

Bachelor of Science in Biological Science – Concentration in Microbiology & Biomedical Lab Science (Categories III & IV)

Course	Course Title	Units	
FALL (Yr 1, Semester 1)			
B4/Prereq	MATH 115	Algebra	3
	MATH 15	College Algebra Workshop	1
A1	COMM 100	Communication	3
C1		Student choice	3
D1/CODE 1		Student choice	3
E	GS 101A	Foundations of Success I	1
		TOTAL:	14

Course	Course Title	Units	
SPRING (Yr 1, Semester 2)			
B2/LD Major	BIOL 140A	Principles of Cell & Mol. Biology	5
Prereq	MATH 120	Precalculus	3
A2	ENGL 101	College Writing	3
C2		Student choice	3
E	GS 101B	Foundations of Success II	1
		TOTAL:	15

FALL (Yr 2, Semester 3)			
B1	CHEM 111	General Chemistry I	5
LD Major	BIOL 140B	Principles of Organismal Biology	5
Req Major	MATH 130	Calculus	4
A3	PHIL 100	Workshop in Clear Thinking	3
		TOTAL:	17

SPRING (Yr 2, Semester 4)			
B3	CHEM 112	General Chemistry II	5
UD Major	BIOL 310	Genetic Analysis I	4
Writing II/WID (2nd C)	ENGL 102	Accelerated College Writing	3
C3		Student choice	3
D2		Student choice	3
		TOTAL:	18

FALL (Yr 3, Semester 5)			
UD Major	CHEM 331	Organic Chemistry I	5
LD Major	PHYS 125	Principles of Physics I	4
UD Major	BIOL 330	Microbiology	5
D3		Student choice	3
		TOTAL:	17

SPRING (Yr 3, Semester 6)			
UD Major	CHEM 332	Organic Chemistry II	5
LD Major	PHYS 126	Principles of Physics II	4
Maj Elec 1		Student choice	3-4
Code 2		Student choice	3
		TOTAL:	15-16

FALL (Yr 4, Semester 7)			
UD Major	CHEM 340	Survey of Biochemistry	3
UD Major	BIOL 320	Evolutionary Biology	3
Maj Elec 2		Student choice	3-4
Maj Elec 3		Student choice	3-4
B6		Student Choice	3
		TOTAL:	15-17

SPRING (Yr 4, Semester 8)			
Major/Capstone	BIOL 430	Microbial Physiology and Biochem	3
Maj Elec 4		Student choice	3-4
Maj Elec 5		Student choice	3
C4		Student Choice	3
D4		Student choice	3
		TOTAL:	15-16
TOTAL UNITS TO DEGREE:			120

For a list of suggested GE courses for Biology majors, please visit: <http://www.csueastbay.edu/biology/advising/ge-courses.html>

For a list of Biology Faculty Advisors, please visit: <http://www.csueastbay.edu/biology/advising/faculty-advisors.html>