

## Major Map

**BULLETIN YEAR:** 2015-2016    **Degree:** BA; BS

**Major:** CHEMISTRY

*The major map illustrates one path to completing your major, based on faculty members' advice on course sequence and a department's tentative plans for scheduling courses. This document provides general direction. For more specific advice and up to date schedules, it is expected that students will regularly discuss their plans of study with academic advisors and monitor the current class schedules as students are responsible for ensuring that all requirements for graduation have been met.*

Course	Cr. Hrs.	Course	Cr. Hrs.
<b>FIRST YEAR</b>			
Semester: Fall    Total Credit Hours: 4-5		Semester: Spring    Total Credit Hours: 4-0	
CHM 131 (opt. A) or CHM 161(opt. B)	4-5	CHM 132 (option A -if CHM 131 taken)	4-0
		**MTH 132 (Prerequisite)	
		CHM 211 or 345 -Spring of first year if Option B is chosen -(Both of these CHM courses are required, see advisor)	

\*\*The following courses are required for students desiring American Chemical Society Cert. (they are recommended for all students): MTH 132, 133, 223, & 233; PHY 145, 146, 175, & 176

Course	Cr. Hrs.	Course	Cr. Hrs.
<b>SOPHOMORE YEAR</b>			
Semester: Fall    Total Credit Hours: 7		Semester: Spring    Total Credit Hours: 5	
CHM 211QR	4	CHM 346	3
CHM 345	3	CHM 349	2
**MTH 133 (Prerequisite)		**MTH 223 or 232 (Prerequisite)	
**PHY 145QR (Prerequisite)		**PHY 146 (Prerequisite)	
**PHY 175 (Prerequisite)		**PHY 176 (Prerequisite)	
Course	Cr. Hrs.	Course	Cr. Hrs.

JUNIOR YEAR			
Semester: Fall    Total Credit Hours: 6		Semester: Spring    Total Credit Hours: 8	
CHM 331	3	CHM 352	3
CHM 351	3	CHM 357	2
**MTH 233 (Prerequisite)		CHM 425	3
Course	Cr. Hrs.	Course	Cr. Hrs.

SENIOR YEAR			
Semester: Fall    Total Credit Hours: 4-11		Semester: Spring    Total Credit Hours:	
CHM 491	1-3		
CHM electives <sup>1</sup>	3-8		
Course	Cr. Hrs.	Course	Cr. Hrs.

FIFTH YEAR (IF NEEDED)			
Semester:		Semester:	
Total Credit Hours:		Total Credit Hours:	

**124 hours minimum required for graduation**

**40 hours 300 level or above required**

<sup>1</sup>Select from the list of electives in Bulletin to meet the minimum credit hour requirement. Other courses may be substituted only with permission of a chemistry major advisor.