COLLEGE OF HEALTH, EDUCATION AND HUMAN DEVELOPMENT

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

ATHLETIC LEADERSHIP CERTIFICATE

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

EUGENE T. MOORE SCHOOL OF EDUCATION

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

TEACHER EDUCATION PROGRAMS

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

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

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

Criminal Records Check

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

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

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

Admission

Professional—Application to the professional level of a program will be processed during the term in which a student is to complete 60 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 average 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 average of 2.5. Students with a grade-point average 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 4000-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 average 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 43 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 1050 Orientation to Education
3 - HIST 1730 The West and the World II
3 - MTHS 1150 Contemporary Mathematics for Elementary School Teachers I
3 - Foreign Language Requirement¹
4 - Natural Science Requirement²
15

Second Semester
3 - COMM 1500 Intro. to Human Comm., or COMM 2500 Public Speaking
3 - ENGL 1030 Accelerated Composition
3 - MTHS 1160 Contemporary Mathematics for Elementary School Teachers II
3 - Foreign Language Requirement¹
1 - Elective
15

Sophomore Year
First Semester
3 - GEOG 1030 World Regional Geography
3 - MTHS 2160 Geometry for Elementary School
3 - PSYC 2010 Introduction to Psychology
3 - Arts and Humanities (Literature) Requirement¹
4 - Natural Science Requirement²
16

Second Semester
3 - EDEC 2200 Family, School, and Community Relationships
3 - EDF 3020 Educational Psychology
3 - EDF (CTE) 3150 Technology Skills for Learning
3 - EDF 3340 Child Growth and Development
3 - Arts and Humanities (Non-Lit) Requirement³
3 - Science and Tech. in Society Requirement⁴
15

Junior Year
First Semester
3 - EDEC 3360 Social Development of Infants and Young Children¹
3 - EDEL 4800 Arts in the Elementary School¹
3 - EDEL 3210 Physical Education Methods and Content for Classroom Teachers³
3 - EDSP 3700 Introduction to Special Education³
3 - Elective
15

Second Semester
3 - EDEC 3000 Found. of Early Childhood Educ.⁶
3 - EDEC 4200 Early Childhood Science⁶
3 - EDEC 4500 Early Childhood Curriculum⁶
3 - EDF 3010 Principles of American Education¹
3 - EDLT 4580 Early Literacy: Birth–Kindergarten⁶
3 - EDSP 3750 Early Intervention for Infants and Children with Special Needs⁶
18

Senior Year
First Semester
3 - EDEC 4800 Directed Teaching in Early Childhood Education⁶
3 - EDEC 4850 Early Childhood Capstone⁸
12
123 Total Semester Hours
²Two semesters through 2020 in a modern foreign language are required. Spanish is recommended.
³One biological science and one physical science course, each with laboratory, must be selected from General Education Requirements. See advisor.
⁴ENGL 2120, 2130, 2140, or 2150
⁵See General Education Requirements.
⁶Must be taken the fall semester of the senior year.
⁷Must be taken the spring semester of the senior year.
⁸Must be taken the fall semester of the junior year.

SECOND SEMESTER

Second Semester
3 - EDLT 4590 Teaching Reading in the Early Grades: K–3²
4 - Natural Science Requirement²
16

Third Semester
3 - EDEL 3210 Physical Education Methods and Young Children³
3 - EDEL 3100 Arts in the Elementary School³
3 - Elective
15

Fourth Semester
3 - EDEC 4840 Directed Teaching in Early Childhood Education⁶
3 - EDEC 4600 Critical Issues in Early Childhood Education⁷
12

SECOND SEMESTER

Second Semester
3 - EDEL 4870 Elementary Methods in Social Studies in Primary Schools⁷
3 - EDEL 4510 Elem. Methods in Science Teaching
3 - EDEL 4050 Social Justice and 21st Century Classroom
3 - EDEL 4520 Elem. Methods in Math. Teaching
3 - EDEL 4620 Reading and Responding to Speakers of Other Lang. in Elem. Classrooms
3 - EDLT 4600 Teaching Reading in the Elementary Grades: 2–6
3 - MTHS 3160 Problem Solving for Math. Teachers
15

Third Semester
3 - EDEL 4850 Arts in the Elementary School
3 - EDF 3080 Classroom Assessment
3 - EDF 4800 Digital Technology in the 21st Century Classroom
3 - EDLT 4620 Teaching Reading in the Elementary School
12

Fourth Semester
3 - EDEL 4840 Directed Teaching in Early Childhood Education⁶
3 - EDEL 4670 Prin. and Strat. for Teaching Engl. Speakers of Other Lang. in Elem. Classrooms
3 - EDLT 4620 Reading and Responding to Literature in the Elementary School
3 - EDLT 4630 Teaching Reading and Writing to English Language Learners
15

SECOND SEMESTER

Second Semester
3 - EDLF 4500 Social Justice and 21st Cen. Learners
3 - EDLF 4520 Elem. Methods in Math. Teaching
3 - EDLF 4870 Elem. Methods in Social Studies Teaching
3 - EDEL 4880 Elementary Methods in Literature
3 - EDLT 4610 Content Area Reading: Grades 2–6
15

Third Semester
3 - EDF 3020 Educational Psychology
3 - EDF 3340 Child Growth and Development
3 - EDSP 3750 Early Intervention for Infants and Children with Special Needs⁶
18

Senior Year
First Semester
3 - COMM 1500 Intro. to Human Comm., or COMM 2500 Public Speaking
3 - EDEL 4800 Arts in the Elementary School
3 - MTHS 2160 Geometry for Elementary School Teachers I
4 - PHSC 1170 Intro. to Chemistry and Earth Science for Elementary Education Majors
3 - Arts and Humanities (Literature) Requirement²
16

Second Semester
3 - EDEL 3210 Physical Education Methods and Young Children³
3 - EDEC 3200 Found. of Early Childhood Educ.⁶
3 - EDEC 4200 Early Childhood Science⁶
3 - EDEC 4500 Early Childhood Curriculum⁶
3 - EDF 3010 Principles of American Education¹
3 - EDLT 4580 Early Literacy: Birth–Kindergarten⁶
3 - EDSP 3750 Early Intervention for Infants and Children with Special Needs⁶
18

Senior Year
First Semester
3 - EDEL 4870 Elementary Methods in Social Studies in Primary Schools⁷
3 - EDEL 4510 Elem. Methods in Science Teaching
3 - EDEL 4050 Social Justice and 21st Century Classroom
3 - EDEL 4520 Elem. Methods in Math. Teaching
3 - EDEL 4620 Reading and Responding to Speakers of Other Lang. in Elem. Classrooms
3 - EDLT 4600 Teaching Reading in the Elementary Grades: 2–6
3 - MTHS 3160 Problem Solving for Math. Teachers
15

Third Semester
3 - EDEL 4850 Arts in the Elementary School
3 - EDF 3080 Classroom Assessment
3 - EDF 4800 Digital Technology in the 21st Century Classroom
3 - EDLT 4620 Teaching Reading in the Elementary School
12

Fourth Semester
3 - EDEL 4840 Directed Teaching in Early Childhood Education⁶
3 - EDEL 4670 Prin. and Strat. for Teaching Engl. Speakers of Other Lang. in Elem. Classrooms
3 - EDLT 4620 Reading and Responding to Literature in the Elementary School
3 - EDLT 4630 Teaching Reading and Writing to English Language Learners
15

SECOND SEMESTER

Second Semester
3 - ENGL 1030 Accelerated Composition
3 - HIST 1010 History of the United States or HIST 1020 History of the United States
3 - MTHS 1160 Contemporary Mathematics for Elementary School Teachers II
4 - PHSC 1170 Intro. to Chemistry and Earth Science for Elementary Education Majors
3 - Arts and Humanities (Literature) Requirement²
16

SECOND SEMESTER

Second Semester
3 - EDEL 3210 Physical Education Methods and Content for Classroom Teachers
3 - EDF 3080 Classroom Assessment
3 - EDF 4800 Digital Technology in the 21st Century Classroom
3 - EDLT 4600 Teaching Reading in the Elementary Grades: 2–6
3 - MTHS 3160 Problem Solving for Math. Teachers
15

Third Semester
3 - EDEL 4850 Arts in the Elementary School
3 - EDF 3080 Classroom Assessment
3 - EDF 4800 Digital Technology in the 21st Century Classroom
3 - EDLT 4620 Teaching Reading in the Elementary School
12

Fourth Semester
3 - EDEL 4840 Directed Teaching in Early Childhood Education⁶
3 - EDEL 4670 Prin. and Strat. for Teaching Engl. Speakers of Other Lang. in Elem. Classrooms
3 - EDLT 4620 Reading and Responding to Literature in the Elementary School
3 - EDLT 4630 Teaching Reading and Writing to English Language Learners
15

