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 E. Sullivan Center, the National Dropout Prevention Center; and the Outdoor Laboratory. Collaboration within the college between academics and community outreach services prepares students to be professional leaders in health, education, and recreation management. As with all programs at the University, students will take course offerings from all colleges on campus to achieve the most complete education possible.

EUGENE T. MOORE SCHOOL OF EDUCATION

The mission of the Eugene T. Moore School of Education is to prepare caring and capable professionals through intellectually engaging experiences in theory, method, and research that connect them to the communities in which they live and serve. The Eugene T. Moore School of Education trains teachers, counselors, university administrators, and leaders for the 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 an entity. 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 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, Economics, English, History, Mathematics, Modern Languages, Physical Sciences, Political Science, Psychology, Sociology, and Industrial Technology Education.

Admission

Professional—Application to the professional level of a program will be processed during the term in which a student is to complete 45 semester hours of work. At that time, the student will be notified of his/her status by the College’s Academic Advising Center. Prior to admission, the student must have passed all areas of the Praxis 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 Director of the School of Education, but exceptions are not common.

Enrollment in Professional Courses

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

Graduation

To graduate, a student must have 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.

EARLY CHILDHOOD EDUCATION

Bachelor of Arts

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

Freshman Year

First Semester
1 - ED 105 Orientation to Education
3 - HIST 173 Western Civilization
1 - MTHSC 101 Essential Math. for Informed Soc.
3 - Foreign Language Requirement1
4 - Natural Science Requirement2
1 - Elective
15

Second Semester
3 - A H 210 Intro. to Art and Architecture
3 - COMM 150 Intro. to Human Comm. or Speech
3 - ENGL 103 Accelerated Composition
3 - MTHSC 117 Mathematics for Elementary School Teachers I
1 - ED 105 Orientation to Education
3 - Foreign Language Requirement1
15

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
1 - Arts and Humanities (Literature) Requirement3
4 - Natural Science Requirement2
16

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 Requirement4
3 - Science and Tech. in Society Requirement3
16

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 Requirement6
15

15
Second Semester
- ED EC 300 Found. of Early Childhood Educ.
- ED EC 430 Early Childhood Mathematics
- ED EL 321 Physical Education Methods for Classroom Teachers
- ED EL 458 Health Education Methods for the Classroom Teacher
- ED SP 468 Early Intervention for Infants and Children with Special Needs
- READ 458 Early Literacy: Birth–Kindergarten

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

Second Semester
- ED EC 484 Directed Teaching in Early Childhood Education
- ED F 425 Instructional Technology Strategies

13 Total Semester Hours

1Two semesters (through 202) in a modern foreign language are required. Spanish is recommended.
2One biological science and one physical science course, each with laboratory, must be selected from General Education Requirements. See advisor.
3ENGL 212, 213, 214, or 215
4MUSIC 210, 311, 313, 314, 317, or 400
5See General Education Requirements.
6ENGL 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
- GEOG 103 World Regional Geography
- HIST 122 History, Technology, and Society
- PH SC 108 Introduction to Physical Science
- Foreign Language Requirement

Second Semester
- ED 105 Orientation to Education
- ENGL 103 Accelerated Composition
- MTHSC 117 Mathematics for Elementary School Teachers I
- PH SC 107 Introduction to Earth Science
- Foreign Language Requirement

Sophomore Year
First Semester
- BIOL 109 Introduction to Life Science
- COMM 150 Intro. to Human Comm. or
- COMM 250 Public Speaking
- ED F 301 Principles of American Education
- MTHSC 118 Mathematics for Elementary School Teachers II
- Arts and Humanities (Literature) Requirement

Second Semester
- ED F 302 Educational Psychology
- ED F (CTE) 315 Technology Skills for Learning
- ED F 334 Child Growth and Development
- ED SP 370 Introduction to Special Education
- MUSIC 210 Music Appreciation or
- MUSIC 400 Music in the Elem. Classroom
- Arts and Humanities (Non-Lit.) Requirement

Junior Year
First Semester
- CTE 310 Designing Creative Instruction
- ED 322 Responding to Emergencies or
- PRTM 317 Group Initiatives
- ED EL 458 Health Education Methods for the Classroom Teacher
- ENGL 385 Children’s Literature
- Multicultural Requirement

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

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

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

123 Total Semester Hours

1Two semesters (through 202) in the same modern foreign language are required.
2ENGL 212, 213, 214 or 215
3A A H 210, HUM 301, 302, or THEA 210
4ANTH 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
- CH 105 Chemistry in Context I
- ED 105 Orientation to Education
- MTHSC 106 Calculus of One Variable I
- PHIL 102 Introduction to Logic
- Cross-Cultural Awareness Requirement

Second Semester
- CH 106 Chemistry in Context II
- ENGL 103 Accelerated Composition
- MTHSC 108 Calculus of One Variable II
- Elective

Sophomore Year
First Semester
- COMM 150 Intro. to Human Comm. or
- COMM 250 Public Speaking
- MTHSC 206 Calculus of Several Variables
- PHYS 122 Physics with Calculus I
- PHYS 124 Physics Lab. I
- Arts and Humanities (Literature) Requirement
- Science Requirement

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

Junior Year
First Semester
- ED 105 Orientation to Education
- ED F 301 Principles of American Education
- MTHSC 302 Statistics for Science and Engr.
- MTHSC 308 College Geometry
- SOC 201 Introduction to Sociology or
- SOC 202 Social Problems
- Science Requirement

Second Semester
- ED F 315 Adolescent Growth and Development
- ED SP 370 Introduction to Special Education
- MTHSC 408 Topics in Geometry
- MTHSC 412 Introduction to Modern Algebra
**Senior Year**

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

123 Total Semester Hours

**Second Semester**
9. EDSEC 446 Teaching Internship in Secondary Mathematics
3. EDSEC 456 Sec. Math. Capstone Seminar

**Junior Year**

**First Semester**
3. BIOC 301 Molecular Biochemistry
4. BIOC 302 Molecular Biochemistry Lab.
5. BIOSC 223 Human Anatomy and Phys. II
6. ED F 301 Principles of American Education
7. ED F (CTE) 315 Technology Skills for Learning
8. PHYS 208 General Physics II
9. PHYS 210 General Physics II Lab.

**Second Semester**
9. EDSEC 444 Teaching Internship in Sec. Sci.
3. EDSEC 457 Sec. Science Capstone Seminar

**Junior Year**

**First Semester**
1. ED F 302 Educational Psychology
2. GEN 302 Molecular and General Genetics
3. GEN 303 Molecular and Gen. Genetics Lab.
4. Ecology Requirement
5. Plant Diversity Requirement

14

**Second Semester**
9. BIOSC 335 Evolutionary Biology
3. ED F 335 Adolescent Growth and Development
4. ENGL 314 Technical Writing
5. HIST 122 History, Technology, and Society
6. Animal Diversity Requirement

16

**Senior Year**

**First Semester**
1. ED F 425 Instructional Technology Strategies
2. ED SP 370 Introduction to Special Education
3. EDSEC 427 Teaching Secondary Science
4. PHIL 325 Philosophy of Science
5. READ 498 Secondary Content Area Reading
6. Social Science Requirement

16

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

**Junior Year**

**First Semester**
1. ED F 425 Instructional Technology Strategies
2. ED SP 370 Introduction to Special Education
3. EDSEC 427 Teaching Secondary Science
4. PHIL 325 Philosophy of Science
5. READ 498 Secondary Content Area Reading

17

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

**Sophomore Year**

**First Semester**
1. ED F 425 Instructional Technology Strategies
2. ED SP 370 Introduction to Special Education
3. EDSEC 427 Teaching Secondary Science
4. PHIL 325 Philosophy of Science
5. READ 498 Secondary Content Area Reading

13

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

**Freshman Year**

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

16

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

16

**Sophomore Year**

**First Semester**
4. BIOC 222 Human Anatomy and Phys. I
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

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

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. PHYS 221 Physics with Calculus II
1. PHYS 223 Physics Lab. II

15

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

17

**Senior Year**

**First Semester**
1. ED F 425 Instructional Technology Strategies
3. ED SP 370 Introduction to Special Education
3. EDSEC 427 Teaching Secondary Science
4. PHYS 210 General Physics II
1. PHYS 311 Intro. to Meth. of Theoretical Phys.
3. READ 498 Secondary Content Area Reading

13

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

**SCIENCE TEACHING**

**Bachelor of Science**

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

**TEACHING AREA: BIOLOGICAL SCIENCES**

**Freshman Year**

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

16

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

16

**Sophomore Year**

**First Semester**
4. BIOC 222 Human Anatomy and Phys. I
4. CH 201 Survey of Organic Chemistry
3. PHYS 207 General Physics I
1. PHYS 209 General Physics I Lab.
3. Arts and Humanities (Literature) Requirement

15
SECONDARY EDUCATION

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

Each curriculum requires a major concentration in the teaching field. Specific courses and sequences have been designated to meet requirements for those planning to teach. Students who have elective courses in the teaching area should consult their advisors prior to scheduling these courses.

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

TEACHING AREA: ECONOMICS

Bachelor of Science

Freshman Year
First Semester
1 - ED 105 Orientation to Education
3 - ENGL 103 Accelerated Composition
3 - GEOG 101 Introduction to Geography
3 - HIST 122 History, Technology, and Society
3 - MTHSC 101 Essential Math. for Informed Soc.
4 - Natural Science Requirement

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

Sophomore Year
First Semester
3 - ECON 211 Principles of Microeconomics
3 - ED F 302 Educational Psychology
3 - HIST 101 History of the United States
3 - HIST 172 Western Civilization
3 - PO SC 101 American National Government
3 - Non-Western History Requirement

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 Western Civilization
3 - PO SC 102 Intro. to International Relations
3 - Non-Western History Requirement

Junior Year
First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - ENGL 312 Advanced Composition
3 - Non-Western History Requirement
3 - Teaching Major

Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - ED SP 370 Introduction to Special Education
3 - Arts and Humanities (Non-Lit.) Requirement
6 - Teaching Major

Senior Year
First Semester
1 - ED F 425 Instructional Technology Strategies
1 - ED F 490 Student Management and Discipline
3 - EDSEC 428 Teaching Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
3 - Teaching Major

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


Senior Year
First Semester
3 - ED F 335 Adolescent Growth and Development
3 - ENGL 386 Adolescent Literature
3 - ENGL 400 The English Language
3 - American Literature Requirement
3 - Literary Criticism Requirement

Second Semester
3 - ENGL 304 Business Writing or
3 - ENGL 314 Technical Writing
3 - ENGL 401 Grammar Survey
3 - British Literature Requirement
3 - Diversity Requirement
3 - Film Requirement

TEACHING AREA: ENGLISH

Bachelor of Arts

Freshman Year
First Semester
3 - COMM 150 Intro. to Human Communication
1 - ED 105 Orientation to Education
1 - ENGL 103 Orientation to Literature
3 - ENGL 103 Accelerated Composition
3 - GEOG 101 Introduction to Geography
3 - MTHSC 101 Essential Math. for Informed Soc.
3 - Foreign Language Requirement

Second Semester
2 - ENGL 190 Introduction to the English Major
3 - ENGL 212 World Literature
3 - HIST 172 Western Civilization
3 - Foreign Language Requirement
4 - Natural Science Requirement

