

Curriculum Guide Major: Chemistry – Option II – General Chemistry ¹ (B.S.) 2012-2013			
First Year		Second Year	
Semester 1	Semester 2	Semester 1	Semester 2
ENGL 1301 3 hrs.	ENGL 1302*/2311* 3 hrs.	MATH 2414* 4 hrs.	CHEM 2525* (SP) 5 hrs.
MATH 1316*/2412*/ ² 3-4 hrs.	MATH 2413* 4 hrs.	CHEM 2523* (FA) 5 hrs.	CORE 70 ^C 3 hrs.
CHEM 1411* 4 hrs.	CHEM 1412* 4 hrs.	CORE 60 ^C 3 hrs.	Elective 3-4 hrs.
CORE 60 ^C 3 hrs.	CORE 11 ^C 3 hrs.	CORE 70 ^C 3 hrs.	CORE 40 ^C 3 hrs.
CORE 90 ^C 1-3 hrs.	CORE 50 ^C 3 hrs.		
14-17 hrs.	17 hrs.	15 hrs.	14-15 hrs.
Third Year		Fourth Year	
Semester 1	Semester 2	Semester 1	Semester 2
CHEM 3511*(FA) 5 hrs.	PHYS 1402*/2426* (SP) 4 hrs.	CHEM ³ 4-5 hrs.	CHEM ³ 4-5 hrs.
PHYS 1401*/2425* (FA) 4 hrs.	CHEM ³ 4-5 hrs.	Adv. Elective 3 hrs.	Elective (may need to be advanced) 3 hrs.
Adv. Elective 3 hrs.	BS Requirement 3 hrs.	Adv. Elective 3 hrs.	MPS 4370* 3 hrs.
Adv. Elective 3 hrs.	Adv. Elective 3 hrs.	CORE 80 ^C 3 hrs.	Elective 3-4 hrs.
		Elective 1-4 hrs.	
15 hrs.	14-15 hrs.	14-16 hrs.	13-15 hrs.

* Indicates prerequisite(s).
^C See degree checklist for options.
 ♦Total degree hours must be 120; course may be required if degree hours are not otherwise accounted for.
 FA=Fall only
 SP=Spring only

NOTE: Course scheduling/rotation notes are not definitive and should be used for general planning purposes only. A number of factors can influence when courses are offered. Students should always seek the advice of their academic advisor before scheduling classes.

PREREQUISITE NOTES:

CHEM 1411: MATH 1314/1324

CHEM 1412: CHEM 1411

CHEM 2523: CHEM 1412

CHEM 2525: CHEM 2523

CHEM 3511: CHEM 1412

ENGL 1302/2311: ENGL 1301.

MATH 1316: MATH 1314 or 1324

MATH 2412: MATH 1314, ACT score of 24 or SAT 560 or above on math section

MATH 2413: MATH 1316 or 2412, or ACT score of 27 or SAT 620 or above on math section

MATH 2414: MATH 2413

MPS 4370: Senior status and consent of instructor

PHYS 1401: MATH 1314, MATH 1324 or a mathematics course for which one of these courses is a prerequisite

PHYS 2425: MATH 2413 or concurrent enrollment

PHYS 1402: PHYS 1401

PHYS 2426: PHYS 2425 and MATH 2414 or concurrent enrollment in MATH 2414

ADDITIONAL NOTES:

¹This option provides a background for students whose career goals are to enter education or chemistry-related fields.

²MATH 2412 is recommended over MATH 1316 for this degree plan

³Choose three courses from: CHEM 3521, 3522, 4411, 4323/4223L, 4324/4224L, or 4431 (For a list of prerequisites, see catalog.)