

**Major Planning Worksheet**  
**Biology: Secondary Education (87.5 - 89.5 hours)**  
**Bachelor of Science**  
 2024-2025 Catalog

Name: \_\_\_\_\_ ID Number: \_\_\_\_\_

Planned Degree Completion Date: Mo. \_\_\_\_\_ Yr. \_\_\_\_\_

<b>Required Courses</b>		<b>Hours</b>
BIOL 104	Science of Human Health	3.0
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 243/L	Botany	2.0/1.0
OR		
BIOL 245/L	Plant Sciences/Lab	3.0/1.0
BIOL 260	Genetics	3.0
BIOL 313/L	Microbiology/Lab	3.0/1.0
OR		
BIOL 365	Cell Biology	3.0
BIOL 315/L	Ecology/Lab	3.0/1.0
OR		
BIOL 413/L	Limnology/Lab	3.0/1.0
NASC 210	Exploration of Natural Science	3.0

**Two semesters of chemistry with lab selected from one sequence:**

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 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

Notes: