

**Major Planning Worksheet**  
**Chemistry: Secondary Education (84.5 hours)**  
**Bachelor of Science**  
 2023-2024 Catalog

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

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

<b>Chemistry Requirements</b>		<b>Hours</b>
<input type="checkbox"/>	CHEM 111/L General Chemistry I/Lab	3.0/1.0
<input type="checkbox"/>	CHEM 113/L General Chemistry II/Lab	3.0/1.0
<input type="checkbox"/>	CHEM 235/L Analytical Chemistry/Lab*	3.0/1.0
<input type="checkbox"/>	CHEM 311/L Organic Chemistry I/Lab*	3.0/1.0
<input type="checkbox"/>	CHEM 312/L Organic Chemistry II/Lab	3.0/1.0
<input type="checkbox"/>	CHEM 341/L Physical Chemistry I/Lab*	3.0/1.0
<input type="checkbox"/>	PHYS 210 General Physics I	4.0
<input type="checkbox"/>	PHYS 220 General Physics II	4.0

<b>Three hours selected from:</b>		<b>3.0</b>
<input type="checkbox"/>	CHEM 342 Physical Chemistry II	
<input type="checkbox"/>	CHEM 405 Biochemistry I (W)	
<input type="checkbox"/>	CHEM 406 Biochemistry II	
<input type="checkbox"/>	CHEM 412 Medicinal Chemistry	
<input type="checkbox"/>	CHEM 425 Advanced Organic Chemistry	
<input type="checkbox"/>	CHEM 435 Advanced Inorganic Chemistry	

<b>One hour selected from:</b>		<b>1.0</b>
<input type="checkbox"/>	CHEM 342L Physical Chemistry II Lab	
<input type="checkbox"/>	CHEM 405L Biochemistry I Lab	
<input type="checkbox"/>	CHEM 441L Advanced Analytical Lab I	
<input type="checkbox"/>	CHEM 443L Advanced Analytical Lab II	

<b>Professional Education Requirements</b>		
<input type="checkbox"/>	EDUC 111 Exploring Educational Systems	3.0
<input type="checkbox"/>	EDUC 112 The Exceptional Learner	3.0
<input type="checkbox"/>	EDUC 202 Professional Learning Communities I	0.5
<input type="checkbox"/>	EDUC 204 Professional Learning Communities II	0.5
<input type="checkbox"/>	EDUC 207 Integrating Tech into the Classroom	3.0
<input type="checkbox"/>	EDUC 223 Child & Adolescent Development	3.0
<input type="checkbox"/>	EDUC 230 Educational Psychology	3.0
<input type="checkbox"/>	EDUC 246 Educational Assessment	3.0
<input type="checkbox"/>	EDUC 302 Professional Communities III	0.5
<input type="checkbox"/>	EDUC 304 Professional Communities IV	0.5
<input type="checkbox"/>	EDUC 343 Disciplinary Literacy	3.0
<input type="checkbox"/>	EDUC 402 Professional Learning Communities V	0.5
<input type="checkbox"/>	EDUC 430 Culturally Responsive Classroom Communities	3.0
<input type="checkbox"/>	EDUC 440 General Methods for Adolescent Teachers	3.0
<input type="checkbox"/>	EDUC 475 High School Student Teaching	7.0
<input type="checkbox"/>	EDUC 477 Jr. High/Middle School Student Teaching	6.0
<input type="checkbox"/>	ENG/MODL 350 Teaching English to Speakers of Other Languages	3.0
<input type="checkbox"/>	INTD 355 Critical Issues in Education	3.0

\*Courses satisfy the Bachelor of Science Degree requirement

Notes: