

BA Degree in Biology (671103)

Minimum Number of Units in Major = 57

Bulletin URL: <http://www.sfsu.edu/~bulletin/current/programs/biology.htm#671103> Key to Course Abbreviations: <http://www.sfsu.edu/~admisrec/reg/crsabbrev.html>

1st Semester Requirements

Requirement	Recommended Courses	Units
Basic Information Competence		
Written English Proficiency	ENG 114	3
GE 1 Quantitative Reasoning also satisfies Major Lower Division	MATH 124 or MATH 226	3 to 4
GE 2 Physical and Biological Sciences, Category A also satisfies Major Lower Division	PHYS 111	3
Major Lower Division	PHYS 112	1
Major Lower Division	CHEM 115	5
1st Semester Total		15 to 16

Note: Review the Bulletin for GE II requirements in the following areas:
 LLD-Lifelong Development; AERM-American Ethnic and Racial Minorities; L/F-Laboratory or Fieldwork

2nd Semester Requirements

Requirement	Recommended Courses	Units
GE 1 Oral Communication	COMM 150	3
GE 1 Critical Thinking		3
GE 2 Physical and Biological Sciences, Category B also satisfies Major Lower Division	BIOL 230	5
Major Lower Division	PHYS 121 & PHYS 122	4
2nd Semester Total		15

3rd Semester Requirements

Requirement	Recommended Courses	Units
GE 1 Written Communication also satisfies University Written English Proficiency	ENG 214	3
GE 2 Behavioral and Social Sciences		3
Major Lower Division	BIOL 240	5
Major Lower Division (CHEM 216 recommended)	CHEM 215 or CHEM 216	3 to 5
3rd Semester Total		14 to 16

4th Semester Requirements

Requirement	Recommended Courses	Units
US Government and California		3
GE 2 Physical and Biological Sciences (If necessary to achieve 9 units)		3
GE 2 Humanities and Creative Arts		3
Major Lower Division	CHEM 130	3
Major Upper Division (Ecology)		3 to 4
4th Semester Total		15 to 16

5th Semester Requirements

Requirement	Recommended Courses	Units
US History		3
GE 2 Behavioral and Social Sciences		3
GE 3		3
Major Upper Division (Physiology with lab - See Note 1)		3 to 5
Major Upper Division	BIOL 355	3
5th Semester Total		15 to 17

6th Semester Requirements

Requirement	Recommended Courses	Units
University Elective or University Written Eng Proficiency/GWAR		3
GE 2 Behavioral and Social Sciences		3
GE 2 Humanities and Creative Arts		3
Major Upper Division (Cell Biology with lab - See Note 1)		3 to 5
Major Upper Division (Evolutionary or Organismal)		3 to 5
6th Semester Total		15 to 19

7th Semester Requirements

Requirement	Recommended Courses	Units
GE 2 Humanities and Creative Arts		3
GE 3		3
Major Upper Division Elective		3 to 4
Major Upper Division Elective		3 to 5
University Elective		0 to 3
7th Semester Total		12 to 18

8th Semester Requirements

Requirement	Recommended Courses	Units
GE 3		3
Major Upper Division Elective		3 to 5
Major Upper Division Elective		3 to 5
University Elective		3
8th Semester Total		12 to 16

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Note: Meet with a major advisor early to develop a customized course plan. A minimum of 40 upper division units must be completed for degree.

Note 1: Only one physiology or cell biology lab is required. This roadmap is a recommendation only. It is designed so that no more than two majors science classes are taken in most semesters. Check the prerequisites of courses to see if you can take a course earlier if desired.

Department Website: <http://www.sfsu.edu/~biology/>