

This program roadmap represents one possible pathway to complete the program. *Please see a counselor* to create an education plan that is customized to meet your needs. This roadmap is not a guarantee of course availability or financial aid applicability. For counseling appointments call 916.608.6510.

Total Units: 60-61

First Year

Semester 1

15-16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
CHEM 400 General Chemistry I	5	MATH 120; and a college-level Chemistry course with a lab with a "C" or better or one year in high school Chemistry with a lab with a grade of "C" or better.	F, S	IV
ENGWR 300 College Composition	3		F, S	II(a)
STAT 300 Introduction to Probability and Statistics or	4		F, S	II(b)
MATH 400 Calculus I	5	MATH 375 or MATH 372 & 373	F, S	
American Institutions	3		F, S	V(a)

Semester 2

13 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BIOL 400 Principles of Biology	5	CHEM 400	F, S	
CHEM 401 General Chemistry II	5	CHEM 400	F, S	
Physical Education Activity	1		F, S	III(a)
Life Development Skills	2		F, S	III(b)

Second Year

Semester 3

16 Units

Notes

- See FLC [AA/AS](#) General Education requirements.
- A degree applicable elective is defined as any class with a course number between 100 and 499.
- Some English and math courses have support courses (co-requisites). See your assessment results for more details.

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BIOL 410 Principles of Botany or	5	BIOL 400	F, S	
BIOL 420 Principles of Zoology	5	BIOL 400	F, S	
CHEM 420 Organic Chemistry I	5	CHEM 401	F, S	
Social/Behavioral Science	3		F, S	V(b)
Humanities	3		F, S	I

Semester 4

16 Units

COURSE	UNITS	PRE-REQS^	SEMESTERS OFFERED*	GE AREA
BIOL 410 Principles of Botany or	5	BIOL 400	F, S	
BIOL 420 Principles of Zoology	5	BIOL 400	F, S	
CHEM 421 Organic Chemistry II	5	CHEM 420	F, S	
Ethnic/Multicultural Studies	3		F, S	VI
Degree Applicable Elective	3		F, S	

*Student must complete both Biol 410 and 420.

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