

California State University, Chico
MAJOR ACADEMIC PLAN (MAP)

Major: **The Bachelor of Science in Biochemistry**

Option:

Pattern:

Degree Units: 120

Major Units: 75-77

Elective Units: 7-9

First Semester		Second Semester		Comments
BIOL 151 (GE Area B2)	4	CHEM 112 [*C-]	4	
CHEM 111 (GE B1) [*C-]	4	MATH 121 [*C-]	4	
MATH 120 (GE A4) [*C-]	4	PHYS 202A (GE B1) [*C-]	4	[*C-] C- or Better is required.
GE Area A [*C-]	3	GE Area A [*C-]	3	
Total Units:	15	Total Units:	15	
Third Semester		Fourth Semester		Notes
CHEM 270 [*C-]	4	CHEM 320	4	
MATH 220	4	CHEM 370 [*C-]	3	
PHYS 202B	4	CHEM 370M	2	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.
GE Area A [*C-]	3	GE Area C	3	
		GE Area D	3	Select a GE Capstone Course in your Upper-Division Pathway, or substitute an approved Major Capstone course from the GE Capstone Requirement.
Total Units:	15	Total Units:	15	
Fifth Semester		Sixth Semester		Consider meeting the United States Diversity and Global Cultures requirements within GE courses. Apply to graduate one year before anticipated graduation date.
CHEM 331 (FA)	3	BIOL 371 (WP) [*C-]	4	
CHEM 451	3	CHEM 452 (SP)	3	Apply to graduate one year before anticipated graduation date.
GE Area D	3	CHEM 453M (SP)	3	
GE Area E	3	GE Area C	3	
HIST 130 or POLS 155	3	Elective	1	
Total Units:	15	Total Units:	14	
Seventh Semester		Eighth Semester		
BIOL 360	4	CHEM 400 (SP)	1	
CHEM 361 (FA)	3	Bio Chem UD Selection	3-5	
CHEM 381 (WP) (FA) [*C-] [*MOD]	3	GE UD Pathway	3	
GE UD Pathway	3	HIST 130 or POLS 155	3	
Elective	3	Elective	3	
		Elective (1-2 units as needed)	1-2	
Total Units:	16	Total Units:	14-17	

(Consult the 2014-2015 University Catalog for official degree program)

Fully Online: 05/31/2014