

CHEMISTRY OPTION
Science & Math Degree
#2152

Suggested Sequence by Semester

*This suggested sequence does not include any required developmental courses.
Degree completion time may vary depending upon the number of credits taken each semester.*

SEMESTER I			SEMESTER II		
		CREDITS			CREDITS
English Composition I	ENG 111	3	English Composition II	ENG 112	3
Social Science Elective		3	Math/Science/Tech Elective		3
Precalculus OR	MAT 123	4	Analytic Geometry & Calc. I OR	MAT 131	4
Analytic Geometry & Calculus I	MAT 131		Analytic Geometry & Calc. II	MAT 132	
General Chemistry I Lecture	CHM 125	3	General Chemistry II Lecture	CHM 127	3
General Chemistry I Lab	CHM 126	<u>1</u>	General Chemistry II Lab	CHM 128	<u>1</u>
	TOTAL	14		TOTAL	14
SEMESTER III			SEMESTER IV		
General Education Elective		3	General Education Elective		3
Humanities Elective		3	Restricted Elective		4
Soc. Science or Humanities Elective		3	Biology or Physics Elective		4
Biology or Physics Elective		4	Organic Chemistry II Lecture	CHM 233	3
Organic Chemistry I Lecture	CHM 231	3	Organic Chemistry II Lab	CHM 234	<u>1</u>
Organic Chemistry I Lab	CHM 232	<u>1</u>			
	TOTAL	17		TOTAL	15

MATH/SCIENCE/TECHNOLOGY: See attached General Education course list. Work closely with your faculty advisor to select the appropriate courses.

MATHEMATICS: Students who place out of MAT 123, Precalculus should start at a higher-level Math class – MAT 131, Calculus I and continue to MAT 132, Calculus II. Discuss this sequence of Math courses with your advisor.

TECHNOLOGY LITERACY: If you do not pass the Technology Literacy Competency exam, you must take one of the courses in Technological Competency or Information Literacy listing from the General Education course list. This course can be used to fulfill a General Education Math/Science/Technology elective.

GENERAL EDUCATION ELECTIVES: Please select appropriate courses from the approved list of General Education courses. Work closely with your faculty advisor to select the appropriate courses. Students planning to transfer to a B.A. (Bachelor of Arts) program should take COM 109, Speech Fundamentals, since this is required for that degree. [Click here for the most recent General Education course list.](#)

HUMANITIES: See attached General Education course list. Work closely with your faculty advisor to select the appropriate courses.

SOCIAL SCIENCE: See attached General Education course list. Work closely with your faculty advisor to select the appropriate courses.

BIOLOGY/PHYSICS ELECTIVES:

BIO 121-122 General Biology I, II	BIO 202 Ecology (Fall)	BIO 215 Microbiology
BIO 223 Cell and Molecular Biology (Fall)	BIO 201 Genetics (Spring)	CHM 212 Biochemistry
PHY 125/126-127/128 General Physics I & II	PHY 130-133/134-232/233 Engineering Physics I, II, III	

RESTRICTED ELECTIVE: Choose one from the following:

BIO 121, 122, 201, 202, 215, 223
CHM 212, 218
PHY 125/126, 127/128, 130, 133/134, 232/233
MAT 132, 230, 244

HONORS COURSES: You may be eligible to take honors courses. Discuss this option with your Academic Advisor.

Note: Students will not receive credit for more than one of the following courses: MAT 124 and MAT 130.