

Major Planning Worksheet
Biology: Secondary Education
Bachelor of Science
 2021-2022 Catalog

Name: _____ ID Number: _____

Planned Degree Completion Date: Mo. ____ Yr. ____

Biology Requirements			Hours
1. Biology			
/	BIOL 106/L	Principles of Biology I/Lab	3.0/1.0
/	BIOL 108/L	Principles of Biology II/Lab	3.0/1.0
/	BIOL 229/L	Intro to Molecular Biology/Lab*	3.0/1.0
	BIOL 260	Genetics	3.0
/	BIOL 331/L	Invertebrate Zoology/Lab*	3.0/1.0
	BIOL 395	Orientation to Research	1.0

Three hours selected from:

	BIOL 475	Senior Research in Biology	3.0
OR			
	BIOL 397	Directed Research in Biology	1.0
	BIOL 494	Senior Research I	1.0
	BIOL 496	Senior Research II	1.0

One course selected from each group:

a.			
/	BIOL 364/L	Comparative Vertebrate Anatomy/Lab*	3.0/1.0
/	BIOL 422/L	Vertebrate Physiology/Lab	3.0/1.0
b.			
/	BIOL 241/L	Vascular Plant Systematics/Lab	3.0/1.0
/	BIOL 243/L	Intro to Algae, Plants, & Fungi/Lab	2.0/1.0
/	BIOL 322/L	Plant Physiology/Lab	3.0/1.0
c.			
/	BIOL 315/L	Ecology/Lab*	3.0/1.0
/	BIOL 413/L	Limnology/Lab	3.0/1.0
d.			
/	BIOL 313/L	Microbiology/Lab	3.0/1.0
	BIOL 332	DNA Science	3.0
	BIOL 365	Cell Biology	3.0

2. Chemistry: Eight hours selected from:

/	CHEM 105/L	Intro to Inorganic Chemistry/Lab	3.0/1.0
/	CHEM 106/L	Intro to Organic Chemistry/Lab	3.0/1.0
OR			
/	CHEM 111/L	General Chemistry I/Lab	3.0/1.0
/	CHEM 113/L	General Chemistry II/Lab	3.0/1.0

Professional Education Requirements

	EDUC 111	Exploring Teaching and Learning	3.0
	EDUC 212	The Exceptional Learner	3.0
	EDUC 230	Educational Psychology	3.0
	EDUC 246	Educational Assessment	3.0
	EDUC 343	Literacy in the Content Areas	3.0
	EDUC 353	Classroom Management/Conflict Resolution in Secondary Schools	3.0
	EDUC 362	Literacy and English Language Learners	2.0
	EDUC 410	The Teacher in Today's Schools	2.0
	EDUC 440	General Methods for Adolescent Teachers	3.0
	EDUC 475	High School Student Teaching	7.0
	EDUC 477	Jr. High/Middle School Student Teaching	6.0

*Courses satisfy the Bachelor of Science Degree requirement

Notes: