

**BACHELOR OF SCIENCE IN EDUCATION SECONDARY EDUCATION – BIOLOGY (GRADES 9-12)
WITH ADD ON GENERAL SCIENCE PROGRAM OF STUDY**

Student's Name: _____ Catalog Year: _____

Student ID: _____ Advisor: _____

General Education Requirement

I. Communication (9)	Hours	Grade	Term
ENGL U101: Composition	(3)	_____	_____
ENGL U102: Composition and Literature	(3)	_____	_____
SPCH U201/R: Public Speaking	(3)	_____	_____

II. Mathematics, Logic & Natural Science (19)			
MATH U127: Precalculus II	(3)	_____	_____
BIOL U101/L	(4)	_____	_____
CHEM U111/L	(4)	_____	_____
PHYS U201/L	(4)	_____	_____
GEOL U101/L	(4)	_____	_____

III. Information Technology (3)			
INFO U101; DGST U101, MUSC U162, or CSCI U138	(3)	_____	_____

IV. Fine Arts, Humanities & History (6)			
ARTH U101, U105, U106; MUSC U110, U140; THEA U161, U170; or SOST U201	(3)	_____	_____
HIST 101, 102, 105, or 106	(3)	_____	_____

V. Foreign Language & Culture (3)			
ASLG U101; CHIN U101; FREN U101; GERM U101; or SPAN U101	(3)	_____	_____

VI. Social and Behavioral Sciences (3)			
Select from the following: ANTH U102; AFAMU 201; ECON U221, U222; GEOG U101, U103; POLI U101, U200; PSYC U101; SOCY U101; WGST U101	(3)	_____	_____

Professional Education

EDFO U200: Teacher Education Colloquium	(0)	_____	_____
EDFO U210: Foundations of Education	(3)	_____	_____
EDRE U315: Foundations of Reading	(3)	_____	_____
EDSC U333: ML/Sec Education Adolescent Development	(3)	_____	_____
EDFO U341: Introduction to Exceptional Learners/Special Education	(3)	_____	_____
EDSC U344: ML/Sec Managing the Classroom Environment	(3)	_____	_____
EDSC U440: Clinical I in Secondary Education	(2)	_____	_____
EDSC U442: Secondary School Curriculum and Methodology	(3)	_____	_____
EDSC U443: ML/Sec Educational Assessment	(2)	_____	_____
EDRE U418: Literacy in the Middle and Secondary School	(3)	_____	_____
EDSC U448: Teaching Science in Secondary Schools	(3)	_____	_____
EDSC U450: Clinical II in Middle Grades/Secondary Education	(2)	_____	_____
EDSC U481: Directed Teaching in Secondary School Natural Science	(12)	_____	_____
EDSC U485: ML/Sec Issues and Trends	(3)	_____	_____

Content Concentrations

BIOL U102: Biological Science II	(4)	_____	_____
BIOL U301: Introduction to Ecology & Evolutionary Biology	(4)	_____	_____
BIOL U302: Introduction to Cell & Molecular Biology (BIOL 102 & CHEM 111/L pre-req.)	(4)	_____	_____
BIOL U310: Invertebrate Zoology	(4)	_____	_____
BIOL U315: Comparative Vertebrate Anatomy	(4)	_____	_____
BIOL U320: Botany or BIOL 525 Plant Taxonomy	(4)	_____	_____
BIOL U330: Microbiology	(4)	_____	_____
BIOL U350: Genetics	(4)	_____	_____

Support Courses

PHYS U202: General Physics II	(4)	_____	_____
CHEM U112: General Chemistry and Quantitative Analysis	(4)	_____	_____

128 Total Hours

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

Secondary Education—Biology Suggested Sequences of Courses

Fall Semester		Spring Semester	
ENGL U101	3 hours	ENGL U102	3 hours
MATH U127	3 hours	BIOL U102/L	4 hours
BIOL U101/L	4 hours	CSCI, INFO, DGST, or MUSC	3 hours
ARTH, MUSC, THEA, or SOST	3 hours	CHEM U112/L	4 hours
CHEM U111/L	4 hours	HIST U101, U102, U105, or U106	3 hours
	17 hours		17 hours
Fall Semester		Spring Semester*	
SPCH U201	3 hours	BIOL U302/L	4 hours
BIOL U301/L	4 hours	EDSC U344	3 hours
EDFO U210	3 hours	EDSC U333	3 hours
PHYS U201/L	4 hours	FOREIGN LANGUAGE	3 hours
EDFO U200	0 hours	PHYS U202/L	4 hours
	14 hours		17 hours
Fall Semester		Spring Semester (Professional Program)**	
SOCIAL/BEHAVIORIAL SCIENCE	3 hours	EDSC U440	2 hours
BIOL U310/L	4 hours	EDSC U442	3 hours
BIOL U315/L	4 hours	EDSC U443	2 hours
EDRE U315	3 hours	BIOL U320/L OR 525/L	4 hours
EDFO U341	3 hours	BIOL U330	4 hours
	17 hours		15 hours
Fall Semester (Professional Program)***		Spring Semester (Professional Program)	
GEOL U101/L	4 hours	EDSC U481	12 hours
BIOL U350	4 hours	EDSC U485	3 hours
EDSC U448	3 hours		
EDSC U450	2 hours		
EDRE U418	3 hours		
	16 hours		15 hours

*Apply to the Professional Program

**Initial Portfolio Due & Apply to Directed Student Teaching

***Pre-student Teaching Portfolio Due