

Major Planning Worksheet
Biology-Chemistry Education (99.5-103.5 hours)
Bachelor of Science
 2022-2023 Catalog

Name: _____ ID Number: _____

Planned Degree Completion Date: Mo. ____ Yr. ____

Required Courses			Hours
/	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 313/L	Microbiology/Lab	3.0/1.0
/	OR		
	BIOL 365	Cell Biology	3.0
/	BIOL 364/L	Comparative Vertebrate Anatomy/Lab	3.0/1.0
/	BIOL 422/L	Advanced Human Physiology/Lab	3.0/1.0
/	CHEM 111/L	General Chemistry I/Lab	3.0/1.0
/	CHEM 113/L	General Chemistry II/Lab	3.0/1.0
/	CHEM 235/L	Analytical Chemistry/Lab*	3.0/1.0
/	CHEM 311/L	Organic Chemistry I/Lab*	3.0/1.0
/	CHEM 312/L	Organic Chemistry II/Lab	3.0/1.0
	CHEM 405	Biochemistry I (W)	3.0
	CHEM 405L	Biochemistry I Lab	1.0
/	OR		
	CHEM 406	Biochemistry II	3.0

One year of physics selected from:

/	PHYS 111	College Physics I	4.0
/	PHYS 112	College Physics II	4.0
	OR		
/	PHYS 210	General Physics I	4.0
/	PHYS 220	General Physics II	4.0

Professional Education Requirements

	EDUC 111	Exploring Educational Systems	3.0
	EDUC 112	The Exceptional Learner	3.0
	EDUC 202	Professional Learning Communities I	0.5
	EDUC 204	Professional Learning Communities II	0.5
	EDUC 207	Integrating Tech into the Classroom	3.0
	EDUC 223	Child & Adolescent Development	3.0
	EDUC 230	Educational Psychology	3.0
	EDUC 246	Educational Assessment	3.0
	EDUC 302	Professional Communities III	0.5
	EDUC 304	Professional Communities IV	0.5
	EDUC 343	Disciplinary Literacy	3.0
	EDUC 402	Professional Learning Communities V	0.5
	EDUC 430	Culturally Responsive Classroom Communities	3.0
	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
	ENG/MODL 350	Teaching English to Speakers of Other Languages	3.0
	INTD 355	Critical Issues in Education	3.0

*Courses satisfy the Bachelor of Science Degree requirement

Notes: