

# Major Planning Worksheet

## Chemistry: Secondary Education

### Bachelor of Science

2021-2022 Catalog

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

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

<b>Chemistry Requirements</b>			<b>Hours</b>
/	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 341/L	Physical Chemistry I/Lab*	3.0/1.0
/	CHEM 342/L	Physical Chemistry II/Lab	3.0/1.0
	PHYS 210	General Physics I	4.0
	PHYS 220	General Physics II	4.0

**Six hours selected from:**

	CHEM 405	Biochemistry I (W)	3.0
	CHEM 406	Biochemistry II	3.0
	CHEM 425	Advanced Organic Chemistry	3.0
	CHEM 435	Advanced Inorganic Chemistry	3.0

**Two hours selected from:**

	CHEM 405L	Biochemistry I Lab	1.0
	CHEM 441L	Advanced Analytical Lab I	1.0
	CHEM 443L	Advanced Analytical Lab II	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: