should be submitted by the end of the junior year, but can be made at any time as long as the program requirements are fulfilled. Application is made via the GS6BS/MS form available from the Graduate School web site at http://www.clemson.edu/graduate/files/pdfs/GS6BSMS.pdf. Please note the GRE requirement for admission is eliminated for students approved via GS6BS/MS forms to pursue graduate degree programs.

Information for Departments
Departments should ensure the courses to be double counted meet the following requirements: All courses must be at least 6000-level courses. Students may not take more than 12 graduate credit hours during their undergraduate program. Students in the combined program are not eligible for graduate assistantships.

Enrollment in Professional Courses
Once admitted to the professional level, candidates must maintain a 2.75 GPA in order to continue through the coursework sequence. Please see the following pages for additional program-specific academic requirements. On occasion appeals may be reviewed by department chairs.

Directed Teaching/Teaching Internship—A candidate shall apply for student teaching with the Office of Field Experience prior to the semester in which senior level teaching methods courses are to be scheduled. Admission and maintenance at the professional level and completion of at least 95 semester hours is required for registration to student teaching.

Change of Major
Changing majors into Education is highly competitive. Change of major decisions are made on an annual basis at the end of the fall semester. Applications are due December 1 and can only be obtained after meeting with a College of Education academic advisor. To apply, candidates must have a minimum grade-point average of 2.75.

Graduation and Licensure
To graduate, a candidate must have scores for all state-mandated licensure exams on file with the College of Education’s Office of Field Experience. Candidates must pass all required Praxis II tests, including the PLE (Principles of Learning and Teaching) test, before receiving recommendation for South Carolina teaching licensure.

ATHLETIC LEADERSHIP MINOR
One minor is offered in the College of Education: Athletic Leadership. For more information on this minor and the requirements, please see the Minors, Programs and Degrees section.

ATHLETIC LEADERSHIP MINOR
Students completing a nationally recognized coaching certification through the Athletic Leadership Program at Clemson may be eligible to meet the requirements for Athletic Leadership Certification. For more information, contact the Coordinator of Athletic Leadership at 864-656-0434.

Graduate Study
The College of Education offers a comprehensive set of programs at the masters, specialist and doctoral levels in preschool to grade 12 education, educational leadership, counselor education (clinical mental health counseling and school counseling), student affairs and higher education, and human resource development. Browse the Clemson University Office of Graduate Programs or College of Education websites for more information.

AGRICULTURAL EDUCATION
Bachelor of Science
The College of Education and the College of Agriculture, Forestry and Life Sciences conduct a cooperative program to produce agricultural teachers (grades 9–12) for South Carolina. See pages 44–45 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 - MATH 1150 Contemporary Mathematics for Elementary School Teachers I
3 - History Requirement
3 - Modern Language Requirement
4 - Natural Science Requirement
15
Second Semester
3 - COMM 1500 Intro. to Human Comm. or
3 - COMM 2500 Public Speaking
3 - ENGL 1030 Composition and Rhetoric
3 - MATH 1160 Contemporary Mathematics for Elementary School Teachers II
3 - PSYC 2020 Introduction to Psychology
3 - Modern Language Requirement
3 - Elective
18

Sophomore Year
First Semester
3 - EDEC 3000 Foundations of Early Childhood Education
1 - EDEC 3010 Practicum in Early Childhood Settings
3 - MATH 2160 Geometry for Elementary School Teachers
3 - Arts and Humanities (Literature) Requirement
3 - Cross-Cultural Awareness Requirement
4 - Natural Science Requirement
17
Second Semester
3 - EDEC 2200 Family, School, and Community Relationships
3 - EDEC 3020 Practicum in Early Childhood Settings
3 - EDF 3020 Educational Psychology
3 - EDF 3340 Child Growth and Development
3 - EDF 4800 Foundations of Digital Media and Learning
3 - Arts and Humanities (Non-Lit) Requirement
16

Junior Year
First Semester
1 - EDEC 3030 Practicum in Early Childhood Settings III
3 - EDEC 3360 Concepts of Play and Social Development of Infants and Young Children
3 - EDEL 3100 Arts in the Elementary School
3 - EDSP 3700 Introduction to Special Education
3 - EDSP 3750 Early Intervention for Infants and Children with Special Needs
3 - Elective
16
Second Semester
1 - EDEC 3040 Practicum in Early Childhood Settings IV
3 - EDEC 4200 Early Childhood Science
3 - EDEC 4500 Early Childhood Curriculum and Social Studies Methods
3 - EDEL 3210 Physical Education Methods and Content for Classroom Teachers
3 - EDF 3010 Principles of American Education
3 - EDLT 4580 Early Literacy: Birth–Kindergarten
16

Senior Year
First Semester
3 - EDEC 4000 Observation and Assessment in Clinical Settings
3 - EDEC 4300 Early Childhood Mathematics
3 - EDEC 4400 Early Childhood Language Arts
3 - EDEC 4600 Critical Issues and Cultural Diversity in Early Childhood Education
3 - EDLT 4590 Teaching Reading in the Early Grades: K–3
15
Second Semester
9 - EDEC 4840 Directed Teaching in Early Childhood Education
3 - EDEC 4850 Early Childhood Capstone
12
125 Total Semester Hours

1Select from HIST 1010, 1020, 1720, 1730, or 1930
2Students must complete through 2020 in a modern language. See Modern Languages Requirement at Clemson University statement on page 27. Spanish is recommended.
3One biological science and one physical science course, each with laboratory, must be selected from General Education Requirements. See advisor.
4Must be taken the fall semester of the sophomore year.
5Must be taken the fall semester of the senior year.
6Must be taken the spring semester of the senior year.

ELEMENTARY EDUCATION
Bachelor of Arts
The Elementary Education curriculum prepares students to teach on the elementary school level (grades 2–6). Students select one of two Emphasis Areas: Literacy, Culture and Diversity; or Mathematics and Science.
LITERACY, CULTURE AND DIVERSITY EMPHASIS AREA

Freshman Year
First Semester
- 4 - BIOL 1090 Introduction to Life Science
- 2 - ED 1050 Orientation to Education
- 3 - GEOG 1030 World Regional Geography
- 3 - MATH 1150 Contemporary Mathematics for Elementary School Teachers
- 2 - Modern Language Requirement
- 15

Second Semester
- 3 - ENGL 1030 Composition and Rhetoric
- 3 - HIST 1010 History of the United States
- 3 - MATH 1160 Contemporary Mathematics for Elementary School Teachers II
- 4 - PHSC 1170 Intro. to Chemistry and Earth Science for Elementary Education Majors
- 2 - Modern Language Requirement
- 16

Sophomore Year
First Semester
- 3 - COMM 1500 Intro. to Human Comm. or
- 3 - COMM 2500 Public Speaking
- 3 - EDF 3340 Child Growth and Development
- 3 - MATH 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) Requirement
- 18

Second Semester
- 3 - EDEL 3100 Arts in the Elementary School
- 3 - EDF 3010 Principles of American Education
- 3 - EDF 3020 Educational Psychology
- 3 - EDF 3010 Principles of American Education
- 3 - EDF 3020 Educational Psychology
- 3 - Elective
- 18

Junior Year
First Semester
- 3 - EDEL 3210 Physical Education Methods and Content for Classroom Teachers
- 3 - EDF 3080 Classroom Assessment
- 3 - EDF 4870 Elementary Methods in Social Studies Teaching
- 3 - EDLT 4610 Content Area Reading: Grades 2–6
- 15

Second Semester
- 3 - EDEL 4820 Capstone Sem. in Elem. Teaching
- 9 - EDEL 4830 Directed Teaching in the Elementary School
- 12

122 Total Semester Hours

Senior Year
(Courses must be taken as listed in both semesters.)
First Semester
- 3 - EDEL 4010 Elementary Field Experience
- 3 - EDEL 4510 Elem. Methods in Science Teaching
- 3 - EDELT 4630 Teaching Reading in the Elementary Grades: 2–6
- 3 - MATH 3160 Problem Solving for Math. Teachers
- 15

Second Semester
- 3 - EDEL 4520 Elem. Methods in Math. Teaching
- 3 - EDELT 4670 Teaching Reading in the Elementary Grades: 2–6
- 3 - MATH 3150 Adv. Top. in Math. for Elem. Teachers
- 3 - Science Content Requirement
- 15

Senior Year
(Courses must be taken as listed in both semesters.)
First Semester
- 3 - EDEL 3210 Physical Education Methods and Content for Classroom Teachers
- 3 - EDF 3080 Classroom Assessment
- 3 - EDF 4870 Elementary Methods in Social Studies Teaching
- 3 - EDELT 4630 Teaching Reading in the Elementary Grades: 2–6
- 3 - MATH 3160 Problem Solving for Math. Teachers
- 15

Second Semester
- 3 - EDEL 4520 Elem. Methods in Math. Teaching
- 3 - EDELT 4670 Teaching Reading in the Elementary Grades: 2–6
- 3 - MATH 3150 Adv. Top. in Math. for Elem. Teachers
- 3 - Science Content Requirement
- 15

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 - MATH 1150 Contemporary Mathematics for Elementary School Teachers
- 3 - Modern Language Requirement
- 15

Second Semester
- 3 - ENGL 1030 Composition and Rhetoric
- 3 - HIST 1010 History of the United States
- 3 - MATH 1160 Contemporary Mathematics for Elementary School Teachers II
- 3 - Modern Language Requirement
- 15

Sophomore Year
First Semester
- 3 - COMM 1500 Intro. to Human Comm. or
- 3 - COMM 2500 Public Speaking
- 3 - EDF 3340 Child Growth and Development
- 3 - MATH 2160 Geometry for Elementary School Teachers
- 4 - PHSC 1170 Intro. to Chemistry and Earth Science for Elementary Education Majors
- 3 - Arts and Humanities (Literature) Requirement
- 18

Second Semester
- 3 - EDEL 4820 Capstone Sem. in Elem. Teaching
- 12

122 Total Semester Hours

Senior Year
BACHELOR OF SCIENCE
(Matriculation into the College of Education is required of students declaring a major in Mathematics Teaching.)

FIRST SEMESTER
- 3 - CH 1050 Chemistry in Context I or
- 3 - CH 1060 Chemistry in Context II
- 2 - ED 1050 Orientation to Education
- 4 - MATH 1060 Calculus of One Variable I
- 3 - PHIL 1020 Introduction to Logic
- 3 - Cross-Cultural Awareness Requirement
- 16