SECONDARY EDUCATION (MATHEMATICS), BACHELOR OF SCIENCE IN EDUCATION

The program in secondary education prepares students to teach in grades 9-12 and does so through a core of general liberal arts course work, professional education course work, including field-based clinical experiences, a student teaching experience, and intensive course work in a specific area of subject specialization. The secondary education curriculum may lead to either a Bachelor of Arts or Bachelor of Science degree, depending upon the chosen area of subject specialization. Areas of subject specialization in secondary education at USC Upstate include biology, chemistry, English, social studies/history, mathematics and Spanish.

Code	Title	Hours
General Education Courses		
I. Communication		
English:		
ENGL U101	Composition I	3
ENGL U102	Composition II	3
Speech:		
SPCH U201	Foundations in Oral Communication	3
II. Mathematics, Logic & Natural Sciences		
Mathematics:		
MATH U127	Precalculus II	3
MATH U174	Elements of Discrete Mathematics	3
Natural Science (w/ lab):		
Select one of the following:		4
ASTR U111 & U111L	Descriptive Astronomy and Descriptive Astronomy Laboratory	
BIOL U101 & U101L	Introductory Biology I and Introductory Biology I Lab	
BIOL U102 & U102L	Introductory Biology II and Introductory Biology II Lab	
BIOL U110 & U110L	General Biology and General Biology Lab	
BIOL U220 & U220L	Botany and Society and Botany and Society Laboratory	
BIOL U244 & U244L	Human Anatomy and Physiology II and Human Anatomy and Physiology II Lab	
CHEM U106 & U106L	Chemistry and Society and Chemistry and Society Lab.	
CHEM U109 & U109L	Chemistry of Living Things and Chemistry of Living Things Lab.	
CHEM U111 & U111L	General Chemistry and General Chemistry Lab	
CHEM U112 & U112L	General Chemistry and Qualitative Analysis and General Chemistry and Qualitative Analysis Lab.	
GEOL U101 & U101L	Physical Geology and Physical Geology Lab	
GEOL U102 & U102L	Historical Geology and Historical Geology Lab	
GEOL U103 & U103L	Environmental Geology and Environmental Geology Lab	
PHYS U101 & U101L	Introduction to Physical Science and Introduction to Physical Science Laboratory	
PHYS U201 & U201L	General Physics I and General Physics I Lab	
PHYS U202 & U202L	General Physics II and General Physics II Lab	
Math, Logic, and/or Natural Sciences:		
Select one of the following:		3
BIOL U143	Foundations of Human Physiology.	
BIOL U206	Genetics and Society	
BIOL U240	Human Biology and Society	
BIOL U260	Emerging Infectious Diseases	
BIOL U270	Environmental Science	
GEOL U104	Natural Disasters	
GEOL U120	Geology of the Southeast	
III. Information Technology		
Information Technology:		
Select one of the following:		3
CSCI U138	Introduction to Computer Technology	
CSCI U150	Introduction to Computer Science	
DGST U101	Intro to Digital Studies	
INFO U101	Survey of Information Technology	
INFO U102	Introduction to Digital Safety	
MUSC U162	Intro to Music Technology	
IV. Fine Arts, Humanities & History		
Fine Arts:		
Select one of the following:		3
ARTH U101	Introduction to Art	
ARTH U105	History of Western Art: Prehistory - Middle Ages	
ARTH U106	History of Western Art: Renaissance - Modern	
MUSC U110	Introduction to Music	
MUSC U140	History of American Popular Music	
THEA U161	Introduction to Theatre Art	
THEA U170	Fundamentals in Acting	
History:		
Select one of the following:		3
HIST U101	Introduction to World History I	
HIST U102	Introduction to World History II	
HIST U105	History of the United States to 1877	
HIST U106	History of the United States from 1865	
Fine Arts, Humanities, and/or History:		
Select one of the following:		3
AFAM U204	African American Culture	
AMST U101	American Studies, 17th - 19th Century	
AMST U102	American Studies, 20th Century	
ENGL U252	Understanding English Grammar	
ENGL U275	Masterpieces of World Literature	
ENGL U289	Survey of British Literature I	
ENGL U291	African American Literature	
PHIL U102	Introduction to Philosophy	
PHIL U111	Political Philosophy	