SECOND SEMESTER

Second Semester
3 - ENGL 1030 Accelerated Composition
3 - HIST 1010 History of the United States or HIST 1020 History of the United States
3 - MTHS 1160 Contemporary Mathematics for Elementary School Teachers II
4 - PHSC 1170 Intro. to Chemistry and Earth Science for Elementary Education Majors
3 - Arts and Humanities (Literature) Requirement²
16

SECOND SEMESTER

Second Semester
3 - EDEL 3210 Physical Education Methods and Content for Classroom Teachers
3 - EDF 3080 Classroom Assessment
3 - EDF 4800 Digital Technology in the 21st Century Classroom
3 - EDLT 4600 Teaching Reading in the Elementary Grades: 2–6
3 - MTHS 3160 Problem Solving for Math. Teachers
15

Third Semester
3 - EDEL 4850 Arts in the Elementary School
3 - EDF 3080 Classroom Assessment
3 - EDF 4800 Digital Technology in the 21st Century Classroom
3 - EDLT 4620 Teaching Reading in the Elementary School
12

Fourth Semester
3 - EDEL 4840 Directed Teaching in Early Childhood Education⁶
3 - EDEL 4670 Prin. and Strat. for Teaching Engl. Speakers of Other Lang. in Elem. Classrooms
3 - EDLT 4620 Reading and Responding to Literature in the Elementary School
3 - EDLT 4630 Teaching Reading and Writing to English Language Learners
15

SECOND SEMESTER

Second Semester
3 - ENGL 1030 Accelerated Composition
3 - HIST 1010 History of the United States or HIST 1020 History of the United States
3 - MTHS 1160 Contemporary Mathematics for Elementary School Teachers II
4 - PHSC 1170 Intro. to Chemistry and Earth Science for Elementary Education Majors
3 - Arts and Humanities (Literature) Requirement²
16
Second Semester
3 - EDEL 4820 Capstone Sem. in Elem. Teaching
9 - EDEL 4830 Directed Teaching in the Elementary School
12
122 Total Semester Hours

Two semesters (through 2020) in the same modern foreign language (including American Sign Language) are required.
1Select from ENGL 2120, 2130, 2140 or 2150

MATHEMATICS AND SCIENCE EMPHASIS AREA

Freshman Year
First Semester
4 - BIOL 1090 Introduction to Life Science
2 - ED 1050 Orientation to Education
3 - GEOG 1030 World Regional Geography
3 - MTHS 1150 Contemporary Mathematics for Elementary School Teachers I
3 - Foreign Language Requirement1

Second Semester
3 - ENGL 1030 Accelerated Composition
3 - HIST 1010 History of the United States or 3 - HIST 1020 History of the United States
3 - MTHS 1160 Contemporary Mathematics for Elementary School Teachers II
4 - PHSC 1170 Intro. to Chemistry and Earth Science for Elementary Education Majors
3 - Foreign Language Requirement1

Sophomore Year
First Semester
3 - COMM 1500 Intro. to Human Comm. or 3 - COMM 2500 Public Speaking
3 - EDF 3010 Principles of American Education
3 - MTHS 2160 Geometry for Elementary School Teachers
4 - PHSC 1180 Intro. to Physics, Astronomy, and Earth Science for Elementary Education Majors
3 - Arts and Humanities (Literature) Requirement2

Second Semester
3 - EDEL 4820 Capstone Sem. in Elem. Teaching
9 - EDEL 4830 Directed Teaching in the Elem. Sch.
12
122 Total Semester Hours

Two semesters (through 2020) in the same modern foreign language (including American Sign Language) are required.
1Select from ENGL 2120, 2130, 2140 or 2150.
2Any ASTR, BIOL, CH, ENR, ENSP, ENT, FOR, FNR, GEN, GEOL or PHYS course chosen in conjunction with advisor.

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 Secondary Education with a Teaching Area of Mathematics is also 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 1050 Chemistry in Context I
2 - ED 1050 Orientation to Education
4 - MTHS 1060 Calculus of One Variable I
3 - PHIL 1020 Introduction to Logic
3 - Cross-Cultural Awareness Requirement1

Second Semester
4 - CH 1060 Chemistry in Context II
3 - ENGL 1030 Accelerated Composition
4 - MTHS 1080 Calculus of One Variable II
3 - MTHS 1190 Intro to Discrete Methods or 3 - MTHS 1290 Prob. Solving in Discrete Math.
3 - Science Requirement2

Sophomore Year
First Semester
3 - COMM 1500 Intro. to Human Comm. or 3 - COMM 2500 Public Speaking
3 - EDF 2260 A Prof. Approach to Sec. Algebra
4 - MTHS 2060 Calculus of Several Variables
3 - PHYS 1220 Physics with Calculus I
1 - PHYS 1240 Physics Lab. I
3 - Arts and Humanities (Literature) Requirement2

Second Semester
3 - ECON 2100 Economic Concepts or 3 - ECON 2110 Principles of Microeconomics
3 - EDF 3020 Educational Psychology
1 - EDF (CTE) 3150 Technology Skills for Learning
4 - MTHS 2080 Intro. to Ordinary Diff. Equations
3 - MTHS 3110 Linear Algebra
3 - PHYS 2210 Physics with Calculus II
1 - PHYS 2230 Physics Lab. II

Junior Year
First Semester
3 - EDF 3010 Principles of American Education
3 - EDS 3260 Practicum in Secondary Math.
3 - MTHS 3020 Statistics for Science and Engr.
3 - SOC 1010 Introduction to Sociology or 3 - SOC 2020 Social Problems
3 - Science Requirement2

Second Semester
3 - EDF 3350 Adolescent Growth and Development
3 - EDSP 3700 Introduction to Special Education
3 - EDS 4370 Technology in Secondary Math.
3 - MTHS 3080 College Geometry
3 - MTHS 4120 Introduction to Modern Algebra

Senior Year
First Semester
1 - EDf (CTE) 3150 Technology Skills for Learning
3 - EDS 4260 Teaching Secondary Mathematics3
3 - EDSC 4260 Teaching Secondary Mathematics4
3 - EDLT 4980 Secondary Content Area Reading4
3 - MTHS 4000 Theory of Probability or 3 - MTHS 4050 Stat. Theory and Methods II
3 - MTHS 4080 Topics in Geometry
3 - MTHS 4530 Advanced Calculus I

Second Semester
9 - EDS 4460 Teaching Internship in Secondary Mathematics5
3 - EDS 4560 Secondary Math, Capstone Sem.6
12
126 Total Semester Hours

1See General Education Requirements.
2Select from courses in ASTR, BIOL, CH, GEOL, PHYS.
3ENG 2120, 2130, 2140, or 2150
4EDF 4250, EDS 4260, and EDLT 4980 must be taken concurrently. Offered fall semester only.
5EDSC 4460 and 4560 must be taken concurrently. Offered spring semester only.
6Select from courses in ASTR, BIOL, CH, GEOL, PHYS.
### Bachelor of Arts in Science Teaching

**TEACHING AREA:** Biological Sciences

**Junior Year**

<table>
<thead>
<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>3 - BIOL 4610 Cell Biology</td>
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<tr>
<td>2 - BIOL 4620 Cell Biology Laboratory</td>
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<tr>
<td>3 - EDF 3020 Educational Psychology</td>
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<tr>
<td>3 - EDSC 3270 Practicum in Secondary Science</td>
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<tr>
<td>4 - Animal or Plant Diversity Requirement</td>
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<tr>
<td>3 - Ecology Requirement</td>
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<td><strong>18</strong></td>
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<table>
<thead>
<tr>
<th>Second Semester</th>
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<tbody>
<tr>
<td>3 - BIOL 3350 Evolutionary Biology</td>
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<tr>
<td>3 - BIOL 4820 Lab. Techniques for Teaching Sci.</td>
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<tr>
<td>3 - EDF 3580 Adolescent Growth and Development</td>
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<tr>
<td>3 - ENGL 3150 Scientific Writing and Comm.</td>
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<tr>
<td>4 - Animal or Plant Diversity Requirement</td>
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**Senior Year**

<table>
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<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>3 - COMM 1500 Intro. to Human Comm. or</td>
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<td>3 - GEOG 1030 World Regional Geography</td>
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<thead>
<tr>
<th>Second Semester</th>
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<tbody>
<tr>
<td>9 - EDSC 4470 Teaching Internship in Sec. Sci.</td>
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<tr>
<td>9 - EDSC 4570 Sec. Science Capstone Seminar</td>
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</table>

130–132 Total Semester Hours

- Two semesters (through 2020) in any modern foreign language (including American Sign Language) are required.
- EXST 3010, MTHS 2010, 3010, or 3090
- ENGL 2120, 2130, 2140, or 2150
- One lecture course must be completed for both biochemistry (BCHM 3010 or BCHM 3050) and for genetics (GEN 3000 or GEN 3020).
- One lecture and associated laboratory must be completed for both animal diversity (BIOL 3020/3060 or BIOL 3030/3070) and for plant diversity (BIOL 3040/3080, BIOL 3200, or BIOL 4060/4070).
- BIOL 4410, 4430, 4460, or 4700
- To be taken the semester prior to EDSC 4470 and 4570. EDSC 4270 and EDLT 4980 must be taken concurrently.
- See General Education Requirements.
- EDSC 4470 and 4570 must be taken concurrently. Offered spring semester only.

