3 - ED F 301 Principles of American Education
- 1 - ED F 315 Technology Skills for Learning
- 3 - PHYS 222 Physics with Calculus III<br>14

### Sophomore Year

#### First Semester
- 3 - BIOL 103 General Biology I and
- 1 - BIOL 105 General Biology Laboratory I or
- 5 - BIOL 110 Principles of Biology I
- 3 - CH 313 Quantitative Analysis
- 1 - CH 317 Quantitative Analysis Laboratory
- 3 - CH 330 Introduction to Physical Chemistry
- 3 - EDSEC 327 Practicum in Secondary Science<br>14-15

#### Second Semester
- 3 - BIOL 104 General Biology II and
- 1 - BIOL 106 General Biology Laboratory II or
- 5 - BIOL 111 Principles of Biology II
- 3 - BIOSC 482 Laboratory Techniques for Teaching Science
- 3 - ED F 302 Educational Psychology
- 3 - ED F 335 Adolescent Growth and Development
- 3 - Statistics Requirement<br>16-17

### Second Semester
- 3 - BIOL 104 General Biology II
- 1 - BIOL 106 General Biology Lab. II or
- 5 - BIOL 111 Principles of Biology II
- 3 - CH 205 Intro. to Inorganic Chemistry
- 3 - ED F 301 Principles of American Education
- 1 - ED F (CTE) 315 Technology Skills for Learning
- 3 - PHYS 222 Physics with Calculus III
- 1 - PHYS 224 Physics Lab. III<br>15-16

### Junior Year

#### First Semester
- 3 - ASTR 105 Physics of the Universe<br>or
- 3 - ASTR 102 Stellar Astronomy and
- 1 - ASTR 104 Stellar Astronomy Lab.
- 3 - CH 313 Quantitative Analysis
- 1 - CH 317 Quantitative Analysis Lab.
- 3 - CH 330 Introduction to Physical Chemistry
- 3 - EDSEC 327 Practicum in Secondary Science
- 3 - Arts and Humanities (Literature) Requirement<br>15

#### Second Semester
- 3 - BIOSC 482 Lab. Techniques for Teaching Sci.
- 3 - ED F 302 Educational Psychology
- 3 - ED F 335 Adolescent Growth and Development
- 3 - Social Science Requirement<br>3
- 3 - Statistics Requirement<br>3
- 16-17

### Senior Year

#### First Semester
- 3 - ED SP 370 Introduction to Special Education
- 3 - EDLT 498 Secondary Content Area Reading<br>or
- 3 - EDSEC 472 Teaching Secondary Science<br>1
- 3 - PHIL 324 Philosophy of Technology or
- 3 - PHIL 325 Philosophy of Science or
- 3 - PHIL 326 Science and Values
- 3 - PHYS 311 Intro. to Meth. of Theoretical Phys.<br>15

#### Second Semester
- 9 - EDSEC 447 Teaching Internship in Sec. Sci.<br>or
- 3 - EDSEC 457 Sec. Science Capstone Seminar<br>12

120–123 Total Semester Hours

1 - ENGL 212, 213, 214, or 215
2 - ANTH 201, GEOG 103, PSOC 102, or 104
3 - EX ST 301, MTHSC 203, 301, or 309
4 - To be taken the semester prior to EDSEC 447 and 457. EDSEC 427 and EDLT 498 must be taken concurrently. Offered fall semester only.
5 - To be taken the semester prior to EDSEC 447 and 457. EDSEC 427 and EDLT 498 must be taken concurrently. Offered spring semester only.

### TEACHING AREA: PHYSICS

### Bachelor of Arts

#### Freshman Year

#### First Semester
- 3 - PHYS 124 Physics Laboratory I
- 2 - CH 102 General Chemistry
- 1 - CH 124 Organic Chemistry
- 1 - CH 128 Organic Chemistry Laboratory
- 1 - CH 251 Intro. to Inorganic Chemistry
- 1 - CH 222 Physics with Calculus I
- 1 - CH 223 Physics Laboratory I
- 3 - Arts and Humanities (Non-Lit.) Requirement<br>16
- 9

