

Degree Plan for Biology and Secondary Education (B.A.S.)

	Fall	Spring
First Year		
UNV101: University Seminar I (3 credits) & FYT100: First Year Transitions (1 credit)	X	
BIO111: General Biology I & Lab (4 credits)	X	
CHM113: General Chemistry I & Lab (4 credits)	X	
Core Course (3 credits)	X	X
EDC120: Introduction to Race and Inequity in American Education (3 credits) (Fall or Spring)	X	X
UNV102: University Seminar II (3 credits)		X
BIO112: General Biology II & Lab (4 credits)		X
CHM114: General Chemistry II & Lab (4 credits)		X
Second Year		
RTS225: Quest for the Ultimate (3 credits) <i>or</i> PHL225: Quest for the Good Life (3 credits) (<i>one each semester</i>)	X	X
BIO220: Cell Biology and Chemistry & Lab (4 credits) <i>or</i> BIO253: Genetics: Classical, Molecular and Population & Lab (4 credits) (<i>one each semester</i>)	X	X
SCD220: Adolescent Development and Theories of Learning (4 credits)	X	
SCD212: Teaching Literacy in the Content Area (3 credits)	X	
SCD298: Secondary Field Experience in a Multicultural Society I (1 credit)	X	
Core Course (Foreign Language I Recommended, 3 credits)	X	
SED211: Introduction to the Characteristics of Students with Exceptionalities (3 credits)		X
SCD299: Secondary Field Experience in a Multicultural Society II (1 credit)		X
Core Course (MTH Core Recommended, 3 credits)		X
Core Course (Foreign Language II Recommended, 3 credits)		X
Third Year		
SCD320: Curriculum, Instruction and Assessment in the Secondary School I (3 credits)	X	
SCD321: Practicum I for Curriculum, Instruction and Assessment in the Secondary School I (1 credits)	X	
BIO200: Botany (4 credits)	X	
BIO320: Evolution (3 credits)	X	
Core Course (Philosophy or Religion Core Recommended, 3 credits)	X	
Core Course (Social Science, Art, or History Core Recommended, 3 credits)	X	X
BIO210: Microbiology (4 credits)		X
BIO Elective above 200-level with Lab (4 credits)		X
SCD323: Curriculum Instruction and Assessment in the Secondary School II (3 credits)		X
SCD322: Practicum II for Curriculum, Instruction and Assessment in Secondary School II (1 credits)		X
Core Course (Philosophy or Religion Core Recommended, 3 credits)		X
*Content Area Exam for Praxis passed prior to end of term		

Fourth Year		
BIO310: Ecology (4 credits)	X	
BIO Elective above 200-level with Lab (4 credits)	X	
Core Course (Social Science, Art, or History Core Recommended, 3 credits)	X	
SCD440: Practicum in Secondary Education (3 credits)	X	
SCD410: Classroom Management (3 credits)	X	
SCD441: Secondary Student Teaching (12 credits)		X
SCD432: Student Teaching Seminar Capstone (1 credit)		X
BIO471: Biology Capstone (3 credits)		X