

The Department of Teaching and Learning
Biology Major with a Minor in Secondary Education 6-12
Freshman Year

Course Number	Course Title	Grade	Instructor	Date	Total Hours
ENGL 110	Composition I				3
ENGL 111	Composition II				3
HPER Elective	Physical Education Elective				1
MATH 121	College Algebra & Trig II				3
STAT 210	Statistics				3
CHEM 151	General Chemistry I				3
CHEM 153	General Chemistry I Laboratory				1
CHEM 152	General Chemistry II				3
CHEM 154	General Chemistry II Laboratory				1
BIOL 120	Principles of Biology I				3
BIOL 120	Biology Laboratory I				1
BIOL 121	Principles of Biology II & Laboratory				4
HIST Elective	History Elective				3
Signature Advisor in Education and Major:					32

Sophomore Year

Course Number	Course Title	Grade	Instructor	Date	Total Hours
EDUC 201	Seminar in Education				3
EDUC 202	Foundations of Education				3
EDUC 200	Technology in the Classroom				3
ENGL 202	Intro to African American Literature				3
CHEM 305	Organic Chemistry I				3
CHEM 307	Organic Chemistry I Lab				1
BIOL 201	Cell and Molecular Biology				3
BIOL 201	Cell and Molecular Biology Laboratory				1
BIOL 241	Introduction to Microbiology				3
BIOL 241	Introduction to Microbiology Laboratory				1
BIOL 205	Integrative Organismal Biology				3
BIOL205	Integrative Organismal Biology Laboratory				1
Humanities	Humanities Elective				3
Global Studies	Global Studies Elective				3
Signature Advisor in Education and Major:					34

Junior Year

Course Number	Course Title	Grade	Instructor	Date	Total Hours
*EDUC 315	Data Driven Instructional Design				3
PSYC 212	Human Growth and Development				3
*SPED 403	Classroom Management in Educational Settings (FB)				3
HPER Elective	Physical Education Elective				1
BIOL 320	Principles of Genetics & Laboratory				4
PHYS 105	Introduction to Physics I & Laboratory				4
BIO 324	Ecology I & Laboratory				4
BIOL 310	Plant Morphology & Laboratory				4
AGRI 100	Earth Science and Lab				3
Signature Advisor in Education and Major:					29

Senior Year

Course Number	Course Title	Grade	Instructor	Date	Total Hours
EDUC 424	Culturally Responsive Pedagogy	_____	_____	_____	2
BIOL Elective	Biology Restrictive Elective and Lab	_____	_____	_____	4
BIOL 447	Seminar in Biology	_____	_____	_____	1
BIOL 428	Teaching Science in Secondary Schools	_____	_____	_____	3
EDUC 427	Reading in The Subject Area	_____	_____	_____	3
BIOL 446	Investigations and Research	_____	_____	_____	3
BIOL 402	Student Teaching in Biology	_____	_____	_____	3
*EDUC 401	Student Teaching Seminar	_____	_____	_____	3
*EDUC 402	Student Teaching	_____	_____	_____	9
Signature Advisor in Education and Major:	_____	_____	_____	_____	31

Professional Studies Courses require admission into Teacher Education