#### Second Semester
- 3 - PHYS 122 Physics with Calculus I
- 2 - PHYS 124 Physics Laboratory I
- 3 - Foreign Language Requirement<br>17
**Second Semester**
- 4 - CH 102 General Chemistry
- 4 - MTHSC 108 Calculus of One Variable II
- 3 - PHYS 122 Physics with Calculus I
- 1 - PHYS 124 Physics Laboratory I
- 3 - Arts and Humanities (Non-Lit.) Requirement
- 3 - Foreign Language Requirement

128–130 Total Semester Hours

### Sophomore Year

**First Semester**
- 5 - BIOL 110 Principles of Biology I or 3 - BIOL 103 General Biology I and 1 - BIOL 105 General Biology I Lab.
- 2 - ED 105 Orientation to Education
- 4 - MTHSC 206 Calculus of Several Variables
- 3 - PHYS 221 Physics with Calculus II
- 1 - PHYS 223 Physics Laboratory II
- 3 - Social Science Requirement

**Second Semester**
- 5 - BIOL 111 Principles of Biology II or 3 - BIOL 104 General Biology II and 1 - BIOL 106 General Biology II Lab.
- 3 - ED F 301 Principles of American Education
- 4 - MTHSC 208 Intro. to Ordinary Diff. Equations
- 3 - PHYS 222 Physics with Calculus III
- 1 - PHYS 224 Physics Laboratory III

15-16

### Junior Year

**First Semester**
- 3 - CH 331 Physical Chemistry
- 1 - ED F 315 Tech. Skills for Learning
- 3 - EDSEC 327 Practicum in Secondary Science
- 3 - MTHSC 434 Advanced Engineering Math. or 3 - PHYS 311 Intro. to the Methods of Theoretical Physics
- 3 - PHYS 321 Mechanics I
- 3 - PHYS 325 Experimental Physics I

16

**Second Semester**
- 3 - BIOSEC 482 Lab. Techniques for Teaching Sci.
- 3 - ED F 302 Educational Psychology
- 3 - ED F 335 Adolescent Growth and Develop.
- 3 - PHYS 441 Electromagnetics I
- 3 - Oral Communication Requirement

15

### Senior Year

**First Semester**
- 3 - EDSEC 427 Teaching Secondary Science
- 3 - ED F 302 Educational Psychology
- 3 - ENGL 310 Critical Writing About Literature
- 3 - ED F 302 Introduction to Special Education
- 3 - Social Science Requirement

15

**Second Semester**
- 3 - ED SP 370 Introduction to Special Education
- 3 - EDSEC 447 Teaching Internship in Secondary Science
- 3 - EDSEC 457 Sec. Science Capstone Seminar

128–130 Total Semester Hours

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**SECONDARY EDUCATION**

The Bachelor of Arts degree in Secondary Education is available to students preparing to teach English and mathematics on the secondary school level (grades 9–12). The teaching field should be selected as early as possible so appropriate freshman and sophomore courses may be taken.

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

### TEACHING AREA: ENGLISH

The Bachelor of Arts Degree in Secondary Education—English offers a double major in Secondary Education—English and English.

**Freshman Year**

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

14

**Second Semester**
- 3 - BIOSEC 200 Biology in the News
- 3 - ENGL 212 World Literature
- 3 - HIST 173 The West and the World II
- 4 - Natural Science Requirement

16

### Sophomore Year

**First Semester**
- 3 - ED F 301 Principles of American Education
- 3 - ED F 302 Educational Psychology
- 3 - ENGL 103 Critical Writing About Literature
- 3 - ENGL 380 Adolescent Literature
- 3 - English Literature Survey Requirement

15

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

16

### Junior Year

**First Semester**
- 3 - EDSEC 324 Teaching Secondary English
- 3 - ENGL 411 Shakespeare
- 3 - English Literature Survey Requirement
- 3 - Literature Emphasis Area Requirement
- 3 - Social Science Requirement

15

**Second Semester**
- 3 - EDSEC 444 Teaching Intern. in Secondary English
- 3 - EDSEC 454 Secondary English Capstone Seminar

15

121 Total Semester Hours

**Senior Year**

**First Semester**
- 3 - ED F 425 Instructional Technology Strategies
- 9 - EDSEC 444 Teaching Intern. in Secondary English
- 3 - EDSEC 454 Secondary English Capstone Seminar

