

California State University, Chico
MAJOR ACADEMIC PLAN (MAP)

Major: **The Bachelor of Science in Biological Sciences**
Option: **Biological Sciences (Cellular and Molecular Biology)**
Pattern:

Degree Units: 120
Major Units: 78
Elective Units: 6

First Semester	Second Semester	Comments
BIOL 109 1	BIOL 152 4	[*MCAT] Pre-health students are strongly advised to enroll in BIOL 416 in preparation for MCAT exam.
BIOL 151 (GE Area B2) 4	CHEM 112 4	
CHEM 111 (GE B1) [*C-] 4	MATH 109 or MATH 120 (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 4	BIOL 350 (WP) [*C-] 3	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.
CHEM 270 4	PHYS 202B 4	
PHYS 202A (GE B1) [*C-] 4	CHEM 370 3	It is recommended that you meet with your major advisor early in your academic career and every semester.
GE Area C 3	GE Area D 3	
Total Units: 15	HIST 130 or POLS 155 3	Consider meeting the United States Diversity and Global Cultures requirements within GE courses.
	Total Units: 16	
Fifth Semester	Sixth Semester	
BIOL 360 4	BIOL 409 (SP) 4	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.
ENVL 105 or ENVL 105I (GE Area E) 3	CHEM 451 3	
MATH 315 3	Cellular Elective [*MCAT] 4	Select a GE Capstone Course in your Upper-Division Pathway, or substitute an approved Major Capstone course from the GE Capstone Requirement.
GE UD Pathway 3	HIST 130 or POLS 155 3	
Elective 3	Total Units: 14	Apply to graduate one year before anticipated graduation date.
Total Units: 16		
Seventh Semester	Eighth Semester	
BIOL 411 (FA) 4	BIOL 492 1	
CHEM 453L 1	Cellular Elective 4	
Cellular Elective 4	GE Area D 3	
GE Area C 3	GE UD Pathway 3	
GE UD Pathway 3	Elective 3	
Total Units: 15	Total Units: 14	

(Consult the 2016-2017 University Catalog for official degree program)

Fully Online: 06/01/2016