PHIL U211	Contemporary Moral Issues	
RELG U103	Comparative Religion	
SOST U201	Introduction to Southern Studies	
V. Foreign Language & Culture		
Foreign Language:		
Select one of the following: [1]		3
ASLG U101	American Sign Language I	
ASLG U102	American Sign Language II	
FREN U101	Introductory French I	
FREN U102	Introductory French II	
GERM U101	Introductory German I	
SPAN U101	Introductory Spanish I	
SPAN U201	Intermediate Spanish	
VI. Social & Behavioral Sciences		
Social & Behavioral Science:		
Select two of the following:		6
AFAM U201	Introduction to African American Studies	
ANTH U102	Understanding Other Cultures	
CRJU U101	Introduction to Criminal Justice	
ECON U221	Principles of Macroeconomics	
ECON U222	Principles of Microeconomics	
GEOG U103	Introduction to Geography	
POLI U101	American National Government	
PSYC U101	Introduction to Psychology	
SOCY U101	Introduction to Sociology	
WGST U101	Introduction to Women's & Gender Studies	
VII. General Education Electives		
Select any approved general education course or courses (https://academic-catalog.uscupstate.edu/academic-programs/general-education-courses/)		0
Professional Education		
EDFO U200	Teacher Education Colloquium	0
EDFO U210	Foundations of Education	3
EDFO U341	Introduction to Exceptional Learners/ Special Education	3
EDRE U315	Foundations of Reading	3
EDSC U333	Middle Level/Secondary Education Adolescent Development	3
EDSC U344	Managing the Middle Level/Secondary Classroom Environment	3
EDSC U440	Field Experience I in Middle Level/Secondary Education	2
EDSC U442	Secondary School Curriculum and Methodology	3
EDSC U443	Middle Level/Secondary Educational Assessment	2
EDRE U418	Literacy in the Middle and Secondary School	3
EDSC U446	Teaching Middle and Secondary Mathematics	3
EDSC U450	Field Experience II in Middle Level/Secondary Education	2
EDSC U478	Student Teaching in Secondary Mathematics	12
EDSC U485	Middle/Secondary Education: Senior Seminar	3
Content Concentration		
MATH U141	Calculus I	4
MATH U142	Calculus II	4
MATH U241	Calculus III	4
MATH U315	Statistical Methods I	3
MATH U340	Mathematical Structures and Proof	3
MATH U531	Foundations of Geometry	3
MATH U344	Linear Algebra I	3
MATH U346	Modern Algebra I	3
MATH U501	History of Mathematics	3
MATH U599	Seminar in Mathematics	3
Elective		
Select three credits		3
Total Hours		**124**

[1] The minimum acceptable level of competency is completion of the 101 level of a language. Students who place into the 102 or higher level of a language satisfy the language requirement but will have additional hours in general education electives, if hours are required by their degree program.

Final responsibility for satisfying degree requirements as outlined in the USC Upstate Academic Catalog rests with the student.

Admission to the Professional Program

Students must apply to the College of Education, Human Performance, and Health for admission to the Professional Program, which is completed during the junior and senior years. The Professional Program application form (https://universityofsouthcarolina-yrckc.formstack.com/forms/professional_program_application/) may be obtained online from the College of Education, Human Performance, and Health webpage and must be filed in that office in accordance with posted deadlines.

Admission of applicants is based on individual consideration and Professional Program requirements. Each applicant must fulfill the following requirements:

- completion of ENGL U101 Composition I and ENGL U102 Composition II and SPCH U201 Foundations in Oral Communication or their equivalent with grades C or better;
- successful completion of EDFO U200 Teacher Education Colloquium;
- completion of EDFO U210 Foundations of Education with a grade of C or better;
- overall GPA of at least 2.75 on at least 60 hours earned;
- the achievement of passing scores on the PRAXIS CORE or a South Carolina State Board of Education approved score on the SAT or ACT examination;
- completed the Professional Program application in full;
- Standards for Professional Conduct & Dispositions form signed;
- two satisfactory recommendations with one written by a College of Education, Human Performance, and Health faculty member and the other one written by a general faculty member;
- submitted personal affirmation of non-criminal background;
- provided a "cleared" TB test (within 12 months of application);
- provided a current SLED check; and
- provided a current National Sex Offender Registry check indicating "No records found."

Applicants pursuing a major in Secondary Education must also fulfill the following requirements:

- completion of EDSC U333 Middle Level/Secondary Education Adolescent Development and EDFO U341 Introduction to Exceptional Learners/ Special Education with grades C or better.

Action is taken on a student's application for admission to the Professional Program as soon as completed application is submitted and the academic records are verified. Students who are accepted enter the Professional Program. Students whose applications are denied are advised of their alternatives.

