

# Curriculum Map

## Area of Concentration in Chemistry – Professional Chemist

This curriculum map represents one potential arrangement of the requirements necessary to complete the Area of Concentration in Chemistry – Professional Track taking into consideration course sequencing, prerequisites, and professional school requirements. Please note that the curriculum does not take into consideration any required developmental courses or transfer work. If developmental courses are required you may not be able to complete this program in four years. If you have transfer work please forward all transcripts to the Office of the Register so that equivalences can be made and applied to your program evaluation in a timely fashion. Students should consult with their advisor.

FIRST YEAR COURSE SCHEDULE								
✓	Fall Semester	Code	Credits		✓	Spring Semester	Code	Credits
	FYS 101 – First Year Seminar	G	3			CHEM 112/112L or 131/131L	P,R	4
	ENG 100 – Writing I	P,G	3			MATH 175	P, G	4
	NSC 2 -CHEM 111 & 111L (Exchange)	P,G,R	4			GENERAL ELECTIVES		6
	COMS 108	G	3			HUM 1 Humanities - Elective	G	3
<b>Total Credit Hours</b>			13		<b>Total Credit Hours</b>			17

SECOND YEAR COURSE SCHEDULE								
✓	Fall Semester	Code	Credits		✓	Spring Semester	Code	Credits
	CHEM 326/326L	P,R	4			CHEM 327/327L	P,R	4
	PHYS 231/231A	P,R	5			CHEM 360/360L <sup>2</sup>	P,R,U	3
	MATH 275	P,R	4			SBS 1 – Social/Behavioral Sciences Elective	G	3
	ENG 200 – Writing II	P,G	3			GENERAL ELECTIVES		6
<b>Total Credit Hours</b>			16		<b>Total Credit Hours</b>			16

THIRD YEAR COURSE SCHEDULE								
✓	Fall Semester	Code	Credits		✓	Spring Semester	Code	Credits
	CHEM 351 <sup>2</sup>	P,R,U	3			CHEM 340	P,R,U	2
	MATH ELECTIVE	P,R,U	3-4			NSC 2 -BIOL 171 & 171L (Exchange)	P,R,S	4
	HUM 2 - Humanities - Elective	G	3			PHYS 232/232A	P,R S	5
	SBS 2 - Social/Behavioral	G	3			GENERAL ELECTIVES		3
	CHEM 301/301L	P,R,U	4					
<b>Total Credit Hours</b>			16-17		<b>Total Credit Hours</b>			14

FOURTH YEAR COURSE SCHEDULE								
✓	Fall Semester	Code	Credits		✓	Spring Semester	Code	Credits
	CHEM 441 <sup>4</sup>	P,R,U	3			CHEM 476	P,R,U	1
	CHEM 451 <sup>4</sup>	P,R,U	3			CHEM 442/442L <sup>4</sup>	P,R,U	5
	GENERAL ELECTIVES		9			CHEM 499D	P,R,G,U	1
	CHEM 499C	P,R,U,G	2			CHEM 460/460L <sup>4</sup>	P,R,U	5
<b>Total Credit Hours</b>			17		<b>Total Credit Hours</b>			12

Students should be aware that they must take 42 hours at the 300-400 level.

<sup>2</sup>CHEM 351 is Fall only, CHEM 360 is Spring only.

<sup>3</sup>CHEM 441. 442. 451. and 460 are offered every third semester; consult with advisor regarding which semester you should take it.

### Codes

(P) Pre-Requisite Course(s) must be successfully passed to be eligible to enroll in this course.

(U) Upper Division Course 300-400 level (you must have 42 hours)

(R) Required Course, (E) Elective, (S) Supplemental, (G) General Education Course