**Second Semester**

| 3 - BIOL 1040 General Biology I and |
| 1 - BIOL 1050 General Biology Lab. I or |
| 5 - BIOL 1100 Principles of Biology |
| 4 - CH 1010 General Chemistry |
| 3 - COMM 1500 Intro. to Human Comm. or |
| 3 - COMM 2500 Public Speaking |
| 4 - MTHS 1060 Calculus of One Variable I |

**Bachelor of Science**

**Freshman Year**

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<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>3 - BIOL 1030 General Biology I and</td>
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<tr>
<td>1 - BIOL 1050 General Biology Lab. I or</td>
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<tr>
<td>5 - BIOL 1100 Principles of Biology</td>
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<tr>
<td>4 - CH 1010 General Chemistry</td>
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<tr>
<td>3 - COMM 1500 Intro. to Human Comm. or</td>
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<td>3 - COMM 2500 Public Speaking</td>
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<tr>
<td>4 - MTHS 1060 Calculus of One Variable I</td>
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</tbody>
</table>

**Second Semester**

| 3 - BIOL 1040 General Biology I and |
| 1 - BIOL 1050 General Biology Lab. I or |
| 5 - BIOL 1100 Principles of Biology |
| 4 - CH 1010 General Chemistry |
| 3 - COMM 1500 Intro. to Human Comm. or |
| 3 - COMM 2500 Public Speaking |
| 4 - MTHS 1060 Calculus of One Variable I |

**Sophomore Year**

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<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>4 - CH 2100 Survey of Organic Chemistry</td>
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<td>3 - ED 3010 Principles of American Education</td>
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<td>1 - EDF (CTE) 3150 Technology Skills for Learning</td>
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<tr>
<td>3 - PHYS 2080 General Physics II</td>
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<tr>
<td>1 - PHYS 2100 General Physics II Lab.</td>
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<tr>
<td>3 - Biochemistry or Genetics Requirement</td>
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<table>
<thead>
<tr>
<th>Second Semester</th>
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<tbody>
<tr>
<td>3 - BIOL 3350 Evolutionary Biology</td>
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<tr>
<td>3 - BIOL 4820 Lab. Techniques for Teaching Sci.</td>
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<tr>
<td>3 - EDF 3580 Adolescent Growth and Development</td>
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<tr>
<td>3 - ENGL 3150 Scientific Writing and Comm.</td>
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<td>4 - Animal or Plant Diversity Requirement</td>
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**Junior Year**

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<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>9 - EDSC 4470 Teaching Internship in Sec. Sci.</td>
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<tr>
<td>9 - EDSC 4570 Sec. Science Capstone Seminar</td>
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<tr>
<th>Second Semester</th>
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<tbody>
<tr>
<td>4 - Plant or Animal Diversity Requirement</td>
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**Senior Year**

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<tr>
<th>First Semester</th>
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<tbody>
<tr>
<td>3 - BIOL 4610 Cell Biology</td>
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<td>2 - BIOL 4620 Cell Biology Laboratory</td>
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<tr>
<td>3 - EDSC 3270 Practicum in Secondary Science</td>
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<tr>
<td>3 - Ecology Requirement</td>
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<tr>
<td>4 - Animal or Plant Diversity Requirement</td>
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</tr>
</tbody>
</table>

**Second Semester**

| 3 - BIOL 3350 Evolutionary Biology |
| 3 - BIOL 4820 Lab. Techniques for Teaching Sci. |
| 3 - EDF 3580 Adolescent Growth and Development |
| 3 - Arts and Humanities (Literature) Requirement |
| 4 - Plant or Animal Diversity Requirement |

**Bachelor of Science**

**Freshman Year**

<table>
<thead>
<tr>
<th>First Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 - BIOL 1030 General Biology I and</td>
</tr>
<tr>
<td>1 - BIOL 1050 General Biology Lab. I or</td>
</tr>
<tr>
<td>5 - BIOL 1100 Principles of Biology</td>
</tr>
<tr>
<td>4 - CH 1010 General Chemistry</td>
</tr>
<tr>
<td>3 - COMM 1500 Intro. to Human Comm. or</td>
</tr>
<tr>
<td>3 - COMM 2500 Public Speaking</td>
</tr>
<tr>
<td>4 - MTHS 1060 Calculus of One Variable I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 - BIOL 1040 General Biology I and</td>
</tr>
<tr>
<td>1 - BIOL 1050 General Biology Lab. I or</td>
</tr>
<tr>
<td>5 - BIOL 1100 Principles of Biology</td>
</tr>
<tr>
<td>4 - CH 1010 General Chemistry</td>
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<td>4 - MTHS 1060 Calculus of One Variable I</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>121-123 Total Semester Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>1EXST 3010, MTHS 2010, 3010, or 3090</td>
</tr>
<tr>
<td>1One lecture course must be completed for both biochemistry (BCHM 3010 or BCHM 3050) and for genetics (GEN 3000 or GEN 3020).</td>
</tr>
<tr>
<td>2One lecture and associated laboratory must be completed for both animal diversity (BIOL 3020/3060 or BIOL 3030/3070) and for plant diversity (BIOL 3040/3080, BIOL 3200, or BIOL 4060/4070).</td>
</tr>
<tr>
<td>3BIOL 4410, 4430, 4460, or 4700</td>
</tr>
<tr>
<td>4To be taken the semester prior to EDSC 4470 and 4570. EDSC 4270 and EDLT 4980 must be taken concurrently.</td>
</tr>
<tr>
<td>5See General Education Requirements.</td>
</tr>
<tr>
<td>6EDSC 4470 and 4570 must be taken concurrently. Offered spring semester only.</td>
</tr>
</tbody>
</table>
TEACHING AREA: CHEMISTRY
Bachelor of Arts

Freshman Year
First Semester
4 - CH 1010 General Chemistry
1 - CH 1410 Chemistry Orientation
3 - ENGL 1030 Accelerated Composition
4 - MTHS 1080 Calculus of One Variable I
3 - Foreign Language Requirement
15

Second Semester
4 - CH 1020 General Chemistry
2 - CH 1520 Chemistry Communication I
4 - MTHS 1080 Calculus of One Variable II
3 - PHYS 1220 Physics with Calculus I
2 - CH 1410 Chemistry Orientation
4 - MTHS 1010 General Chemistry
First Semester
Bachelor of Science

PHYSICAL SCIENCES

Junior Year
First Semester
3 - BIOL 1030 General Biology I
1 - BIOL 1050 General Biology Laboratory I
3 - BIOL 1100 Principles of Biology I
3 - CH 3170 Quantitative Analysis
3 - ASTR 1020 Stellar Astronomy
1 - PHYS 1240 Physics Laboratory I
1 - BIOL 1040 General Biology II
or
3 - BIOL 1030 General Biology I
5 - BIOL 1100 Principles of Biology I
3 - CH 2050 Intro. to Inorganic Chemistry
1 - EDF 3010 Principles of American Education
1 - EDF (CTE) 3150 Technology Skills for Learning
3 - PHYS 2220 Physics with Calculus II
1 - PHYS 2240 Physics Lab. III
15-16

Second Semester
3 - ASTR 1050 Physics of the Universe
3 - ASTR 1020 Stellar Astronomy
1 - BIOS 1040 General Biology Lab. II or
5 - BIOL 1100 Principles of Biology II
3 - CH 2050 Intro. to Inorganic Chemistry
1 - EDF 3010 Principles of American Education
1 - EDF (CTE) 3150 Technology Skills for Learning
3 - PHYS 2220 Physics with Calculus II
1 - PHYS 2240 Physics Lab. III
15-16

Junior Year
First Semester
3 - EDSP 3700 Introduction to Special Education
3 - EDSC 4270 Teaching Secondary Science
3 - EDLT 4980 Secondary Content Area Reading
3 - GEOG 1030 World Regional Geography
3 - Arts and Humanities (Literature) Requirement
15