15

**Second Semester**
- 1 - ED F 425 Instructional Technology Strategies
- 3 - ENGL 485 Composition for Teachers
- 3 - ENGL 496 English Senior Seminar
- 3 - EDLT 498 Secondary Content Area Reading

15

### TEACHING AREA: MATHEMATICS

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

Freshman Year

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

Second Semester
4 - MTHSC 108 Calculus of One Variable II
3 - MTHSC 119 Intro to Discrete Methods or
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
17

Sophomore Year

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

Junior Year

First Semester
3 - ED F 301 Principles of American Education
3 - EDSEC 326 Practicum in Secondary Math.
3 - MTHSC 302 Statistics for Science and Engr.
3 - MTHSC 400 Theory of Probability
3 - Cross-Cultural Awareness Requirement
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
3 - EDLT 498 Secondary Content Area Reading
3 - EDSEC 426 Teaching Secondary Mathematics
3 - MTHSC 408 Topics in Geometry
3 - MTHSC 453 Advanced Calculus I
16

Second Semester
9 - EDSEC 446 Teaching Internship in Secondary Mathematics
12
125 Total Semester Hours

TEACHING AREA: SOCIAL STUDIES (HISTORY)
The Bachelor of Arts Degree in Secondary Education—Social Studies (History) offers a double major in Secondary Education—Social Studies (History) and History.

Freshman Year

First Semester
2 - ED 105 Orientation to Education
3 - ENGL 103 Accelerated Composition
3 - MTHSC 101 Essential Math. for Informed Soc.
3 - Foreign Language Requirement
4 - Natural Science Requirement
15

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

Sophomore Year

First Semester
3 - ECON 200 Economic Concepts
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
15

Second Semester
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
4 - HIST 299 Seminar: The Historian’s Craft
3 - Advanced Humanities Requirement
3 - Arts and Humanities (Non-Lit.) Requirement
17

Junior Year

First Semester
3 - ED F (HIST) 320 History of U.S. Public Educ.
3 - ED F 335 Adolescent Growth and Development
3 - EDSEC 328 Practicum in Secondary Social Studies
9 - Teaching Major
18

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

Senior Year

First Semester
1 - ED F 425 Instructional Technology Strategies
3 - ED SP 370 Introduction to Special Education
3 - EDSEC 428 Teaching Secondary Social Studies
3 - EDLT 498 Secondary Content Area Reading
3 - HIST 490 Senior Seminar
2 - Advanced Humanities Requirement
16

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

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
2 - ED 105 Orientation to Education
3 - HIST 124 Environmental History Survey
3 - HIST 122 History, Technology, and Society
3 - MTHSC 115 Contemporary Mathematics for Elementary School Teachers
3 - Foreign Language Requirement
4 - Natural Science Requirement
15
Second Semester

1. ED SP 495 Written Communication and Collaboration for the Resource Teacher
2. ED SP 498 Directed Teaching in Special Education

124 Total Semester Hours

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

HEALTH PROMOTION AND EDUCATION CONCENTRATION

Freshman Year

First Semester

1. BIOL 103 General Biology I
2. BIOL 105 General Biology Lab, I
3. BIOL 110 Principles of Biology I
4. HLTH 202 Introduction to Public Health
5. PSYCH 201 Introduction to Psychology
6. SOC 201 Introduction to Sociology
7. Elective

14-15

Second Semester

1. ED EL 310 Arts in the Elementary School
2. ED SP 372 and 374 must be taken concurrently during the spring semester of the junior year.
3. HIST 101, 102, 172, 173, or 193
4. ED EL 451, ED SP 373, and 491, and EDLT 460 must be taken concurrently during the spring semester of the junior year.
5. ED F 425, ED SP 493, 494, 496, and 497 must be taken concurrently during the spring semester of the senior year.
6. ED SP 495 and 498 must be taken concurrently during the spring semester of the senior year.

JUNIOR YEAR

First Semester

1. BIOL 110 Principles of Biology I
2. BIOL 103 General Biology I
3. ED SP 372 Char. and Instruction of Individuals with Learning Disabilities
4. ED SP 374 Char. and Strat. for Individuals with Emotional/Behavioral Disorders
5. History Requirement
6. Elective

15

Second Semester

1. ED EL 451 Elem. Meth. in Science Teaching
2. ED EL 487 Elementary Methods in Social Studies Teaching
3. ED SP 373 Characteristics and Instruction of Individuals with Intellectual Disabilities and Autism
4. ED SP 491 Educational Assessment of Individuals with Disabilities
5. EDLT 460 Teaching Reading in the Elementary Grades: 2–6

15

Senior Year

First Semester

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

16
Senior Year
First Semester
5 - HLTH 420 Health Science Internship
6 - Health Requirement
3 - Elective
14
Second Semester
3 - Arts and Humanities (Literature) Requirement
6 - Guided Requirement
3 - Health Requirement
3 - Elective
15
120–121 Total Semester Hours

1See General Education Requirements. Three of these credit hours must also satisfy the Cross-Cultural Awareness Requirement.
2See advisor.
3Any HLTH course not otherwise required
4Internship may be done fall, spring, or summer after completing HLTH 419. A grade-point ratio of 2.0 is required for registration.

HEALTH SERVICES ADMINISTRATION CONCENTRATION
Freshman Year
First Semester
3 - ECON 211 Principles of Microeconomics
3 - HLTH 202 Introduction to Public Health
4 - Natural Science Requirement
3 - Social Science Requirement
2 - Elective
15
Second Semester
3 - ECON 212 Principles of Macroeconomics
3 - ENGL 103 Accelerated Composition
3 - HLTH 203 Overview of Health Care Systems
3 - Guided Requirement
34 - Mathematics Requirement
15-16

Sophomore Year
First Semester
3 - ACCT 201 Financial Accounting Concepts
3 - C R D (AP EC, HLTH) 361 Introduction to Health Care Economics
3 - HLTH 298 Human Health and Disease
3 - Health Requirement
3 - Statistics Requirement
15
Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - HLTH 240 Determinants of Health Behavior
3 - MGT 201 Principles of Management
3 - Guided Requirement
3 - Social Science Requirement
15
Junior Year
First Semester
3 - HLTH 380 Epidemiology
3 - LAW 322 Legal Environment of Business
3 - MKT 301 Principles of Marketing
3 - Guided Requirement
3 - Elective
15
Second Semester
1 - HLTH 419 Health Science Internship Preparation Seminar
3 - HLTH 490 Research and Evaluation Strategies for Public Health
3 - Arts and Humanities (Literature) Requirement
3 - Guided Requirement
3 - Health Requirement
3 - Elective
16
Senior Year
First Semester
3 - FIN 306 Corporation Finance
5 - HLTH 420 Health Science Internship
3 - HLTH 440 Managing Health Service Org.
3 - HLTH 460 Health Information Systems
14
Second Semester
3 - HLTH 473 Principles of Health Care Operations Management and Research
3 - HLTH 478 Health Policy Ethics and Law
3 - HLTH 479 Financial Management and Budgeting for Health Service Organizations
3 - Arts and Humanities (Non-Lit.) Requirement
3 - Guided Requirement
15
120–121 Total Semester Hours

1See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.
2See advisor. Courses in Spanish are strongly recommended.
3Any HLTH course not otherwise required
4Internship may be done fall, spring, or summer after completing HLTH 419.

CARDIOVASCULAR IMAGING LEADERSHIP CONCENTRATION
Freshman Year
First Semester
3 - BIOL 103 General Biology I and
3 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology I
4 - CH 101 General Chemistry
3 - HLTH 202 Introduction to Public Health
3 - Social Science Requirement
14-15
Second Semester
3 - BIOL 104 General Biology II and
1 - BIOL 106 General Biology Lab. II or
5 - BIOL 111 Principles of Biology II
4 - CH 102 General Chemistry
3 - ENGL 103 Accelerated Composition
3 - HLTH 203 Overview of Health Care Systems
3 - Mathematics Requirement
17-19
Sophomore Year
First Semester
4 - BIOSC 222 Human Anatomy and Phys. I
3 - CVT 225 Ultrasound Physics
3 - HLTH 298 Human Health and Disease
3 - PHYS 207 General Physics I
1 - PHYS 209 General Physics I Laboratory
3 - Statistics Requirement
17
Second Semester
4 - BIOSC 223 Human Anatomy and Physiology II
3 - COMM 150 Intro. to Human Communication or
3 - COMM 250 Public Speaking
3 - CVT 226 Intro. to Cardiovascular Sonography
3 - HEHD 400 Intro. to Leadership Theories and Concepts
3 - HLTH 240 Determinants of Health Behavior
16
Junior Year
First Semester
4 - CVT 325 Echocardiography Principles
4 - CVT 335 Vascular Sonography Principles
3 - HLTH 380 Epidemiology
3 - Arts and Humanities (Literature) Requirement
14
Second Semester
4 - CVT 326 Echocardiography Methods
4 - CVT 336 Vascular Sonography Methods
3 - HEHD 410 Leadership Behav. and Civil Engage.
3 - HLTH 490 Research and Evaluation Strategies for Public Health
3 - Arts and Humanities (Non-Lit.) Requirement
17
Summer
6 - CVT 424 CVS Field Experience I
Senior Year
First Semester
6 - CVT 425 CVS Field Experience II
3 - HEHD 420 Leadership Appl. and Experience
3 - Social Sciences Requirement
12
Second Semester
6 - CVT 426 CVS Field Experience III
3 - Health Requirement
3 - Elective
12
125–128 Total Semester Hours