Second Semester
2 - ENGL 190 Introduction to the English Major
3 - ENGL 212 World Literature
3 - HIST 172 Western Civilization
3 - Foreign Language Requirement
4 - Natural Science Requirement

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

Second Semester
3 - BIOSC 200 Biology in the News
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

Junior Year
First Semester
3 - ED F 335 Adolescent Growth and Development
3 - ENGL 386 Adolescent Literature
3 - ENGL 400 The English Language
3 - American Literature Requirement
3 - Literary Criticism Requirement

Second Semester
3 - ENGL 304 Business Writing or
3 - ENGL 314 Technical Writing
3 - ENGL 401 Grammar Survey
3 - British Literature Requirement
3 - Diversity Requirement
3 - Film Requirement

Senior Year
First Semester
1 - ED F 425 Instructional Technology Strategies
9 - EDSEC 448 Teaching Internship in Secondary English
3 - ENGL 485 Composition for Teachers
3 - READ 498 Secondary Content Area Reading

Second Semester
1 - ED F 425 Instructional Technology Strategies
9 - EDSEC 454 Secondary English Capstone Sem.
Bachelor of Science

TEACHING AREA: HISTORY

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
1
12
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

Sophomore Year
First Semester
3 - ECON 211 Principles of Microeconomics
3 - ED F 302 Educational Psychology
3 - HIST 101 History of the United States
3 - HIST 172 Western Civilization
3 - PO SC 101 American National Government
3 - Non-Western History Requirement
1
15
Second Semester
3 - ECON 212 Principles of Macroeconomics
1 - ED F (CTE) 315 Technology Skills for Learning
3 - HIST 102 History of the United States
3 - HIST 173 Western Civilization
3 - PO SC 102 Intro. to International Relations
3 - Non-Western History Requirement
1
16
Junior Year
First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - ENGL 312 Advanced Composition
3 - Foreign Language Requirement
3 - Mathematics or Natural Science Requirement
3 - Foreign Language Requirement
1
15
Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - ED SP 370 Introduction to Special Education
3 - Arts and Humanities (Non-Lit.) Requirement
6 - Teaching Major
1
15
Senior Year
First Semester
1 - ED F 425 Instructional Technology Strategies
3 - ED F 490 Student Management and Discipline
3 - EDSEC 428 Teaching Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
3 - Teaching Major
1
13
Second Semester
9 - EDSEC 448 Teaching Internship in Secondary Social Studies
3 - EDSEC 458 Secondary Social Studies Capstone Seminar
12
124 Total Semester Hours

Junior Year
First Semester
3 - COMM 250 Public Speaking
3 - ED F 301 Principles of American Education
3 - ENGL 314 Technical Writing
3 - MTHSC 302 Statistics for Science and Engr.
3 - MTHSC 308 College Geometry
15
Second Semester
3 - ED F 335 Adolescent Growth and Development
3 - ED SP 370 Introduction to Special Education
3 - EDSEC 437 Technology in Secondary Math.
3 - MTHSC 408 Topics in Geometry
3 - MTHSC 412 Introduction to Modern Algebra
15
Senior Year
First Semester
1 - ED F 425 Instructional Technology Strategies
3 - EDSEC 426 Teaching Secondary Mathematics
3 - MTHSC 400 Theory of Probability
3 - MTHSC 453 Advanced Calculus I
3 - READ 498 Secondary Content Area Reading
3 - Elective
16
Second Semester
9 - EDSEC 446 Teach. Internship in Sec. Math.
12
124 Total Semester Hours

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
4 - Natural Science Requirement
15
Second Semester
4 - MTHSC 108 Calculus of One Variable II
3 - MTHSC 129 Problem Solving in Discrete Math.
3 - PHIL 102 Introduction to Logic
3 - Cross-Cultural Awareness Requirement
3 - Foreign Language Requirement
15
Sophomore Year
First Semester
3 - ECON 200 Economic Concepts or
3 - ECON 211 Principles of Microeconomics
3 - HIST 102 History of the United States
4 - MTHSC 206 Calculus of Several Variables
1 - MTHSC 250 Intro. to Mathematical Sciences
3 - PHYS 122 Physics with Calculus I
1 - PHYS 124 Physics Lab. I
3 - Computer Science Requirement
18
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

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
3 - Foreign Language Requirement
4 - Natural Science Requirement
17
Second Semester
3 - GEOG 103 World Regional Geography
3 - HIST 172 or 173 Western Civilization or
3 - HIST 193 Modern World History
3 - Arts and Humanities (Literature) Requirement
3 - Foreign Language Requirement
3 - Mathematics or Natural Science Requirement
3 - Elective
15-18
Sophomore Year

First Semester
3 - ED F 301 Principles of American Education
3 - Arts and Humanities Requirement
3 - Science and Tech. in Society Requirement
3 - Social Science Requirement
6 - Teaching Major

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
6 - Teaching Major

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

Second Semester
3 - Advanced Social Science Requirement
3 - Arts and Humanities Requirement
6-9 - Teaching Major

Senior Year

First Semester
1 - ED F 425 Instructional Technology Strategies
3 - ED F 302 Educational Psychology
3 - EDSEC 425 Teaching Sec. Modern Languages
3 - READ 498 Secondary Content Area Reading
3 - Teaching Major
3 - Elective

Second Semester
12 - EDSEC 412 Directed Student Teaching in
Secondary School Subjects

121 Total Semester Hours

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

Select from 300- or 400-level courses in anthropology, economics, history, political science, psychology, or sociology.

ED F 425, EDSEC 428, and READ 498 must be taken concurrently the semester prior to Directed Teaching.

TEACHING AREA:

POLITICAL SCIENCE

Bachelor of Science

Freshman Year

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

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

Sophomore Year

First Semester
3 - ECON 211 Principles of Microeconomics
3 - ED F 302 Educational Psychology
3 - HIST 101 History of the United States
3 - HIST 172 Western Civilization
3 - PO SC 101 American National Government
3 - Non-Western History Requirement

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 Western Civilization
3 - PO SC 102 Intro. to International Relations
3 - Non-Western History Requirement

Junior Year

First Semester
3 - ED F 301 Principles of American Education
3 - ED F 335 Adolescent Growth and Development
3 - ENGL 312 Advanced Composition
3 - Non-Western History Requirement
3 - Teaching Major

Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - ED SP 370 Introduction to Special Education
3 - Arts and Humanities (Non-Lit.) Requirement
6 - Teaching Major

Senior Year

First Semester
1 - ED F 425 Instructional Technology Strategies
3 - ED F 490 Student Management and Discipline
3 - EDSEC 428 Teaching Secondary Social Studies
3 - READ 498 Secondary Content Area Reading
3 - Teaching Major

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

124 Total Semester Hours

See General Education Requirements.

PO SC 361, 362, 363, 428, 456
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
2. HIST 101 History of the United States
3. MTHSC 110 Mathematics for Elementary School Teachers I
4. Arts and Humanities (Non-Lit.) Requirement
5. Natural Science Requirement

Second Semester
1. ED 302 Educational Psychology
2. HIST 102 History of the United States
3. HIST 173 Western Civilization
4. PO SC 101 American National Government
5. Non-Western History Requirement

Sophomore Year

First Semester
1. ED 301 Principles of American Education
2. ED F 335 Adolescent Growth and Development
3. ENGL 312 Advanced Composition
4. Non-Western History Requirement
5. Teaching Major

Second Semester
1. ECON 211 Principles of Microeconomics
2. ED F 335 Adolescent Growth and Development
3. ENGL 312 Advanced Composition
4. Non-Western History Requirement
5. Teaching Major

Junior Year

First Semester
1. ED F 425 Instructional Technology Strategies
2. ED F 490 Student Management and Discipline
3. EDSEC 428 Teaching Secondary Social Studies
4. READ 498 Secondary Content Area Reading
5. Teaching Major

Second Semester
1. EDSEC 448 Teaching Internship in Secondary Social Studies
2. EDSEC 458 Secondary Social Studies
3. ENG 312 Advanced Composition
4. Non-Western History Requirement
5. Teaching Major

Senior Year

First Semester
1. ED F 425 Instructional Technology Strategies
2. ED F 490 Student Management and Discipline
3. EDSEC 428 Teaching Secondary Social Studies
4. READ 498 Secondary Content Area Reading
5. Teaching Major

Second Semester
1. COMM 150 Intro. to Human Comm.
2. COMM 250 Public Speaking
3. ED SP 370 Introduction to Special Education
4. Arts and Humanities (Non-Lit.) Requirement
5. Teaching Major

Second Semester
1. EDSEC 448 Teaching Internship in Secondary Social Studies
2. EDSEC 458 Secondary Social Studies
3. ENG 312 Advanced Composition
4. Non-Western History Requirement
5. Teaching Major

Second Semester
1. COMM 150 Intro. to Human Comm.
2. COMM 250 Public Speaking
3. ED F 334 Child Growth and Development
4. ED F 335 Adolescent Growth and Development
5. ED SP 468 Early Intervention for Infants and Children with Special Needs
6. Arts and Humanities (Non-Lit.) Requirement

Bachelor of Arts in Special Education

Freshman Year

First Semester
1. ED 105 Orientation to Education
2. ENGL 101 Introduction to Anthropology
3. BIO 201 Biology in the News
4. MTHSC 110 Mathematics for Elementary School Teachers I
5. Arts and Humanities (Non-Lit.) Requirement

Second Semester
1. ED 302 Educational Psychology
2. HIST 101 History of the United States
3. HIST 173 Western Civilization
4. PO SC 101 American National Government
5. Non-Western History Requirement

Sophomore Year

First Semester
1. ED 301 Principles of American Education
2. ED F 335 Adolescent Growth and Development
3. ENGL 312 Advanced Composition
4. Non-Western History Requirement
5. Teaching Major

Second Semester
1. ECON 211 Principles of Microeconomics
2. ED F 335 Adolescent Growth and Development
3. ENGL 312 Advanced Composition
4. Non-Western History Requirement
5. Teaching Major

Junior Year

First Semester
1. ED F 425 Instructional Technology Strategies
2. ED F 490 Student Management and Discipline
3. EDSEC 428 Teaching Secondary Social Studies
4. READ 498 Secondary Content Area Reading
5. Teaching Major

Second Semester
1. EDSEC 448 Teaching Internship in Secondary Social Studies
2. EDSEC 458 Secondary Social Studies
3. ENG 312 Advanced Composition
4. Non-Western History Requirement
5. Teaching Major

Second Semester
1. COMM 150 Intro. to Human Comm.
2. COMM 250 Public Speaking
3. ED F 334 Child Growth and Development
4. ED F 335 Adolescent Growth and Development
5. ED SP 468 Early Intervention for Infants and Children with Special Needs
6. Arts and Humanities (Non-Lit.) Requirement

Senior Year

First Semester
1. ED F 425 Instructional Technology Strategies
2. ED F 490 Student Management and Discipline
3. EDSEC 428 Teaching Secondary Social Studies
4. READ 498 Secondary Content Area Reading
5. Teaching Major