Second Semester
3 - CH 4500 Chemistry Capstone
1 - CH 4520 Chemistry Communication II
9 - EDSC 4470 Teaching Internship in Sec. Sci.
3 - EDSC 4570 Sec. Science Capstone Seminar
16

123–125 Total Semester Hours

Sophomore Year
First Semester
3 - CH 2230 Organic Chemistry
1 - CH 2270 Organic Chemistry Laboratory
2 - ED 1050 Orientation to Education
3 - HIST 1220 History, Technology, and Society or
3 - HIST 1240 Environmental History Survey
3 - PHYS 2210 Physics with Calculus II
1 - PHYS 2230 Physics Laboratory I
3 - Arts and Humanities (Non-Lit.) Requirement
17

Second Semester
3 - CH 2050 Intro. to Inorganic Chemistry
1 - CH 2240 Organic Chemistry
1 - CH 2280 Organic Chemistry Laboratory
3 - EDF 3010 Principles of American Education
1 - EDF 3170 Quantitative Analysis
3 - PHYS 2220 Physics with Calculus II
First Semester
Senior Year
First Semester
3 - EDSP 3700 Introduction to Special Education
3 - EDSC 4270 Teaching Secondary Science
3 - EDLT 4980 Secondary Content Area Reading
3 - GEOG 1030 World Regional Geography
3 - Arts and Humanities (Literature) Requirement
Senior Year
First Semester
3 - EDSP 3700 Introduction to Special Education
3 - EDSC 4270 Teaching Secondary Science
3 - EDLT 4980 Secondary Content Area Reading
3 - GEOG 1030 World Regional Geography
3 - Arts and Humanities (Literature) Requirement

Sophomore Year
First Semester
3 - BIOL 1030 General Biology I
1 - BIOL 1050 General Biology Laboratory I or
5 - BIOL 1100 Principles of Biology I
3 - CH 3130 Quantitative Analysis
1 - CH 3170 Quantitative Analysis Laboratory
3 - CH 3300 Introduction to Physical Chemistry
3 - EDSC 3270 Practicum in Secondary Science
3 - Arts and Humanities (Literature) Requirement
120–123 Total Semester Hours

1 - BIOL 1040 General Biology II
and
1 - BIOL 1060 General Biology Laboratory II or
5 - BIOL 1110 Principles of Biology II
3 - BIOL 4820 Laboratory Techniques for Teaching Science
3 - EDF 3020 Educational Psychology
3 - EDF 3350 Adolescent Growth and Develop.
3 - Statistics Requirement
16-17
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 - ENGL 1030 Accelerated Composition
2 - ED 1050 Orientation to Education
3 - COMM 2500 Public Speaking
3 - COMM 1500 Intro. to Human Comm. or
3 - COMM 2500 Public Speaking
2 - ED 1050 Orientation to Education
3 - ENGL 1030 Accelerated Composition
3 - Foreign Language Requirement
3 - Mathematics Requirement
15

Second Semester
3 - ENGL 3000 Professional Development
2 - ENGL 4110 Shakespeare
3 - English Literature Survey Requirement
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Diversity Req.
17

Junior Year

First Semester
3 - EDSC 3240 Prac. in Teaching Secondary Engl.
3 - EDSC 4240 Teaching Secondary English
3 - ENGL 4850 Composition for Teachers
3 - ENGL 4960 English Senior Seminar
3 - EDLT 4980 Secondary Content Area Reading

Second Semester
3 - EDSC 4240 Teaching Secondary English
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Requirement
3 - Social Science Requirement
15

Senior Year

First Semester
1 - EDF 4250 Instructional Technology Strategies
9 - EDSC 4440 Teaching Intern. in Secondary English
3 - EDSC 4540 Secondary English Capstone Sem.

Second Semester
1 - EDF 4250 Instructional Technology Strategies
13 - EDSC 4540 Secondary English Capstone Sem.
13 - ENGL 3570 is required.
6 - This course qualifies as a Literature Emphasis Area Requirement for a BA in English.
ENGL 3570 is required.
7 - Students must complete 45 hours of field experience in a public school.
8 - Select from ENGL 4350, 4360, or 4370. This course qualifies as a Literature Emphasis Area Requirement for a BA in English.
ENGL 3570 is required.
9 - 4350, 4360, or 4420, or other course approved by the department.
10 - Select from ENGL 4350, 4360, or 4420. This course qualifies as a Literature Emphasis Area Requirement for a BA in English.
ENGL 3570 is required.
11 - 4350, 4360, or 4420, or other course approved by the department.
12 - 4350, 4360, or 4420, or other course approved by the department.
13 - 4350, 4360, or 4420, or other course approved by the department.
14 - 4350, 4360, or 4420, or other course approved by the department.
15 - 4350, 4360, or 4420, or other course approved by the department.
16 - 4350, 4360, or 4420, or other course approved by the department.

Sophomore Year

First Semester
3 - EDSC 4270 Teaching Secondary Science
3 - EDLT 4980 Secondary Content Area Reading
3 - EDSC 4570 Sec. Science Capstone Seminar
15
127-129 Total Semester Hours

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 - ENGL 1030 Accelerated Composition
2 - ED 1050 Orientation to Education
3 - COMM 2500 Public Speaking
3 - COMM 1500 Intro. to Human Comm. or
3 - COMM 2500 Public Speaking
2 - ED 1050 Orientation to Education
3 - ENGL 1030 Accelerated Composition
3 - Foreign Language Requirement
3 - Mathematics Requirement
15

Second Semester
3 - ENGL 3000 Professional Development
2 - ENGL 4110 Shakespeare
3 - English Literature Survey Requirement
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Diversity Req.
17

Junior Year

First Semester
3 - EDSC 3240 Prac. in Teaching Secondary Engl.
3 - EDSC 4240 Teaching Secondary English
3 - ENGL 4850 Composition for Teachers
3 - ENGL 4960 English Senior Seminar
3 - EDLT 4980 Secondary Content Area Reading

Second Semester
3 - EDSC 4240 Teaching Secondary English
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Requirement
3 - Social Science Requirement
15

Senior Year

First Semester
1 - EDF 4250 Instructional Technology Strategies
9 - EDSC 4440 Teaching Intern. in Secondary English
3 - EDSC 4540 Secondary English Capstone Sem.

Second Semester
1 - EDF 4250 Instructional Technology Strategies
13 - EDSC 4540 Secondary English Capstone Sem.
13

Second Semester
3 - CH 3300 Intro. to Physical Chemistry or
3 - CH 3300 Intro. to Physical Chemistry
3 - ASTR 101 Solar System Astronomy
3 - ASTR 101 Solar System Astronomy

College of Health, Education and Human Development

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

Freshman Year

First Semester
3 - ENGL 1030 Accelerated Composition
2 - ED 1050 Orientation to Education
3 - COMM 2500 Public Speaking
3 - COMM 1500 Intro. to Human Comm. or
3 - COMM 2500 Public Speaking
2 - ED 1050 Orientation to Education
3 - ENGL 1030 Accelerated Composition
3 - Foreign Language Requirement
3 - Mathematics Requirement
15

Second Semester
3 - ENGL 3000 Professional Development
2 - ENGL 4110 Shakespeare
3 - English Literature Survey Requirement
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Diversity Req.
17

Senior Year

First Semester
3 - EDSC 3240 Prac. in Teaching Secondary Engl.
3 - EDSC 4240 Teaching Secondary English
3 - ENGL 4850 Composition for Teachers
3 - English Literature Survey Requirement
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Diversity Req.
15

Second Semester
3 - EDSC 4240 Teaching Secondary English
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Requirement
3 - Social Science Requirement
15

Second Semester
3 - CH 3300 Intro. to Physical Chemistry or
3 - CH 3300 Intro. to Physical Chemistry
3 - ASTR 101 Solar System Astronomy
3 - ASTR 101 Solar System Astronomy

College of Health, Education and Human Development

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

Freshman Year

First Semester
3 - ENGL 1030 Accelerated Composition
2 - ED 1050 Orientation to Education
3 - COMM 2500 Public Speaking
3 - COMM 1500 Intro. to Human Comm. or
3 - COMM 2500 Public Speaking
2 - ED 1050 Orientation to Education
3 - ENGL 1030 Accelerated Composition
3 - Foreign Language Requirement
3 - Mathematics Requirement
15

Second Semester
3 - ENGL 3000 Professional Development
2 - ENGL 4110 Shakespeare
3 - English Literature Survey Requirement
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Diversity Req.
17

Senior Year

First Semester
3 - EDSC 3240 Prac. in Teaching Secondary Engl.
3 - EDSC 4240 Teaching Secondary English
3 - ENGL 4850 Composition for Teachers
3 - English Literature Survey Requirement
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Diversity Req.
15