*See General Education Requirements. Six of these credits must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.
PREPROFESSIONAL HEALTH STUDIES CONCENTRATION

Freshman Year
First Semester
3 - BIOL 103 General Biology I
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology I
4 - CH 101 General Chemistry
3 - HLTH 202 Introduction to Public Health
3 - Social Science Requirement¹
14-15

Second Semester
3 - BIOL 104 General Biology II and
1 - BIOL 106 General Biology Lab. II or
5 - BIOL 111 Principles of Biology II
4 - CH 102 General Chemistry
3 - ENGL 103 Accelerated Composition
3 - HLTH 203 Overview of Health Care Systems
34 - Mathematics Requirement²
17-19

Sophomore Year
First Semester
4 - BIOSC 222 Human Anatomy and Phys. I
3 - HLTH 298 Human Health and Disease
3 - Guided Requirement³
1 - Health Requirement⁴
3 - Statistics Requirement⁵
16

Second Semester
4 - BIOSC 223 Human Anatomy and Phys. II
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - HLTH 240 Determinants of Health Behavior
3 - Social Science Requirement¹
3 - Elective⁶
16

Junior Year
First Semester
3 - HLTH 380 Epidemiology
3 - PHYS 207 General Physics I
1 - PHYS 209 General Physics I Lab.
4 - Guided Requirement⁷
3 - Health Requirement⁴
1 - Elective⁶
15

Second Semester
1 - HLTH 419 Health Science Internship Preparation Seminar
3 - HLTH 490 Research and Evaluation Strategies for Public Health
3 - PHYS 208 General Physics II
1 - PHYS 210 General Physics II Lab.
3 - Arts and Humanities (Non-Lit.) Requirement¹
4 - Guided Requirement⁷
15

Senior Year
First Semester
5 - HLTH 420 Health Science Internship⁷
3 - Arts and Humanities (Literature) Requirement¹
3 - Health Requirement⁴
3 - Elective⁶
14

Second Semester
3 - Guided Requirement³
3 - Health Requirement⁴
7 - Elective⁶
13
120–123 Total Semester Hours

¹See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.
²MTHSC 101, 102, or 106
³See advisor. Courses in Spanish are strongly recommended.
⁴Any HLTH course not otherwise required
⁵EX ST 301, MTHSC 203, 301, or 309
⁶Physician’s Assistant, predentistry, and premedicine students may also need BIOSC 301 and eight credit hours of organic chemistry. Some programs also require a course in microbiology. Internship must be completed in one or two semesters. Internship may be done fall, spring, or summer after completing HLTH 419. Prior approval is required for summer internships.
⁷See General Education Requirements. Any HLTH course not otherwise required.

LANGUAGES AND INTERNATIONAL HEALTH

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

NURSING

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

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

To comply with clinical agency contract requirements and South Carolina law, students enrolled in nursing courses with a clinical laboratory must meet specific requirements listed in the School of Nursing Student Handbook at www.clemson.edu/hehd/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 Examina-
tion (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. 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 2.0 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. Information regarding the admission process to the Accelerated Second Degree nursing program can be found on the School of Nursing website.

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

Freshman Year
First Semester¹
3 - BIOL 103 General Biology I
1 - BIOL 105 General Biology Lab. I
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
2 - NURS 102 Nursing Success Skills
3 - NURS 140 Computer Appl. in Health Care
3 - SOC 201 Introduction to Sociology
15

Second Semester
4 - CH 101 General Chemistry
3 - MTHSC 203 Elementary Statistical Inference
3 - PSYCH 201 Introduction to Psychology
3 - Arts and Humanities (Non-Lit.) Requirement²
16
### Sophomore Year

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

15

**Second Semester**
- 4 - BIOSC 223 Human Anatomy and Phys. II
- 3 - NURS 320 Professionalism in Nursing
- 3 - NURS (H CG) 333 Health Care Genetics
- 3 - Cross-Cultural Awareness Requirement\(^2\)
- 2 - Elective

16

### Junior Year

**First Semester**
- 3 - ENGL 304 Business Writing or
- 3 - ENGL 314 Technical Writing or
- 3 - ENGL 315 Scientific Writing and Communication
- 3 - NURS 304 Pathophysiology for Health Care Professionals
- 3 - NURS 310 Health Assessment
- 4 - NURS 312 Medical-Surgical I: Foundations of Nursing
- 3 - NURS 340 Pharmacotherapeutic Nursing Interventions

16

**Second Semester**
- 7 - NURS 303 Medical-Surg. II: Nursing of Adults
- 3 - NURS 305 Psychosocial Nursing
- 2 - NURS 311 Health Promo. Across the Lifespan\(^4\)
- 2 - NURS 323 Gerontology Nursing
- 3 - NURS 330 Research in Nursing

15 or 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 Medical-Surgical III: Complex Nursing of Adults
- 6 - NURS 410 Leadership Management and Nursing Care Practicum
- 5 - NURS 414 Community Heath Nursing and Health Promotion\(^6\) or
- 4 - NURS 415 Community Health Nursing\(^6\)

15-16

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 103, 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, including the allotted three elective credit hours, will be used to calculate this grade-point ratio.
5. Students may repeat only one nursing course, excluding a W or redemption. Further, students may repeat that nursing 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 - SOC 201 Introduction to Sociology
- 3 - Computer Skills Requirement\(^3\)
- 3 - Mathematics Requirement\(^2\)
- 4 - Science Requirement\(^4\)
- 3 - Elective

16

**Second Semester**
- 3 - ENGL 103 Accelerated Composition
- 3 - PSYCH 201 Introduction to Psychology
- 3 - Approved Requirement\(^1\)
- 3 - Arts and Humanities (Non-Lit.) Requirement\(^4\)
- 4 - Science Requirement\(^4\)

16

### Sophomore Year

**First Semester**
- 4 - BIOSC 222 Human Anatomy and Phys. I
- 4 - MICRO 205 Introductory Microbiology
- 3 - Arts and Humanities (Literature) Requirement\(^3\)
- 4 - Elective

15

**Second Semester**
- 4 - BIOSC 223 Human Anatomy and Phys. II
- 3 - Nutrition Requirement\(^4\)
- 3 - Oral Communication Requirement\(^3\)
- 5 - Elective

15

### Junior Year

**First Semester**
- 3 - NURS 304 Pathophysiology for Health Care Professionals
- 4 - NURS 312 Medical-Surgical I: Therapeutic Nursing Interventions\(^6\)
- 5 - NURS 411 Nursing Care of Children\(^4\)
- 3 - Departmental Requirement\(^7\)

15

**Second Semester**
- 7 - NURS 303 Medical-Surg. II: Nursing of Adults\(^4\)
- 2 - NURS 319 Health Assessment for RNs
- 3 - NURS 330 Research in Nursing
- 3 - NURS 416 Issues in Professionalism

17

### Senior Year

**First Semester**
- 4 - NURS 307 Family Nursing in the Community
- 3 - NURS (HCG) 333 Health Care Genetics
- 5 - NURS 403 Medical-Surgical III: Complex Nursing of Adults\(^4\)
- 5 - NURS 412 Nurs. Care of Women and Families\(^4\)

17

**Second Semester**
- 5 - NURS 401 Mental Health Nursing\(^6\)
- 3 - NURS 405 Leadership and Mgr. in Nursing
- 4 - NURS 425 Community Nursing
- 3 - Scientific/Technical Writing Requirement\(^5\)

15

124 Total Semester Hours

\(^1\)See advisor.

