

Major Courses (37 hours):

Course Title	Hrs	Course Number
General Chemistry I (with lab)	4	CHEM 1110/1110L
General Chemistry II (with lab)	4	CHEM 1120/1120L
Scientific Communication	2	CHEM 2810
Organic Chemistry I (with lab)	4	CHEM 3010/3010L
Organic Chemistry II (with lab)	4	CHEM 3020/3020L
Quantitative Analysis (with lab)	4	CHEM 3210/3210L

Course Title	Hrs	Course Number
Inorganic Chemistry	3	CHEM 3310
Physical Chemistry I (with lab)	4	CHEM 3710/3710L
Chemical Literature	1	CHEM 3820
Instrumental Analysis (with lab)	4	CHEM 4230/4230L
Seminar	1	CHEM 4830
CHEM Electives (2 hrs)	2	CHEM 4510 strongly recommended

Related Courses (16 hours):

Course Title	Hrs	Course Number
Physics – Mech/Heat (with lab)	4	PHYS 1030/1030L
or	or	or
Calculus Based Physics (M/H)	4	PHYS 2300/2300L
Calculus I (with lab)	4	MATH 1910/1911

Course Title	Hrs	Course Number
Physics – Elect/Optics (with lab)	4	PHYS 1040/1040L
or	or	or
Calculus Based Physics (E/M)	4	PHYS 2310/2310L
Calculus II (with lab)	4	MATH 1920/1921

General Education (42 hours – some fulfilled within major):

Category	Hrs	Courses
Rhetoric & Composition I/II	4	ENGL 1010 & 1020
Cultures and Civilizations	9	Various (see catalog)
Humanities/Fine Arts	6	Various (at least 3 hrs in Fine Arts)

Category	Hrs	Courses
Behavioral and Social Sciences	6	Various (in two different disciplines)
Natural Sciences	8	Completed with Physics requirement
Mathematics and Statistics	7	Math 1910/1911 and Math 2100

University Requirements

Foreign Language through second year.

Completion of a Biology minor (20 hrs) with a minimum 2.0 GPA: BIOL 1110/1110L, 1120/1120L and 3 advanced Biology courses (BIOL 3250/3260, 3111-/3110L and 4280/4280L strongly recommended).

Minimum 39 hours of 3000 and 4000 level courses

Electives to complete 120 hours

Sample Schedule							
Freshman		Sophomore		Junior		Senior	
Fall	Hrs	Fall	Hrs	Fall	Hrs	Fall	Hrs
CHEM 1110/1110L	4	CHEM 3010/3010L	4	CHEM 3210/3210L	4	CHEM 3710/3710L	4
ENGL 1010	3	BIOL 3250/3260	4	CHEM 3310	3	CHEM 4230/4230L	4
MATH 1910/1911	4	PHYS 1030/1030L	4	CHEM 3820	1	CHEM 4830	1
BIOL 1110/1110L	4	For Lang I	4	Hum/Fine Art	3	Cult and Civil	3
				For Lang III	3	Behav/Soc Science	3
Total	15	Total	16	Total	14	Total	15
Spring	Hrs	Spring	Hrs	Spring	Hrs	Spring	Hrs
CHEM 1120/1120L	4	CHEM 2810	2	CHEM 4510	3	BIOL 4280/4280L	4
ENGL 1020	3	CHEM 3020/3020L	4	BIOL 3110/3110L	4	Cult and Civil	3
MATH 1920/1921	4	PHYS 1040/1040L	4	MATH 2100	3	Behav/Soc Science	3
BIOL 1120/1120L	4	For Lang II	4	For Lang IV	3	Fine Art	3
				Cult and Civil	3	Electives	2
Total	15	Total	14	Total	16	Total	15

Students beginning lower than MATH 1910/1911 must add lower MATH classes and should plan to take math each semester until MATH 1920/1921 is completed.

If Level 05, then MATH 1005.

If Level 15, then MATH 1006.

If Level 20 or Math ACT 24, then MATH 1710.

If Level 30 or Math ACT 26, then MATH 1720.