Second Semester
3 - EDSC 4240 Teaching Secondary English
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Requirement
3 - Social Science Requirement
15

Senior Year

First Semester
3 - EDSC 3240 Prac. in Teaching Secondary Engl.
3 - EDSC 4240 Teaching Secondary English
3 - ENGL 4850 Composition for Teachers
3 - English Literature Survey Requirement
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Diversity Req.
15

Second Semester
3 - EDSC 4240 Teaching Secondary English
3 - Literature Emphasis Area Requirement
3 - Literature Emphasis Area Requirement
3 - Social Science Requirement
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 1050 Orientation to Education
3 - ENGL 1030 Accelerated Composition
4 - MTHS 1060 Calculus of One Variable I
3 - Foreign Language Requirement
4 - Natural Science Requirement

Second Semester
4 - MTHS 1080 Calculus of One Variable II
3 - MTHS 1190 Intro to Discrete Methods or MTHS 1290 Problem Solving in Discrete Math.
3 - PHIL 1020 Introduction to Logic
3 - PHYS 1220 Physics with Calculus I
1 - PHYS 1240 Physics Laboratory I
3 - Foreign Language Requirement

Sophomore Year
First Semester
3 - ECON 2000 Economic Concepts or ECON 2100 Principles of Microeconomics
3 - EDSC 2260 A Prof. Approach to Sec. Algebra
3 - HIST 1020 History of the United States
4 - MTHS 2060 Calculus of Several Variables
1 - MTHS 2500 Intro to Mathematical Sciences
3 - Computer Science Requirement

Second Semester
3 - EDF 3020 Educational Psychology
1 - PHYS 1240 Physics Laboratory I
3 - ENGL 2140 American Literature
3 - BIOL 2000 Biology in the News
Second Semester
15
3 - Foreign Language Requirement
3 - GEOG 1010 Introduction to Geography
3 - ENGL 2140 American Literature
3 - BIOL 2000 Biology in the News

Senior Year
First Semester
3 - COMM 2500 Public Speaking
1 - EDF 4250 Instructional Technology Strategies
1 - EDLT 4980 Secondary Content Area Reading
3 - EDSC 4260 Teaching Secondary Mathematics
1 - MTHS 4080 Topics in Geometry
3 - MTHS 4530 Advanced Calculus I

Second Semester
9 - EDSC 4460 Teaching Internship in Secondary Mathematics
125 Total Semester Hours

Sophomore Year
First Semester
3 - ECON 2000 Economic Concepts or ECON 2100 Principles of Microeconomics
3 - EDSC 2260 A Prof. Approach to Sec. Algebra
3 - HIST 1020 History of the United States
4 - MTHS 2060 Calculus of Several Variables
1 - MTHS 2500 Intro to Mathematical Sciences
3 - Computer Science Requirement

Second Semester
3 - EDF 3020 Educational Psychology
1 - ED 1050 Orientation to Education
3 - ENGL 1030 Accelerated Composition
3 - MTHS 1010 Essential Math. for Informed Soc.
3 - AAH 2100, MUSC 2100, THEA 2100, or any other course related to science or mathematics that satisfies the General Education STS requirement may be substituted.
3 - PHIL, REL, THEA (except 3770, 4870, 4970), WS, or foreign language course numbered 3000 or higher.
3 - Science and Tech. in Society Requirement

Junior Year
First Semester
3 - EDF 3350 Adolescent Growth and Development
3 - EDSP 3700 Introduction to Special Education
3 - EDSC 4370 Technology in Secondary Math.
3 - MTHS 3080 College Geometry
3 - MTHS 4120 Introduction to Modern Algebra

Second Semester
3 - EDF (CTE) 3150 Technology Skills for Learning
3 - HIST 1020 History of the United States
3 - HIST 1730 The West and the World II
4 - HIST 2990 Seminar: The Historian’s Craft
3 - Advanced Humanities Requirement
3 - Arts and Humanities (Non-Lit.) Requirement

Junior Year
First Semester
3 - EDF (HIST) 3200 History of U.S. Public Educ.
3 - EDF 3350 Adolescent Growth and Development
3 - EDSC 3280 Practicum in Secondary Social Studies
9 - Teaching Major

Second Semester
3 - SOC 2100 Introduction to Sociology
3 - Advanced Humanities Requirement
3 - Arts and Humanities Requirement
9 - Teaching Major

Senior Year
First Semester
1 - EDF 4250 Instructional Technology Strategies
3 - EDSP 3700 Introduction to Special Education
3 - EDSC 4260 Teaching Secondary Social Studies
3 - EDLT 4980 Secondary Content Area Reading
3 - HIST 4900 Senior Seminar
3 - Advanced Humanities Requirement

Second Semester
9 - EDSC 4480 Teaching Internship in Secondary Social Studies
3 - EDSC 4580 Secondary Social Studies Capstone Seminar
129 Total Semester Hours

Sophomore Year
First Semester
3 - ECON 2000 Economic Concepts
3 - EDF 3020 Educational Psychology
3 - HIST 1010 History of the United States
3 - HIST 1720 The West and the World I
3 - PO SC 1010 American National Government

Second Semester
1 - EDF (CTE) 3150 Technology Skills for Learning
3 - HIST 1020 History of the United States
3 - HIST 1730 The West and the World II
4 - HIST 2990 Seminar: The Historian’s Craft
3 - Advanced Humanities Requirement
3 - Arts and Humanities (Non-Lit.) Requirement

Junior Year
First Semester
3 - EDF (HIST) 3200 History of U.S. Public Educ.
3 - EDF 3350 Adolescent Growth and Development
3 - EDSC 3280 Practicum in Secondary Social Studies
9 - Teaching Major

Second Semester
3 - SOC 2100 Introduction to Sociology
3 - Advanced Humanities Requirement
3 - Arts and Humanities Requirement
9 - Teaching Major

Senior Year
First Semester
1 - EDF 4250 Instructional Technology Strategies
3 - EDSP 3700 Introduction to Special Education
3 - EDSC 4260 Teaching Secondary Social Studies
3 - EDLT 4980 Secondary Content Area Reading
3 - HIST 4900 Senior Seminar
3 - Advanced Humanities Requirement

Second Semester
9 - EDSC 4480 Teaching Internship in Secondary Social Studies
3 - EDSC 4580 Secondary Social Studies Capstone Seminar
129 Total Semester Hours

*Two semesters (through 2020) in any modern foreign language, including American Sign Language, are required.

*See General Education Requirements.

*Any other course related to science or mathematics that satisfies the General Education STS requirement may be substituted.

*Select from AAH 2100, MUSC 2100, THEA 2100, or any other course related to science or mathematics that satisfies the General Education STS requirement may be substituted.

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*Select from AAH 2100, MUSC 2100, THEA 2100, or any other course related to science or mathematics that satisfies the General Education STS requirement may be substituted.
SPECIAL EDUCATION

Bachelor of Arts

The Bachelor of Arts degree in Special Education prepares students to teach individuals with mild disabilities in grades P-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
- ED 1050 Orientation to Education
- HIST 1240 Environmental History
- MTHS 1150 Contemporary Mathematics for Elementary School Teachers I
- Foreign Language Requirement
- Natural Science Requirement

Second Semester
- ENGL 1030 Accelerated Composition
- GEOG 1030 World Regional Geography
- MTHS 1160 Contemporary Mathematics for Elementary School Teachers II
- Foreign Language Requirement
- Natural Science Requirement

Sophomore Year

First Semester
- EDF 3100 Principles of American Education
- EDSP 3710 Introduction to Special Education
- MTHS 2160 Geometry for Elementary School Teachers
- Arts and Humanities (Literature) Requirement
- Natural Science Requirement

Second Semester
- COMM 1500 Intro. to Human Comm. or COMM 2500 Public Speaking
- EDSP 3120 Educational Psychology
- EDF 3340 Child Growth and Development or EDF 3350 Adolescent Growth and Dev.
- Arts and Humanities (Non-Lit.) Requirement
- History Requirement

Junior Year

First Semester
- EDEL 3100 Arts in the Elementary School
- EDIT 4600 Teaching Reading in the Elementary Grades: 2-6
- EDIT 4800 Foundations of Digital Media and Learning
- EDSP 3720 Char. and Instruction of Individuals with Learning Disabilities
- EDSP 3740 Char. and Strat. for Individuals with Emotional/Behavioral Disorders

Second Semester
- EDEL 4510 Elem. Meth. in Science Teaching
- EDEL 4870 Elementary Methods in Social Studies Teaching
- EDSP 3700 Characteristics and Instruction of Individuals with Intellectual Disabilities and Autism
- EDSP 3750 Early Intervention Strategies for Young Children with Special Needs
- EDSP 4910 Educational Assessment of Individuals with Disabilities

Senior Year

First Semester
- EDSP 4920 Mathematics Instruction for Individuals with Mild Disabilities
- EDSP 4930 Classroom and Behavior Management for Special Educators
- EDSP 4940 Teaching Reading to Students with Mild Disabilities
- EDSP 4960 Special Education Field Experience
- EDSP 4970 Secondary Methods for Individuals with Disabilities

Second Semester
- EDSP 4950 Communication and Collaboration in Special Education
- EDSP 4980 Directed Teaching in Special Ed.

122 Total Semester Hours

*Two semesters (through 2020) in the same modern foreign language (including American Sign Language) are required.

**See General Education Requirements. Eight credit hours must be in a sequence. Biological and physical sciences must be represented. PHSC 1070, 1080, and BIOL 1090 are recommended.

†ENGL 2120, 2130, 2140, or 2150.

‡See General Education Requirements.

§HIST 1010, 1020, 1720, 1730, or 1930.

‖EDLT 4600 and EDSP 3720 and 3740 must be taken concurrently during the fall semester of junior year.

¶EDEL 4510 and 4870, EDSP 3730, 3750, and 4910, and EDLT 4600 must be taken concurrently during the spring semester of the junior year.

‖EDSP 4920, 4930, 4940, 4960, and 4970 must be taken concurrently during the fall semester of the senior year.

HEALTH SCIENCE

Bachelor of Science

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

Plans of study can be arranged in health promotion and education, health services administration, leadership for cardiovascular technology, and 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 Cardiovascular Imaging Leadership Concentration provides a core of health science classes, training in diagnostic cardiovascular sonography, and a leadership certificate. The Health Services Administration Concentration allows students to develop skills and competencies in health administration/management for entry-level careers or graduate study in this area. A minor in Business Administration is integral to the concentration.

The department, in cooperation with the College of Architecture, Arts and Humanities, also offers a joint Bachelor of Science degree in Language and International Health (see pages 68-69).

When space is available, students with fewer than 50 credit hours earned may apply to change majors into Health Science with a minimum cumulative grade-point average 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 average 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.ched.clemson.edu/PublicHealth/index.htm.

HEALTH PROMOTION AND EDUCATION CONCENTRATION

Freshman Year

First Semester
- BIOL 1030 General Biology I and
- BIOL 1050 General Biology Lab. I or
- BIOL 1100 Principles of Biology I
- HLTH 2020 Introduction to Public Health
- PSYC 2010 Introduction to Psychology
- SOC 2010 Introduction to Sociology
- Elective
- Elective

Second Semester
- BIOL 1050 General Biology I or
- BIOL 1100 Principles of Biology I
- HLTH 2030 Overview of Health Care Systems
- Statistics Requirement
- Social Science Requirement
- Elective
- Elective

Sophomore Year

First Semester
- CH 1010 General Chemistry or
- CH 1050 Chemistry in Context I
- HLTH 2980 Human Health and Disease
- NUTR 2030 Principles of Human Nutrition
- Guided Requirement
- Elective
Second Semester
1. CH 1020 General Chemistry or
2. CH 1060 Chemistry in Context II
3. COMM 1500 Intro. to Human Comm. or
4. COMM 2500 Public Speaking
5. HLTH 4200 Determinants of Health Behavior
6. HLTH 3980 Health Appraisal Skills
7. PSYC 3400 Lifespan Developmental Psych.

Junior Year
First Semester
1. BIOL 2220 Human Anatomy and Phys. I
2. HLTH 4190 Health Science Internship Preparation Seminar
3. HLTH 4800 Community Health Promotion
4. HLTH 4900 Research and Evaluation Strategies for Public Health
5. Arts and Humanities (Non-Lit.) Requirement
6. Elective

Second Semester
1. BIOL 2230 Human Anatomy and Phys. II
2. HLTH 4190 Health Science Internship
3. HLTH 4600 Health Information Systems
4. BIOL 2230 Human Anatomy and Phys. II
5. HLTH 4900 Research and Evaluation
6. HLTH 4800 Community Health Promotion
7. Elective

Senior Year
First Semester
1. HLTH 4190 Health Science Internship
2. Elective

Second Semester
1. Arts and Humanities (Literature) Requirement
2. Guided Requirement
3. Health Requirement
4. Elective

15-16

120–122 Total Semester Hours

HEALTH SERVICES ADMINISTRATION CONCENTRATION
Freshman Year
First Semester
1. ECON 2110 Principles of Macroeconomics
2. HLTH 2020 Introduction to Public Health
3. Health Requirement
4. Natural Science Requirement
5. Social Science Requirement
6. Elective

Second Semester
1. ECON 2120 Principles of Macroeconomics
2. ENGL 1030 Accelerated Composition
3. HLTH 2030 Overview of Health Care Systems
4. Guided Requirement
5. Mathematics Requirement
6. Elective

Sophomore Year
First Semester
1. ACCT 2010 Financial Accounting Concepts
2. CRD (APEC, HLTH) 3610 Introduction to Health Care Economics
3. HLTH 2980 Human Health and Disease
4. Health Requirement
5. Statistics Requirement

Second Semester
1. COMM 1500 Intro. to Human Comm. or
2. COMM 2500 Public Speaking
3. HLTH 2400 Determinants of Health Behavior
4. MGT 2010 Principles of Management
5. Guided Requirement
6. Social Science Requirement

Junior Year
First Semester
1. HLTH 3800 Epidemiology
2. LAW 3220 Legal Environment of Business
3. HLTH 3030 Public Health Communication
4. Elective

Second Semester
1. HLTH 4200 Health Science Internship
2. HLTH 3800 Epidemiology
3. HLTH 3400 Health Promotion Program Planning
4. Elective

Senior Year
First Semester
1. FIN 3060 Corporation Finance
2. HLTH 4200 Health Science Internship
3. HLTH 4400 Managing Health Service Org.
4. HLTH 4600 Health Information Systems

15-16

120–122 Total Semester Hours

CARDIOVASCULAR IMAGING LEADERSHIP CONCENTRATION
Freshman Year
First Semester
1. BIOL 1030 General Biology I and
2. BIOL 1050 General Biology Lab. I or
3. BIOL 1100 Principles of Biology I
4. BIOL 1100 Principles of Biology I
5. CH 1010 General Chemistry
6. HLTH 2020 Introduction to Public Health
7. Social Science Requirement

Second Semester
1. BIOL 1040 General Biology II and
2. BIOL 1060 General Biology Lab. II or
3. BIOL 1110 Principles of Biology II
4. CH 1020 General Chemistry
5. ENGL 1030 Accelerated Composition
6. HLTH 2030 Overview of Health Care Systems
7. Mathematics Requirement

Sophomore Year
First Semester
1. BIOL 2220 Human Anatomy and Phys. I
2. CVT 2250 Ultrasound Physics
3. HLTH 2980 Human Health and Disease
4. PHYS 2070 General Physics I
5. HLTH 2030 Overview of Health Care Systems
6. Elective

Second Semester
1. HLTH 4190 Health Science Internship
2. HLTH 3980 Health Appraisal Skills
3. COMM 1500 Intro. to Human Comm. or
4. COMM 2500 Public Speaking
5. CVT 2260 Intro. to Cardiovascular Sonography
6. HEHD 4000 Intro. to Leadership Theories and Concepts
7. HLTH 2400 Determinants of Health Behavior

15-16

120–122 Total Semester Hours

1Any HLTH course not otherwise required
2Internship may be done fall, spring, or summer after completing HLTH 4190. A grade-point average of 2.0 is required for registration.
3A minimum grade-point average of 2.0 is required for registration in each HLTH course.
4Students who wish to pursue preprofessional options should take CH 1010 and 1020.
### Freshman Year
**First Semester**
- BIOL 1030 General Biology I and
- BIOL 1050 General Biology Lab. I or
- BIOL 1110 Principles of Biology I
- CH 1010 General Chemistry
- HLTH 2020 Introduction to Public Health
- Social Science Requirement¹

**Second Semester**
- BIOL 1040 General Biology II and
- BIOL 1060 General Biology Lab. II or
- BIOL 1110 Principles of Biology II
- CH 1020 General Chemistry
- ENGL 1030 Accelerated Composition
- HLTH 2030 Overview of Health Care Systems
- Mathematics Requirement²

### Sophomore Year
**First Semester**
- BIOI 2220 Human Anatomy and Phys. I
- HLTH 2980 Human Health and Disease
- Guided Requirement¹
- Health Requirement⁴
- Statistics Requirement⁵