\(^2\)MTHSC 203 or other course approved by department.

\(^3\)See General Education Requirements. Three of these credit hours must also satisfy the Cross-Cultural Awareness Requirement.

\(^4\)This course is exempt if the student achieves a B or better in NURS 406.

\(^5\)ENGL 304, 314, or 315

Notes:
1. Students must achieve a C or better in all required science and nursing courses.
2. A minimum grade-point ratio of 2.5 is required in all nursing courses for progression to the next level. Students may repeat a nursing course one time only. A student who does not maintain a 2.5 or better GPR in the curriculum will not be permitted to continue in the Nursing major.
3. Students must pass didactic and clinical components to pass all clinical 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 and approval of the department chair or his/her designee. Students are encouraged to speak with the PRTM advisor about changing their major prior to the start of their sophomore year to avoid a delay in graduation due to course sequencing and course prerequisite requirements.

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

COMMUNITY RECREATION, SPORT AND CAMP MANAGEMENT CONCENTRATION

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

Freshman Year

First Semester
2 - C U 101 University Success Skills
3 - ENGL 103 Accelerated Composition
3 - MATH 122 Principles of Microeconomics
3 - SOC 201 Introduction to Sociology
3 - Natural Science Requirement1

Second Semester
3 - ENGL 103 Accelerated Composition
1 - PRTM 200 Profession and Practice in PRTM
2 - PRTM 220 Conceptual Foundations of PRTM
3 - Arts and Humanities (Non-Lit.) Requirement1
3 - Mathematics or Natural Science Requirement1
3 - Oral Communication Requirement1

Sophomore Year

First Semester
1 - PRTM 198 Creative Inquiry—PRTM I
6 - PRTM 226 Found. of Mgt., Administration & Programming in Leisure Services
5 - PRTM 227 Provision of Leisure Service Exp.
3 - PRTM 229 Distributed Competency Integration in PRTM

Second Semester
3 - PRTM 298 Creative Inquiry—PRTM II
3 - Arts and Humanities (Literature) Requirement1
9 - Concentration Requirement2
1 - Elective

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

Junior Year

First Semester
2 - PRTM 398 Creative Inquiry—PRTM III
1 - PRTM 404 Field Training I
12 - Concentration Requirement2

Second Semester
1 - PRTM 498 Creative Inquiry—PRTM IV
12 - Concentration Requirement2
2 - Elective

Summer
6 - PRTM 405 Field Training II

Senior Year

First Semester
12 - Concentration Requirement2

Second Semester
6 - Concentration Requirement2
6 - Elective
12

122 Total Semester Hours

See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society requirements. See advisor.

See advisor.

PARK CONSERVATION AREA MANAGEMENT CONCENTRATION

Students in Park Conservation Area Management (PCAM) 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. PCAM 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
2 - C U 101 University Success Skills
6 - Social Science Requirement1
3 - Mathematics Requirement1
4 - Natural Science Requirement1

Second Semester
3 - ENGL 103 Accelerated Composition
1 - PRTM 200 Profession and Practice in PRTM
2 - PRTM 220 Conceptual Foundations of PRTM
3 - Arts and Humanities (Non-Lit.) Requirement1
3 - Mathematics or Natural Science Requirement1
3 - Oral Communication Requirement1

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

Junior Year

First Semester
2 - PRTM 398 Creative Inquiry—PRTM III
1 - PRTM 404 Field Training I
12 - Concentration Requirement2

Second Semester
1 - PRTM 498 Creative Inquiry—PRTM IV
12 - Concentration Requirement2
2 - Elective

Summer
6 - PRTM 405 Field Training II

Senior Year

First Semester
12 - Concentration Requirement2

Second Semester
6 - Concentration Requirement2
6 - Elective
12

122 Total Semester Hours

See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society requirements. See advisor.
Summer
6 - PRTM 405 Field Training II

Senior Year
First Semester
12 - Concentration Requirement
12
Second Semester
6 - Concentration Requirement
6 - Elective
12
122 Total Semester Hours

