

First Year

1st Semester (14 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
CHEM A111	General Chemistry I	4	CHEM A112	General Chemistry II	4
MATH A111	Pre-Calculus I	3	MATH A112	Pre-Calculus II	3
ENGL A101	Composition	3	ENGL A102	Comp. & Literature	3
BIOL A121	Biological Science I	4	GEN ED	Humanities	3
			GEN ED	Social/Behavioral Sciences	3

Second Year

1st Semester (15 hrs)			2nd Semester (16 hrs)		
Course	Title	hrs	Course	Title	hrs
CHEM A331	Organic Chemistry I	3	CHEM A332	Organic Chemistry II	3
CHEM A331L	Organic Chemistry Lab I	1	CHEM A332L	Organic Chemistry Lab II	1
PHYS A201	Physics I	4	PHYS A202	Physics II	4
MATH A141	Calculus I	4	MATH A142	Calculus II	4
HIST A101/A102	GEN ED Global Cultures	3	CHEM A310	Research Methods	1
			COMM A201/A241	GEN ED Oral Communications	3

Third Year

1st Semester (15 hrs)			2nd Semester (14 hrs)		
Course	Title	hrs	Course	Title	hrs.
BIOL A541	Principals of Biochemistry	4	CHEM A550	Advanced Biochemistry	4
CHEM A541&L	Physical Chemistry I and Lab	4	CHEM A542&L	Physical Chemistry II and lab	4
POLIA201 HIST A201/A202	GEN ED American Political Institutions	3	COLLEGE REQ.	College requirement elective (not math or science)	3
BIOL A122	Biological Science II	4	ELECT	Free elective	3

Fourth Year

1st Semester (16 hrs)			2nd Semester (15-17 hrs)		
Course	Title	hrs	Course	Title	hrs
CHEM A311/L	Intro. Inorganic Chemistry & Lab	4	CHEM A511/A522	Advanced CHEM elective	4/5
CHEM A 321/L	Quantitative Analysis & Lab	4	BIOL A350/A360	Biology Cognate	3/4
CHEM A499	Senior Research	2	CHEM A499	Senior Research	2
BIOL A502	Adv. Cell/ Molecular Biology	3	ELECT	Free elective	3
GEN ED	Humanities	3	ELECT	Free elective	3

Notes: Take one MATH class in the sequence every semester until MATH 142 is completed. Sequence is MATH 111→112→141→142.

Gen Ed courses timing can be interchanged throughout. For example: First Year 2nd Semester lists GEN ED Humanities; but it can be swapped with any of GEN ED Global Cultures, GEN Ed Social Sciences, or GEN ED American Political Institutions. They can also be swapped with BIOL A122 and the College Requirement. One Humanity/Social Science/College Elective/Cognate must be a "non-Western" course (see bulletin for listing)

Advanced Chemistry Elective: choose 1 from CHEM A511/A521.