**Second Semester**
- BIOI 2330 Human Anatomy and Phys. II
- COMM 1500 Intro. to Human Comm. or
- COMM 2500 Public Speaking
- HLTH 2400 Determinants of Health Behavior
- Social Science Requirement¹
- Elective⁶

**Junior Year**
**First Semester**
- HLTH 3800 Epidemiology
- PHYS 2070 General Physics I
- PHYS 2090 General Physics I Lab.
- Guided Requirement¹
- Health Requirement⁴
- Elective⁶

**Second Semester**
- HLTH 4190 Health Science Internship
- Social Science Requirement¹
- Arts and Humanities (Non-Lit.) Requirement¹

**Senior Year**
**First Semester**
- HLTH 4200 Health Science Internship²
- Arts and Humanities (Literature) Requirement¹
- PHYS 2080 General Physics II
- PHYS 2100 General Physics II Lab.
- Elective⁶

**Second Semester**
- HLTH 4190 Health Science Internship³
- Arts and Humanities (Non-Lit.) Requirement¹
- PHYS 2090 General Physics I Lab.
- Elective⁶

### Junior Year
**First Semester**
- HLTH 2980 Human Health and Disease
- Guided Requirement³
- Arts and Humanities (Non-Lit.) Requirement¹

**Second Semester**
- HLTH 3800 Epidemiology
- PHYS 2070 General Physics I
- PHYS 2090 General Physics I Lab.
- Guided Requirement¹
- Health Requirement⁴
- Elective⁶

**Senior Year**
**First Semester**
- HLTH 4190 Health Science Internship³
- Arts and Humanities (Non-Lit.) Requirement¹
- PHYS 2080 General Physics II
- PHYS 2100 General Physics II Lab.
- Elective⁶

**Second Semester**
- HLTH 4190 Health Science Internship³
- Arts and Humanities (Non-Lit.) Requirement¹
- Elective⁶

### 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 68 for the curriculum.

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

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

To comply with clinical agency contract requirements and South Carolina law, students enrolled in nursing courses with a clinical laboratory must meet specific requirements listed in the School of Nursing Student Handbook at www.clemson.edu/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 Examination (SAT). Those seeking admission are advised to apply to the University early in the fall of the senior year in high school.

Transfer admission is competitive. 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 average of 3.0 and completion of 30 semester hours of transferable courses. Placement in the Nursing curriculum will be determined after credit evaluation is completed.

Students may change majors into Nursing based on approval of an Admissions Committee in the School of Nursing. Applications are accepted each year during January with a deadline of January 31.
Decisions are made by February 28. Change-of-major students will have a start date of the following January into upper division (junior-level) nursing courses. Applicants should meet the following requirements prior to the semester of application: a minimum cumulative grade-point average 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 average 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 Semester
3 - BIOL 1030 General Biology I  
1 - BIOL 1050 General Biology Lab. I  
3 - COMM 1500 Intro. to Human Comm. or  
3 - COMM 2500 Public Speaking  
2 - NURS 1020 Nursing Success Skills  
3 - NURS 1400 Computer Appl. in Health Care  
3 - SOC 2010 Introduction to Sociology  
15

Second Semester
4 - CH 1010 General Chemistry I  
3 - ENGL 1030 Accelerated Composition  
3 - MTHS 2030 Elementary Statistical Inference  
3 - PSYC 2010 Introduction to Psychology  
3 - Arts and Humanities (Non-Lit.) Requirement  
16

Sophomore Year
First Semester
4 - BIOL 2220 Human Anatomy and Phys. I  
4 - MICRO 2050 Introductory Microbiology  
3 - NUTR 2050 Nutrition for Nursing Professionals  
3 - Arts and Humanities (Literature) Requirement  
1 - Elective  
15

Second Semester
4 - BIOL 2230 Human Anatomy and Phys. II  
3 - NURS 3200 Professionalism in Nursing  
3 - NURS (HCG) 3330 Health Care Genetics  
3 - Cross-Cultural Awareness Requirement  
2 - Elective  
15

Junior Year
First Semester
3 - ENGL 3040 Business Writing or  
3 - ENGL 3140 Technical Writing or  
3 - ENGL 3150 Scientific Writing and Comm.  
3 - NURS 3040 Pathophysiology for Health Care Professionals  
3 - NURS 3100 Health Assessment  
4 - NURS 3120 Medical-Surgical I: Foundations of Nursing  
3 - NURS 3400 Pharmacotherapeutic Nursing Interventions  
16

Second Semester
7 - NURS 3030 Medical-Surg. II: Nursing of Adults  
3 - NURS 3050 Psychosocial Nursing  
2 - NURS 3110 Health Promo. Across the Lifespan  
2 - NURS 3230 Gerontology Nursing  
3 - NURS 3300 Research in Nursing  
15 or 17

Senior Year
First Semester
5 - NURS 4010 Mental Health Nursing  
5 - NURS 4110 Nursing Care of Children  
5 - NURS 4120 Nursing Care of Women and Their Families  
15

Second Semester
5 - NURS 4030 Medical-Surgical III: Complex Nursing of Adults  
6 - NURS 4100 Leadership Management and Nursing Care Practice/  
5 - NURS 4140 Community Health Nursing and Health Promotion  
4 - NURS 4150 Community Health Nursing  
15-16

123 or 125 Total Semester Hours

Notes:
1. A minimum grade of a C is required in the following courses for progression to the junior-year clinical courses: BIOL 1030/1050, BIOL 2220, 2230, CH 1010, MICRO 2050, MTHS 1010, 2030, NUTR 2050.
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 average 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 average 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 average.
5. Students may repeat only one nursing course. Further, students may repeat that nursing course one time only. Students who are unsuccessful on the second attempt in a nursing course 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 B.S. 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 2010 Introduction to Sociology  
3 - Computer Skills Requirement  
3 - Mathematics Requirement  
4 - Science Requirement  
3 - Elective  
16

Second Semester
3 - ENGL 1030 Accelerated Composition  
3 - PSYC 2010 Introduction to Psychology  
3 - Approved Requirement  
3 - Arts and Humanities (Non-Lit.) Requirement  
4 - Science Requirement  
16

Sophomore Year
First Semester
4 - BIOL 2220 Human Anatomy and Phys. I  
4 - MICRO 2050 Introductory Microbiology  
3 - Arts and Humanities (Literature) Requirement  
4 - Elective  
15

Second Semester
4 - BIOL 2230 Human Anatomy and Phys. II  
3 - Nutrition Requirement  
3 - Oral Communication Requirement  
5 - Elective  
15

Junior Year
First Semester
3 - NURS 3040 Pathophysiology for Health Care Professionals  
4 - NURS 3120 Medical-Surgical I: Therapeutic Nursing Interventions  
5 - NURS 4110 Nursing Care of Children  
3 - Departmental Requirement  
15

Second Semester
7 - NURS 3030 Medical-Surg. II: Nursing of Adults  
2 - NURS 3190 Health Assessment for RNs  
3 - NURS 3300 Research in Nursing  
3 - NURS 4060 Issues in Professionalism  
15

Senior Year
First Semester
4 - NURS 3070 Family Nursing in the Community  
3 - NURS (HCG) 3330 Health Care Genetics  
5 - NURS 4030 Medical-Surgical III: Complex Nursing of Adults  
5 - NURS 4120 Nurs. Care of Women and Families  
17

Second Semester
5 - NURS 4010 Mental Health Nursing  
3 - NURS 4050 Leadership and Mgt. in Nursing  
4 - NURS 4250 Community Nursing  
3 - Scientific/Technical Writing Requirement  
15
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 events, campus recreation, and fitness and wellness programming.

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

COMMUNITY RECREATION, SPORT AND CAMP MANAGEMENT CONCENTRATION

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

Freshman Year

First Semester
1. CU 1010 University Success Skills1
2. Mathematics Requirement2
3. Natural Science Requirement2
6. Social Sciences Requirement6
15

Second Semester
1. ENGL 1030 Accelerated Composition
2. PRTM 2000 Profession and Practice in PRTM
3. Arts and Humanities (Non-Lit.) Requirement2
4. Mathematics or Natural Science Requirement2
3. Oral Communication Requirement2
15

Sophomore Year

First Semester
1. PRTM 1980 Creative Inquiry—PRTM I
2. PRTM 2260 Found. of Mgt., Administration and Programming in Leisure Services
5. PRTM 2270 Provision of Leisure Service Exp.
3. PRTM 2290 Distributed Competency Integration in PRTM
15

Second Semester
1. PRTM 1980 Creative Inquiry—PRTM II
3. Arts and Humanities (Literature) Requirement2
9. Concentration Requirement3
1. Elective
15

Summer
1. PRTM 2060 Practicum I
1. PRTM 2070 Practicum II
2

Junior Year

First Semester
2. PRTM 3980 Creative Inquiry—PRTM III
1. PRTM 4040 Field Training I
12. Concentration Requirement3
15

Second Semester
1. PRTM 4980 Creative Inquiry—PRTM IV
12. Concentration Requirement3
2. Elective
15

Summer
6. PRTM 4050 Field Training II

Senior Year

First Semester
12. Concentration Requirement3

Second Semester
6. Concentration Requirement3
6. Elective
12

122 Total Semester Hours

See advisor for new General Education Requirement to replace CU 1010.

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.

PARKS AND 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. CU 1010 University Success Skills1
6. Social Science Requirement2
3. Mathematics Requirement2
4. Natural Science Requirement2
15

Second Semester
3. ENGL 1030 Accelerated Composition
1. PRTM 2000 Profession and Practice in PRTM
2. PRTM 2200 Conceptual Foundations of PRTM
3. Arts and Humanities (Non-Lit.) Requirement2
3. Mathematics or Natural Science Requirement2
3. Oral Communication Requirement2
15

Notes:
1See advisor.
2MTHS 2030 or other course approved by department.
3See General Education Requirements. Three of these credit hours must also satisfy the Cross-Cultural Awareness Requirement.
4This course is exempt if the student achieves a B or better in NURS 4060.
5ENGL 3040, 3140, or 3150
6This course is exempt if the student achieves a B or better in NURS 4060.
1See advisor for new General Education Requirement to replace CU 1010.

See advisor for new General Education Requirement to replace CU 1010.

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.
Sophomore Year
First Semester
1 - PRTM 1980 Creative Inquiry—PRTM I
6 - PRTM 2260 Foundations of Management, Admin. and Programming in Leisure Skills
5 - PRTM 2270 Provision of Leisure Service Exp.
3 - PRTM 2290 Competency Integration in PRTM
15
Second Semester
2 - PRTM 2980 Creative Inquiry—PRTM II
1 - PRTM 2070 Practicum II
2 - Elective
15
Summer
1 - PRTM 2060 Practicum I
1 - PRTM 2070 Practicum II
2 - Elective
15
Junior Year
First Semester
2 - PRTM 3980 Creative Inquiry—PRTM III
1 - PRTM 4040 Field Training I
12 - Concentration Requirement
15
Second Semester
1 - PRTM 4980 Creative Inquiry—PRTM IV
12 - Concentration Requirement
2
1 - Elective
15
Summer
6 - PRTM 4050 Field Training II
Senior Year
First Semester
12 - Concentration Requirement
12
Second Semester
6 - Concentration Requirement
6 - Elective
12
122 Total Semester Hours
1See advisor for new General Education Requirement to replace CU 1010.
2See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society requirements. See advisor.
3See 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. See advisor for new/aditional General Education Requirements.

Freshman Year
First Semester
3 - PRTM 2810 Introduction to Golf Management
6 - Social Science Requirement
3 - Mathematics Requirement
4 - Natural Science Requirement
16
Second Semester
3 - ENGL 1030 Accelerated Composition
1 - PRTM 1950 PGM Seminar I
1 - PRTM 2000 Profession and Practice in PRTM
2 - PRTM 2200 Conceptual Foundations of PRTM
3 - Arts and Humanities (Non-Lit.) Requirement
3 - Mathematics or Natural Science Requirement
3 - Oral Communication Requirement
16
Summer
0 - COOP 2010 Cooperative Education
1 - PRTM 2060 Practicum I
1
Sophomore Year
First Semester
1 - PRTM 1980 Creative Inquiry—PRTM I
6 - PRTM 2260 Foundations of Management and Administration in PRTM
5 - PRTM 2270 Provision of Leisure Service Exp.
3 - PRTM 2290 Distributed Competency Integration in PRTM
1 - PRTM 295 PGM Seminar II
16
Second Semester
3 - Arts and Humanities (Literature) Requirement
9 - Concentration Requirement
4 - Elective
16
Summer
0 - COOP 2020 Cooperative Education
0
Junior Year
First Semester
0 - COOP 2030 Cooperative Education
1 - PRTM 2070 Practicum II
Second Semester
12 - Concentration Requirement
3 - Elective
15
Senior Year
First Semester
1 - PRTM 3950 PGM Seminar III
1 - PRTM 4040 Field Training I
15 - Concentration Requirement
17
Second Semester
0 - COOP 2040 Cooperative Education
0
Summer
0 - COOP 2050 Cooperative Education
6 - PRTM 4050 Field Training II
6
Fifth Year
First Semester
1 - PRTM 4950 PGM Seminar IV
15 - Concentration Requirement
16
120 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.
3See advisor.

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

Freshman Year
First Semester
2 - CU 1010 University Success Skills
3 - Mathematics Requirement
4 - Natural Science Requirement
6 - Social Science Requirement
15
Second Semester
3 - ENGL 1030 Accelerated Composition
1 - PRTM 1950 PGM Seminar I
1 - PRTM 2000 Profession and Practice in PRTM
2 - PRTM 2200 Conceptual Foundations of PRTM
3 - Arts and Humanities (Non-Lit.) Requirement
3 - Mathematics or Natural Science Requirement
3 - Oral Communication Requirement
16
Summer
0 - COOP 2020 Cooperative Education
0
Junior Year
First Semester
0 - COOP 2030 Cooperative Education
1 - PRTM 2070 Practicum II
Second Semester
12 - Concentration Requirement
3 - Elective
15
Senior Year
First Semester
1 - PRTM 1980 Creative Inquiry—PRTM I
6 - PRTM 2260 Foundations of Management and Administration in PRTM
5 - PRTM 2270 Provision of Leisure Service Exp.
3 - PRTM 2290 Distributed Competency Integration in PRTM
Second Semester
2 - PRTM 2980 Creative Inquiry–PRTM II
3 - Arts and Humanities (Literature) Requirement
9 - Concentration Requirement
1 - Elective
15

Summer
1 - PRTM 2060 Practicum I
1 - PRTM 2070 Practicum II
2

Junior Year
First Semester
2 - PRTM 3980 Creative Inquiry–PRTM III
1 - PRTM 4040 Field Training I
12 - Concentration Requirement
15

Second Semester
1 - PRTM 4980 Creative Inquiry–PRTM IV
12 - Concentration Requirement
2 - Elective
15

Summer
6 - PRTM 4050 Field Training II

Senior Year
First Semester
12 - Concentration Requirement
15

Second Semester
6 - Concentration Requirement
6 - Electives
12

122 Total Semester Hours

1See advisor for new General Education Requirement to replace CU 1010.
2See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society requirements. See advisor.
3See advisor.

TRAVEL AND TOURISM CONCENTRATION

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

Freshman Year
First Semester
2 - CU 1010 University Success Skills
3 - Mathematics Requirement
2 - PRTM 2200 Conceptual Foundations of PRTM
3 - Arts and Humanities (Non-Lit.) Requirement
3 - Mathematics or Natural Science Requirement
1 - Oral Communication Requirement
15

Second Semester
3 - ENGL 1030 Accelerated Composition
1 - PRTM 2000 Profession and Practice in PRTM
2 - PRTM 2200 Conceptual Foundations of PRTM
3 - Arts and Humanities (Non-Lit.) Requirement
3 - Mathematics or Natural Science Requirement
1 - Oral Communication Requirement
15

Sophomore Year
First Semester
1 - PRTM 1980 Creative Inquiry–PRTM I
6 - PRTM 2260 Foundations of Management and Administration in PRTM
5 - PRTM 2270 Provision of Leisure Service Exp.
3 - PRTM 2290 Distributed Competency Integration in PRTM
15

Second Semester
2 - PRTM 2980 Creative Inquiry–PRTM II
3 - Arts and Humanities (Literature) Requirement
9 - Concentration Requirement
1 - Elective
15

Summer
1 - PRTM 2060 Practicum I
1 - PRTM 2070 Practicum II
2

Junior Year
First Semester
2 - PRTM 3980 Creative Inquiry–PRTM III
1 - PRTM 4040 Field Training I
12 - Concentration Requirement
15

Second Semester
1 - PRTM 4980 Creative Inquiry–PRTM IV
12 - Concentration Requirement
2 - Elective
15

Summer
6 - PRTM 4050 Field Training II

Senior Year
First Semester
12 - Concentration Requirement

12

122 Total Semester Hours

1See advisor for new General Education Requirement to replace CU 1010.
2See General Education Requirements. Six of these credit hours must also satisfy the Cross-Cultural Awareness and Science and Technology in Society requirements. See advisor.
3See 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—not open to Marketing majors.
Biochemistry
Biological Sciences—not open to Science Teaching–Biological Sciences
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 39-42 for details.