Second Semester
1. EDSEC 448 Teaching Internship in Secondary Social Studies
2. EDSEC 458 Secondary Social Studies
3. ENG 312 Advanced Composition
4. Non-Western History Requirement
5. Teaching Major
Second Semester
3 - ED EL 451 Elem. Methods in Science Teaching
3 - ED EL 458 Health Education Methods for the Classroom Teacher
3 - ED SP 373 Char. and Instruction of Individuals with Mental Retardation
3 - ED SP 491 Educational Assessment of Individuals with Disabilities
3 - READ 460 Teaching Reading in the Elementary Grades: 2–6

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

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

TECHNOLOGY AND HUMAN RESOURCE DEVELOPMENT

Bachelor of Science

INDUSTRIAL TECHNOLOGY EDUCATION CONCENTRATION

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

Freshman Year
First Semester
1 - BIOL 120 Biological Inquiry Lab. and
3 - BIOL 121 Keys to Human Identity or
3 - BIOL 122 Keys to Biodiversity or
3 - BIOL 123 Keys to Human Biology or
3 - BIOL 124 Keys to Reproduction
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 - 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
3 - Science and Tech. in Society Requirement
3 - Social Science Requirement
15

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

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
15

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
15

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
15

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
15

120–121 Total Semester Hours

3 See General Education Requirements.

HEALTH SCIENCE

Bachelor of Science

The Department of Public Health Sciences prepares students for careers in the health field, one of the largest industries in the United States. It includes hospitals and other medical service providers, public health organizations, health insurance companies, health/medical related sales, health fitness organizations, and community and 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 61).

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.

HEALTH PROMOTION AND EDUCATION CONCENTRATION

Freshman Year

First Semester
3 - BIOL 103 General Biology I and 1
1 - BIOL 105 General Biology Lab. I or 5
5 - BIOL 110 Principles of Biology I 3
3 - HLTH 202 Introduction to Public Health 5
3 - PSYCH 201 Introduction to Psychology 3
3 - SOC 201 Introduction to Sociology 1 - Elective 14
14-15

Second Semester
3 - ENGL 103 Business Writing or 3
3 - ENGL 314 Technical Writing 4
3 - HLTH 203 Public Health Communication 3
3 - HLTH 340 HLth. Promotion Program Planning 3
3 - HLTH 380 Epidemiology 1 - HLTH 419 Health Science Internship Preparation Seminar 17

Second Semester
3 - BIOL 222 Human Anatomy and Phys. I 4
3 - ENGL 304 Business Writing or 3
3 - ENGL 314 Technical Writing 6
3 - HLTH 303 Public Health Communication 3
3 - HLTH 340 HLth. Promotion Program Planning 3
3 - HLTH 380 Epidemiology 1 - HLTH 419 Health Science Internship Preparation Seminar 17

Junior Year

First Semester
4 - CH 102 General Chemistry or 4
4 - CH 106 Chemistry in Context II 3
3 - HLTH 240 Determinants of Health Behavior 1
1 - HLTH 398 Health Appraisal Skills 3
3 - HLTH 490 Research and Evaluation Strategies for Public Health 3
3 - PSYCH 340 Lifespan Developmental Psych. 14

Second Semester
4 - CH 107 General Chemistry or 4
4 - CH 106 Chemistry in Context II 3
3 - HLTH 240 Determinants of Health Behavior 1
1 - HLTH 398 Health Appraisal Skills 3
3 - HLTH 490 Research and Evaluation Strategies for Public Health 3
3 - PSYCH 340 Lifespan Developmental Psych. 14

Senior Year

First Semester
5 - HLTH 420 Health Science Internship 6
3 - HLTH 440 Managing Health Service Org. 3
3 - HLTH 460 Health Information Systems 3 - Health Requirement 1

Second Semester
3 - Arts and Humanities (Literature) Requirement 3
6 - Guided Requirement 6
3 - Health Requirement 1
3 - Elective 15
15-16

Sophomore Year

First Semester
3 - ACCT 201 Financial Accounting Concepts 3
3 - C R D (AP EC, HLTH) 361 Introduction to Health Care Economics 3
3 - HLTH 203 Overview of Health Care Systems 3
3 - HLTH 400 Community Health Promotion 3 - Health Requirement 1

Second Semester
3 - HLTH 240 Determinants of Health Behavior 3
3 - HLTH 490 Research and Evaluation Strategies for Public Health 3
3 - MGT 201 Principles of Management 3 - Guided Requirement 3
3 - Social Science Requirement 3

Junior Year

First Semester
3 - ENGL 304 Business Writing or 3
3 - ENGL 314 Technical Writing 3
3 - HLTH 202 Introduction to Public Health 3 - Social Science Requirement 3
3 - MGT 201 Principles of Management 3 - Guided Requirement 3

Second Semester
3 - HLTH 240 Determinants of Health Behavior 3
3 - HLTH 490 Research and Evaluation Strategies for Public Health 3 - Social Science Requirement 3
### 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.) Requirement¹
3 - Guided Requirement²

120–121 Total Semester Hours

¹BIOL 103/105, 110, CH 101, 105, PHYS 122/124, or 207/209
²See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society Requirements.
³See advisor. Courses in Spanish are strongly recommended.
⁴Select from any courses in health.
⁵Internship 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 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 II
3 - ENGL 103 Accelerated Composition
3 - Guided Requirement²
3-4 - Mathematics Requirement³

17-19

### Sophomore Year

**First Semester**
4 - BIOSC 222 Human Anatomy and Phys. I
3 - HLTH 298 Human Health and Disease
3 - Guided Requirement²
3 - Health Requirement³
3 - Statistics Requirement³

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 Requirement¹
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 Requirement²

15

**Second Semester**
3 - COMM 250 Public Speaking
3 - PHYS 208 General Physics II
1 - PHYS 210 General Physics II Lab.
3 - Arts and Humanities (Non-Lit.) Requirement¹
4 - Guided Requirement²
1 - Elective

15

### Senior Year

**First Semester**
5 - HLTH 420 Health Science Internship⁶
3 - Arts and Humanities (Literature) Requirement¹
3 - Health Requirement¹
6 - Elective¹

17

**Second Semester**
3 - HLTH 440 Managing Health Service Org.
3 - Health Requirement⁴
6 - Elective¹

12

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.
²See advisor. Courses in Spanish are strongly recommended.
³Select from any courses in health.
⁴Internship 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.
⁵Physician’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.
⁶Note: 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 61 for the curriculum.

