

California State University, Chico
MAJOR ACADEMIC PLAN (MAP)

Major: **The Bachelor of Science in Microbiology**
 Option: **Microbiology (General Microbiology)**
 Pattern:

Degree Units: 120
Major Units: 78
Elective Units: 9

First Semester		Second Semester		Comments
BIOL 109	1	BIOL 152 (SP)	4	
CHEM 111 (GE B1) [*C-]	4	CHEM 112 [*C-]	4	
BIOL 151 (GE Area B2)	4	MATH 109 (GE A4) [*C-]	4	[*C-] C- or Better is required.
GE Area A [*C-]	3	GE Area A [*C-]	3	
GE Area A [*C-]	3			
Total Units:	15	Total Units:	15	
Third Semester		Fourth Semester		Notes
BIOL 153 (FA)	4	BIOL 371 (WP) [*C-]	4	
CHEM 270 [*C-]	4	CHEM 370	3	
PHYS 202A (GE B1) [*C-]	4	CHEM 370L	1	It is recommended that you meet with your major advisor early in your academic career and every semester.
GE Area C	3	PHYS 202B	4	
		GE Area C	3	
Total Units:	15	Total Units:	15	Consider meeting the United States Diversity and Global Cultures requirements within GE courses.
Fifth Semester		Sixth Semester		Complete a minimum of 4 Writing Intensive (WI) courses-one will be met by your Written Communication Course and one by your Capstone Course; select 2 additional WI courses. Select a GE Capstone Course in your Upper-Division Pathway, or substitute an approved Major Capstone course from the GE Capstone Requirement.
BIOL 360	4	BIOL 412 (Odd SP)	4	
CHEM 451	3	ENVL 105 or ENVL 105I (GE Area E)	3	Apply to graduate one year before anticipated graduation date.
CHEM 453L	1	GE Area D	3	
GE Area D	3	HIST 130 or POLS 155	3	
HIST 130 or POLS 155	3	Elective	3	
Total Units:	14	Total Units:	16	
Seventh Semester		Eighth Semester		
BIOL 402 (FA)	4	BIOL 399 [*400]	2	
BIOL 466 or BIOL 470 or BIOL 472 or BIOL 476	4-5	BIOL 466 or BIOL 470 or BIOL 472 or BIOL 476	4-5	
CHEM 320 or MATH 315	3-4	GE UD Pathway	3	
GE UD Pathway	3	Elective	3	
		Elective	3	
Total Units:	14-16	Total Units:	15-16	

(Consult the 2015-2016 University Catalog for official degree program)

Fully Online: 05/30/2015