

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: 6**

First Semester	Second Semester	Comments
BIOL 109 1	BIOL 152 (SP) 4	[*400] OR any 400 level biology (BIOL) course. Consult with your major advisor. [*C-] C- or Better is required.
CHEM 111 (GE B1) [*C-] 4	CHEM 112 [*C-] 4	
BIOL 151 (GE Area B2) 4	MATH 109 (GE A4) [*C-] 4	
GE Area A [*C-] 3	GE Area A [*C-] 3	
GE Area A [*C-] 3		
<b>Total Units: 15</b>	<b>Total Units: 15</b>	
Notes		
<p><b>Transfer Students: Review your Degree Progress Report (DPR) in your Student Center, meet with your Major Department Advisor for major coursework, and meet with an Academic Advisor in SSC 220 to review General Education (including Writing Intensive "WI" and Capstone "C") and Graduation requirements.</b></p> <p>It is recommended that you meet with your major advisor early in your academic career.</p> <p>Consider meeting the United States Diversity and Global Cultures requirements within GE courses.</p> <p>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.</p> <p>Select a GE Capstone Course in your Upper-Division Pathway, or substitute an approved Major Capstone course from the GE Capstone Requirement.</p> <p>Apply to graduate one year before anticipated graduation date.</p>		
Third Semester	Fourth Semester	
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	
GE Area C 3	PHYS 202B 4	
	GE Area C 3	
<b>Total Units: 15</b>	<b>Total Units: 15</b>	
Fifth Semester	Sixth Semester	
BIOL 360 4	BIOL 466 or BIOL 470 or BIOL 472 or BIOL 476 4-5	
CHEM 451 3	ENVL 105 or ENVL 105I (GE Area E) 3	
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	
<b>Total Units: 14</b>	<b>Total Units: 16-17</b>	
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 412 (SP) 4	
CHEM 320 or MATH 315 3-4	GE UD Pathway 3	
GE UD Pathway 3	GE UD Pathway 3	
	Elective 3	
<b>Total Units: 14-16</b>	<b>Total Units: 15</b>	

*(Consult the 2013-2014 University Catalog for official degree program)*

**Approved: 05/31/2013**