See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society requirements. 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
3 - PRTM 281 Introduction to Golf Management
6 - Social Science Requirement
4 - Natural Science Requirement
15
Second Semester
3 - ENGL 103 Accelerated Composition
1 - PRTM 195 PGM Seminar I
2 - PRTM 220 Conceptual foundations of PRTM
3 - Arts and Humanities (Non-Lit.) Requirement
3 - Mathematics or Natural Science Requirement
3 - Oral Communication Requirement
15
Summer
0 - CO-OP 101 Cooperative Education
0

Sophomore Year
First Semester
1 - PRTM 198 Creative Inquiry—PRTM I
6 - PRTM 226 Foundations of Management and Administration in PRTM
5 - PRTM 227 Provision of Leisure Service Experiences
3 - PRTM 229 Distributed Competency Integration in PRTM
1 - PRTM 295 PGM Seminar II
16
Second Semester
9 - Concentration Requirement
3 - Arts and Humanities (Literature) Requirement
4 - Elective
16
Summer
0 - CO-OP 102 Cooperative Education
0

Junior Year
First Semester
1 - PRTM 207 Practicum II
Second Semester
9 - Concentration Requirement
3 - Elective
15

Senior Year
First Semester
1 - PRTM 395 PGM Seminar III
6 - PRTM 404 Field Training I
12 - Concentration Requirement
17
Second Semester
0 - CO-OP 104 Cooperative Education
0
Summer
0 - CO-OP 105 Cooperative Education
6 - PRTM 405 Field Training II
6

Fifth Year
First Semester
1 - PRTM 495 PGM Seminar IV
15 - Concentration Requirement
16
Summer
1 - PRTM 206 Practicum I
1 - PRTM 207 Practicum II
12 - Concentration Requirement
15

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
3 - CU 101 University Success Skills
3 - Mathematics Requirement
4 - Natural Science Requirement
6 - Social Science Requirement
15
Second Semester
3 - ENGL 103 Accelerated Composition
1 - PRTM 200 Profession and Practice in PRTM
2 - PRTM 220 Conceptual Foundations of PRTM
3 - Arts and Humanities (Non-Lit.) Requirement
3 - Mathematics or Natural Science Requirement
3 - Oral Communication Requirement
15
Sophomore Year
First Semester
1 - PRTM 298 Creative Inquiry—PRTM II
3 - Arts and Humanities (Literature) Requirement
9 - Concentration Requirement
1 - Elective
15
Second Semester
2 - PRTM 298 Creative Inquiry—PRTM II
6 - PRTM 405 Field Training II
6
Summer
1 - PRTM 206 Practicum I
1 - PRTM 207 Practicum II
12 - Concentration Requirement
15

Junior Year
First Semester
1 - PRTM 206 Practicum I
1 - PRTM 207 Practicum II
2
College of Health, Education and Human Development

TRAVEL AND TOURISM CONCENTRATION

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

Freshman Year
First Semester
2 - C U 101 University Success Skills
3 - Mathematics Requirement1
4 - Natural Science Requirement1
6 - Social Science Requirement1

Second Semester
3 - ENGL 103 Accelerated Composition
1 - PRTM 200 Profession and Practice in PRTM
2 - PRTM 220 Conceptual Foundations of PRTM
3 - Arts and Humanities (Non-Lit.) Requirement1
3 - Mathematics or Natural Science Requirement1
3 - Oral Communication Requirement1

Sophomore Year
First Semester
1 - PRTM 198 Creative Inquiry—PRTM I
6 - PRTM 226 Foundations of Management and Administration in PRTM
5 - PRTM 227 Provision of Leisure Service Experiences
3 - PRTM 229 Distributed Competency Integration in PRTM

Second Semester
2 - PRTM 298 Creative Inquiry—PRTM II
3 - Arts and Humanities (Literature) Requirement1
9 - Concentration Requirement2
1 - Elective

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

Junior Year
First Semester
2 - PRTM 398 Creative Inquiry—PRTM III
1 - PRTM 404 Field Training I
12 - Concentration Requirement2

Second Semester
1 - PRTM 498 Creative Inquiry—PRTM IV
12 - Concentration Requirement2
2 - Elective

Summer
6 - PRTM 405 Field Training II

Senior Year
First Semester
12 - Concentration Requirement2
12

Second Semester
6 - Concentration Requirement2
6 - Electives
12

122 Total Semester Hours

1See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society requirements. See advisor.
2See advisor.
MINORS

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

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

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

See pages 38-41 for details.