

*The following roadmap is a sample academic planning resource. Please consult your academic advisor and Academic Catalog for graduation requirements as you develop your individualized academic plan.

College: College of Natural Sciences and Mathematics

Degree: BA – Bachelor of Arts

Major: Chemistry (Biochemistry)*

Term #	Course #	Course Title	Units
1	MATH 30	Calculus I	4
	X	General Education Requirement Area A1	3
	ENGL 5	Accelerated Academic Literacies	3
	X	General Education Requirement Area E	3
	X	Elective	3
Semester Total			16
2	CHEM 1A	General Chemistry I	5
	MATH 31	Calculus II	4
	X	General Education Requirement Area A3	3
	X	General Education Requirement Area F	3
Semester Total			15
3	CHEM 1B	General Chemistry II	5
	ENGL 20	College Composition II	3
	X	American Institutions (US HIST)	3
	X	General Education Requirement Area C1	3
Semester Total			14
4	CHEM 24	Organic Chemistry Lecture I	3
	CHEM 31	Quantitative Analysis	4
	X	First Semester Physics	4
	X	General Education Requirement Area D	3
	X	American Institutions (GOVT)	3
Semester Total			17

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Term #	Course #	Course Title	Units
5	BIO 1	Biodiversity, Evolution, and Ecology	5
	CHEM 124	Organic Chemistry Lecture II	3
	X	Second Semester Physics	4
	X	Foreign Language Semester 1	4
Semester Total			16
6	BIO 2	Cells, Molecules, and Genes	5
	CHEM 142	Introduction to Physical Chemistry	4
	CHEM 25	Organic Chemistry Laboratory	3
	X	Foreign Language Graduation Requirement Semester 2	4
Semester Total			16
7	CHEM 125	Advanced Organic Chemistry Laboratory	3
	CHEM 160A	Structure and Function of Biological Molecules	3
	CHEM 162	General Biochemistry Laboratory	3
	X	BIO Upper Division elective	3
	X	Upper Division General Education Requirement Area C	3
Semester Total			15
8	CHEM 160B	Metabolism and Regulation of Biological Systems	3
	CHEM 164	Advanced Biochemistry Laboratory	3
	X	BIO Upper Division elective	3
	X	Upper Division General Education Requirement Area D + Writing Intensive	3
	X	General Education Requirement Area C	3
Semester Total			15