Students who plan to meet the requirements for a teaching certificate in Secondary Education while enrolled in another academic unit of the University should consult with the chair of the appropriate department. The student will be assigned an advisor in the appropriate department to guide them through the professional sequence of courses. Such consultation should be held as early as possible in the student's undergraduate career to ensure adequate familiarity with teacher education requirements. Students enrolled in another academic unit of the University should take particular care to inquire about the College of Education, Human Performance, and Health and state certification requirements.

Education courses at the 400-level and above may be taken only after admission to the professional program. Students who complete the Professional Program, pass the appropriate Praxis content exam and Praxis Principles of Learning and Teaching (PLT) exam, complete observations using the Assistance, Development, and Evaluation of Professional Teaching (ADEPT) instrument, and receive FBI fingerprint clearance fulfill initial certification requirements of the South Carolina State Board of Education.

Second Baccalaureate Work Toward Teacher of Education Certification

Students who have earned a baccalaureate degree from USC Upstate or any other accredited institution of higher education are advised to pursue their teacher certification through the pursuit of a second baccalaureate degree in the College of Education, Human Performance, and Health. Information regarding the second baccalaureate degree can be found in the Academic Regulations section of this catalog. Students pursuing a second baccalaureate degree toward certification must meet all the requirements for admission to the professional program and all requirements for their chosen program of study.

Admission to Directed Teaching

Students who wish to enroll in directed teaching (student teaching) must apply a year in advance of the intended semester. The following are requirements for all students admitted to directed teaching:

- prior admission to the professional program;
- completion of all content concentration course work with a grade of C or better in each course completed (exceptions approved by the Dean with faculty advisor's recommendation);
- grade of C or better in support courses completed;
- completion of all coursework prior to the directed student teaching semester;
- 2.5 overall GPA;
- completion of all education methods courses with a grade of C or better in each; and
- successful presentation of portfolio;

- submission of a clear TB test, NSOR check and FBI fingerprint card/ clearance prior to student teaching;
- completion of a South Carolina Department of Education application for teacher certification.

In addition to these general requirements, there are specific course prerequisites for each major field. No education course may serve as a prerequisite for a subsequent education course until it has been completed with a grade of C or better. These prerequisites may be changed from time to time at the unit's discretion. Students are responsible for enrolling in the appropriate corequisite coursework with directed teaching. It is the responsibility of students to secure from the school office an updated list of prerequisites for directed teaching in their major and to arrange their courses of study with their education advisor so as to meet those prerequisites.

Transfer Admission

Transfer students with fewer than 60 semester hours of credit may take courses in the College of Education, Human Performance, and Health if they meet all university admission requirements. Transfer students who have earned 60 hours or more must meet the admission criteria for the professional program at the time of their initial application for admission to the College of Education, Human Performance, and Health as a major. Only 64 semester hours of credit may be accepted for transfer from a two-year institution and applied toward the professional degree.

Undergraduate Transfer Credit

Education majors from other colleges and universities wishing to transfer courses into any of the education programs must have all transcripts evaluated by the College of Education, Human Performance, and Health. The dean or associate dean, following the USC Upstate College of Education, Human Performance, and Health Policy Manual guidelines, determines the courses accepted to fulfill requirements of any undergraduate education program. Any **professional education courses** considered for transfer must have been completed within seven years of matriculating at USC Upstate. Professional education courses more than seven years old will not be accepted for transfer.

Continuation Standards

After being admitted to the professional program, candidates must maintain at least a 2.5 GPA for retention in the program; this is in excess of the minimum GPA required by the University for continuing enrollment. Students who do not maintain a 2.5 GPA cannot enroll in any education courses above the 400-level.

Academic Requirements

No education course may serve as a prerequisite for a subsequent education course until it has been successfully completed with a grade of C or better. A minimum grade of C is required for any course submitted for fulfillment of professional education, major concentration and support course requirements. Students who fail to achieve a minimum grade of C in any professional education course will be dismissed from the program. Students may reapply to the program by submitting a letter of petition for readmission to the Dean of the College of Education, Human Performance, and Health for consideration by the College of Education, Human Performance, and Health Appeals Committee. Readmitted students who subsequently receive a second grade of below C in any professional education course will be permanently dismissed from the program.

Evaluation

In addition to evaluations described in course syllabi, students' dispositions and competencies relative to national, state, and College of Education, Human Performance, and Health objectives and criteria are evaluated both in professional education courses and during directed teaching. Every applicant for admission to the professional program undergoes an appraisal by the advisor. This appraisal provides a source of evaluation on non-academic as well as academic factors relative to teaching potential. Portfolio assessment provides further evidence of each student's professional growth and development over time.