### NURSING

#### Bachelor of Science

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

Nursing majors are required to carry, throughout the clinical laboratory period, current and valid student nurses' professional liability insurance with minimum limits of liability of $1,200,000 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.

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 Entrance Examinations (SAT). Those seeking admission are advised to apply to the University early in the fall of the senior year in high school.

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

Students may change majors into Nursing based on approval of a committee of faculty from the School of Nursing. Applications are accepted each year during January with a deadline of January 31. Decisions are made by February 28. The School of Nursing accepts 48 changes of major per year with a start date of the following January into upper division (junior-level) nursing courses. Applicants should meet the following requirements prior to the semester of application: a minimum cumulative grade-point ratio of 2.75, completion of a minimum of two required sciences in the Nursing curriculum.
with a C or better. Selection priority is based on grade-point ratio and number of completed nursing prerequisites. Students are allowed to apply only twice. Detailed information is available from the Academic Advising Center in 309 Edwards Hall or at www.hehd.clemson.edu/nursing.

Freshman Year
First Semester
3 - BIOL 103 General Biology I
1 - BIOL 105 General Biology Lab. I
3 - MTHSC 101 Essential Math. for Informed Soc.
3 - NURS 140 Computer Appl. in Health Care
3 - SOC 201 Introduction to Sociology
2 - Elective
15

Second Semester
4 - CH 101 General Chemistry I
3 - ENGL 103 Accelerated Composition
3 - MTHSC 203 Elementary Statistical Inference
3 - PSYC 201 Introduction to Psychology
3 - Arts and Humanities (Non-Lit.) Requirement
1 - 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
3 - Cross-Cultural Awareness Requirement
1 - Elective
15

Second Semester
4 - BIOSC 223 Human Anatomy and Phys. II
3 - COMM 150 Intro. to Human Comm. or COMM 250 Public Speaking
2 - NURS 320 Professionalism in Nursing
3 - Nutrition Requirement
3 - Science and Tech. in Society Requirement
16

Junior Year
First Semester
3 - ENGL 314 Technical Writing
3 - NURS 333 Health Care Genetics
3 - NURS 406 Issues in Professionalism
3 - NURS 412 Nursing Care of Women and Their Families
3 - NURS 403 Complex Nursing of Adults
3 - NURS 401 Mental Health Nursing
3 - Elective
124 Total Semester Hours

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
3 - Computer Skills Requirement
1 - Science Requirement
16

Second Semester
3 - ENGL 103 Accelerated Composition
3 - MTHSC 203 Elementary Statistical Inference
3 - PSYC 201 Introduction to Psychology
4 - Science Requirement
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
1 - Elective
15

Second Semester
4 - BIOSC 223 Human Anatomy and Phys. II
3 - Departmental Requirement
3 - Nutrition Requirement
3 - Oral Communication Requirement
3 - Elective
16

Junior Year
First Semester
3 - NURS 304 Pathophysiology for Health Care Professionals
4 - NURS 312 Therapeutic Nursing Interventions
3 - NURS 330 Research in Nursing
5 - NURS 411 Nursing Care of Children
15

Second Semester
7 - NURS 303 Nursing of Adults
4 - NURS 307 Family Nursing in the Community
4 - NURS 313 Health Assess. Through Lifespan
15

Senior Year
First Semester
3 - NURS 313 Health Assess. Through Lifespan
3 - NURS 307 Family Nursing in the Community
3 - Oral Communication Requirement
3 - Nutrition Requirement
124 Total Semester Hours

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

College of Health, Education, and Human Development

110
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 flexible curriculum allows students to select from five concentrations. This latitude permits accommodation of each student's career objectives in positions in community recreation, sport management, recreation programming, cultural arts management, commercial recreation, wilderness management, nature interpretation, park management, historic site management, rehabilitation services, leisure counseling, camp management, recreation therapy, programs for people with disabilities or senior citizens, travel industry, resort management, convention and visitor bureaus, theme parks, community tourism, and special event/festival planning, to name a few.

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

When space is available, a student may change majors to one of the degree concentrations in the Department of Parks, Recreation, and Tourism Management with a 2.0 cumulative grade-point ratio, at least 30 credit hours earned, and approval of the department chair or his/her designee.

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

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

COMMUNITY RECREATION, SPORT, AND CAMP MANAGEMENT CONCENTRATION

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

Freshman Year

First Semester
1. BIOL 120 Biological Inquiry Lab. and
2. BIOL 121 Keys to Human Identity or
3. BIOL 122 Keys to Biodiversity or
4. BIOL 123 Keys to Human Biology or
5. BIOL 124 Keys to Reproduction
6. C U 101 University Success Skills
7. ECON 211 Principles of Microeconomics or
8. ECON 212 Principles of Macroeconomics
9. PRTM 101 Concepts of Leisure
10. Arts and Humanities (Non-Lit.) Requirement
15

Second Semester
1. ENGL 103 Accelerated Composition
2. PRTM 205 Program and Event Planning
3. PSYCH 201 Introduction to Psychology or
4. SOC 201 Introduction to Sociology
5. Mathematics or Natural Science Requirement
6. Elective
15

Sophomore Year

First Semester
1. ACCT 201 Financial Accounting Concepts
2. PRTM 201 Recreation/Leisure Environment
3. PRTM 206 Practicum I
4. PRTM 241 Introduction to Community Recreation, Sport, and Camp Management
5. PRTM 308 Leadership and Group Processes in Recreation
6. Elective
16

Second Semester
1. EX ST 301 Introductory Statistics
2. MKT 301 Principles of Marketing or
3. PRTM 344 Tourism Markets and Supply
4. PRTM 207 Practicum II
5. PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
6. Approved Requirement
7. Arts and Humanities (Literature) Requirement
16

Junior Year

First Semester
1. COMM 250 Public Speaking
2. LAW 322 Legal Environment of Business
3. PRTM 307 Facility Planning and Operations
4. PRTM 321 Recreation Administration
5. PRTM 404 Field Training I
6. Advanced Writing Requirement
16

Second Semester
1. PRTM 305 Safety and Risk Mgt. in PRTM
2. PRTM 309 Behavioral Concepts in PRTM
3. PRTM 407 Personnel Administration in PRTM
4. Approved Requirement
15

Summer
1. PRTM 405 Field Training II

Senior Year

First Semester
1. PRTM 409 Methods of Recreation Research I
2. PRTM 441 Commercial Recreation
3. Approved Requirement
4. Human Growth and Development Requirement
12

Second Semester
1. PRTM 421 Recreation Financial Resources Management
2. PRTM 455 Advanced Program Planning
3. Approved Requirement
4. Elective
12

123 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.

PARKS AND PROTECTED AREA MANAGEMENT CONCENTRATION

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

Freshman Year

First Semester
1. ANTH 201 Introduction to Anthropology or
2. GEOG 101 Introduction to Geography
3. BIOL 103 General Biology I
4. BIOL 105 General Biology Lab. I
5. C U 101 University Success Skills
6. PRTM 101 Concepts of Leisure
7. PSYCH 201 Introduction to Psychology or
8. SOC 201 Introduction to Sociology
15

Second Semester
1. BIOL 104 General Biology II
2. ANTH 201 Introduction to Anthropology or
3. PSYCH 340, 344, or 345
4. Approved Requirement
5. Arts and Humanities (Non-Lit.) Requirement
16

Junior Year

First Semester
1. GEOG 101 Introduction to Geography
2. PSYCH 201 Introduction to Psychology or
3. PRTM 305 Safety and Risk Mgt. in PRTM
4. PRTM 309 Behavioral Concepts in PRTM
5. PRTM 407 Personnel Administration in PRTM
6. Approved Requirement
15

Summer
1. PRTM 405 Field Training II
Sophomore Year
First Semester
3 - ENGL 214 American Literature
3 - PRTM 201 Recreation/Leisure Environment
1 - PRTM 206 Practicum I
3 - PRTM 270 Intro. to Recreation Resources Mgt.
3 - PRTM 307 Facility Planning and Operations
1 - Elective
14
Second Semester
3 - COMM 150 Intro. to Human Comm. or
3 - COMM 250 Public Speaking
3 - EX ST 301 Introductory Statistics
1 - PRTM 207 Practicum II
3 - PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
3 - PRTM 308 Leadership and Group Processes in Recreation
3 - Arts and Humanities (Non-Lit.) Requirement¹
16
Junior Year
First Semester
3 - AP EC 257 Natural Resources, Environment, and Economics
3 - PRTM 321 Recreation Administration
3 - PRTM 330 Visitor Services and Interpretation
1 - PRTM 404 Field Training I
3 - Approved Requirement²
2 - Elective
15
Second Semester
3 - ENGL 314 Technical Writing
3 - PRTM 350 Safety and Risk Mgt. in PRTM
3 - PRTM 309 Behavioral Concepts in PRTM
3 - PRTM 320 Recreation Policymaking
3 - Approved Requirement²
15
Summer
6 - PRTM 405 Field Training II
Senior Year
First Semester
3 - PRTM 403 Elements of Rec. and Park Planning
3 - PRTM 409 Methods of Recreation Research I
6 - Approved Requirement²
3 - Planning Requirement²
15
Second Semester
3 - PRTM 431 Methods of Environmental Interpretation
3 - PRTM 474 Adv. Recreation Resources Mgt.
3 - Approved Requirement²
3 - Elective
12
123 Total Semester Hours

¹See General Education Requirements. Three of these credit hours must also satisfy the Science and Technology in Society Requirement; and, if ANTH 201 is not taken, three credits must also satisfy the Cross-Cultural Awareness Requirement.
²See advisor.
³C.R.P 401, 434, FOR (E N R) 434, PRTM 343, or W F B (BIOSC) 313

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

Freshman Year
First Semester
1 - BIOL 120 Biological Inquiry Lab. and
3 - BIOL 121 Keys to Human Identity or
3 - BIOL 122 Keys to Biodiversity or
3 - BIOL 123 Keys to Human Biology or
3 - BIOL 124 Keys to Reproduction
3 - ECON 211 Principles of Microeconomics
3 - PRTM 101 Concepts of Leisure
3 - PRTM 281 Introduction to Golf Management
3 - Elective
16
Second Semester
3 - ECON 212 Principles of Macroeconomics
3 - ENGL 103 Accelerated Composition
1 - PRTM 195 PGM Seminar I
1 - PRTM 201 Recreation/Leisure Environment
1 - PRTM 207 Practicum II
1 - PRTM 282 Principles of Golfer Development
3 - Arts and Humanities (Non-Lit.) Requirement¹
16
Summer
0 - CO-OP 101 Cooperative Education
1 - PRTM 206 Practicum I
7
Sophomore Year
First Semester
3 - ACCT 201 Financial Accounting Concepts
3 - COMM 150 Intro. to Speech Comm. or
3 - COMM 250 Public Speaking
3 - PRTM 201 Recreation/Leisure Environment
3 - PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
1 - PRTM 295 PGM Seminar II
3 - Arts and Humanities (Literature) Requirement¹
16
Second Semester
3 - ACCT 202 Managerial Accounting Concepts
3 - EX ST 301 Introductory Statistics
3 - MGT 201 Principles of Management
3 - PRTM 283 Adv. Methods of Teaching Golf
3 - PRTM 308 Leadership and Group Processes in Recreation
15
Summer
0 - CO-OP 102 Cooperative Education
1 - PRTM 207 Practicum II
7
Junior Year
First Semester
0 - CO-OP 103 Cooperative Education
Second Semester
3 - ENGL 304 Business Writing
3 - PRTM 321 Recreation Administration
3 - PRTM 344 Tourism Markets and Supply
3 - PRTM 383 Golf Shop Operations
3 - PSYCH 201 Introduction to Psychology
3 - Elective
18
Senior Year
First Semester
3 - HORT 212 Introduction to Turfgrass Culture
1 - HORT 213 Turfgrass Culture Lab.
3 - LAW 322 Legal Environment of Business
3 - MKT 301 Principles of Marketing
3 - PRTM 309 Behavioral Concepts in PRTM
1 - PRTM 395 PGM Seminar III
3 - Mathematics or Natural Science Requirement¹
17
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 - FD SC 307 Restaurant Food Service Mgt.
3 - FIN 306 Corporation Finance
3 - PRTM 409 Methods of Recreation Research I
3 - PRTM 483 Golf Club Mgr. and Operations
1 - PRTM 495 PGM Seminar IV
3 - Elective
16
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.

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 - BIOL 103 General Biology I and
1 - BIOL 105 General Biology Lab. I or
5 - BIOL 110 Principles of Biology I
2 - C U 101 University Success Skills
3 - PRTM 101 Concepts of Leisure
3 - PSYCH 201 Introduction to Psychology
3 - Arts and Humanities (Non-Lit.) Requirement
15-16

Second Semester
3 - ENGL 103 Accelerated Composition
3 - PRTM 205 Program and Event Planning
3 - SOC 201 Introduction to Sociology
3 - Mathematics or Natural Science Requirement
3 - Elective
14

Sophomore Year
First Semester
3 - PRTM 201 Recreation/Leisure Environment
1 - PRTM 206 Practicum I
3 - PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
3 - Arts and Humanities (Literature) Requirement
4 - Science Requirement
15

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

Junior Year
First Semester
3 - PRTM 321 Recreation Administration
1 - PRTM 404 Field Training I
3 - Elective
12

Second Semester
3 - PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
3 - ECON 211 Principles of Microeconomics
3 - MKT 301 Principles of Marketing
1 - PRTM 207 Practicum II
3 - PRTM 308 Leadership and Group Processes in Recreation
3 - Approved Requirement
3 - Arts and Humanities (Literature) Requirement
16

Junior Year
First Semester
3 - LAW 322 Legal Environment of Business
3 - PRTM 321 Recreation Administration
3 - PRTM 343 Spatial Aspects of Tourist Behavior
1 - PRTM 404 Field Training I
3 - Advanced Writing Requirement
3 - Approved Requirement
16

Summer
6 - PRTM 405 Field Training II

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

Second Semester
3 - AP EC 351 Principles of Advertising
6 - Approved Requirement
3 - Elective
12

124 Total Semester Hours

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

Freshman Year
First Semester
2 - C U 101 University Success Skills
3 - GEOG 103 World Regional Geography
3 - MTHSC 101 Essential Math. for Informed Soc. or
3 - MTHSC 203 Elementary Statistical Inference
3 - PRTM 101 Concepts of Leisure
4 - Natural Science Requirement
15

Second Semester
3 - PRTM 205 Program and Event Planning
3 - ENGL 103 Accelerated Composition
3 - EX ST 301 Introductory Statistics
3 - PRTM 205 Program and Event Planning
3 - Elective
15

Sophomore Year
First Semester
3 - ACCT 201 Financial Accounting Concepts
3 - ECON 211 Principles of Microeconomics
1 - PRTM 207 Practicum II
3 - PRTM 210 Serving Diverse Populations in Parks, Recreation, and Tourism Management
3 - PRTM 342 Introduction to Tourism
16

College of Health, Education, and Human Development

113
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
Athletic Leadership
Biochemistry
Bioengineering
Biological Sciences—*not open to Science Teaching–Biological Sciences majors*
Business Administration
Chemistry
Cluster
Communication Studies
Community Recreation Management
Computer Science
Crop and Soil Environmental Science
East Asian Studies
Economics—*not open to Secondary Education–Economics majors*
Education
English
Entomology
Entrepreneurship
Environmental Engineering
Environmental Science and Policy
Equine Business
Film Studies
Financial Management
Food Science
Forest Products
Forest Resource Management
Genetics
Geography
Geology
Global Politics
Great Works
Health Science
History—*not open to Secondary Education–History majors*
Horticulture

Human Resource Management
Legal Studies
Management
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
Operations Management
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–Political Science majors*
Psychology—*not open to Secondary Education–Psychology majors*
Public Policy
Religion
Russian Area Studies
Science and Technology in Society
Screenwriting
Sociology—*not open to Secondary Education–Sociology majors*
Spanish-American Area Studies
Sport Management
Textiles
Theatre
Therapeutic Recreation
Travel and Tourism
Turfgrass
Urban Forestry
Wildlife and Fisheries Biology
Women’s Studies
Writing

See pages 35–38 for details.