

California State University, Chico
MAJOR ACADEMIC PLAN (MAP)

Major: **The Bachelor of Science in Geosciences**
 Option: **Geosciences (Physical Science Education)**
 Pattern:

Degree Units: 120
Major Units: 64-66
Elective Units: 6-14

First Semester	Second Semester	Comments
CHEM 111 (GE Area B1) [*C-] 4	CHEM 112 4	[*SUB] Two courses selected from PHYS 204A/204B/204C may be used in place of PHYS 202A/202B. [*C-] C- or Better is required. [*THM-R] If UD GE Theme R is selected take as an elective. [*B2] If NSCI 102 is used to fulfill GE Area B2 requirement then substitute with elective units. [*R] PHYS 360 may be used in the Upper Division Theme R. [*GE] ENVL 105 recommended.
MATH 109 or MATH 120 (GE Area A4) [*C-] 4	GEOS 102 3	
GE Area A [*C-] 3	MATH 105 or MATH 121 3-4	
GE Area A [*C-] 3	GE Area A [*C-] 3	
Total Units: 14	Total Units: 13-14	
Third Semester	Fourth Semester	
BIOL 151 or NSCI 102 3-4	GEOS 105 3	Notes Due to the new GE effective Fall 2012, you are only required to complete GE Area C1, and either C2 or C3, and 2 Area D courses. If you have questions, see an Academic Advisor in SSC 220. It is recommended that you meet your Diversity requirements (USD and GC) within General Education Consider fulfilling elective units with credential program prerequisite courses. See major advisor for clarification of these courses Refer to BS in Geosciences in the 2011-12 Online Catalog: Option in Physical Science Education for program details. Apply to graduate one year prior to anticipated graduation date.
GEOS 203 (FA) 3	PHYS 202B [*SUB] 4	
PHYS 202A [*C-] [*SUB] 4	GE Area B2 or Elective [*B2] 3	
GE Area C 3	GE Area D 3	
GE Area E [*GE] 3	HIST 130 or POLS 155 3	
Total Units: 16-17	Total Units: 16	
Fifth Semester	Sixth Semester	
CHEM 270 4	BIOL 302 (SP) 3	It is recommended that you meet your Diversity requirements (USD and GC) within General Education Consider fulfilling elective units with credential program prerequisite courses. See major advisor for clarification of these courses Refer to BS in Geosciences in the 2011-12 Online Catalog: Option in Physical Science Education for program details. Apply to graduate one year prior to anticipated graduation date.
GEOS 300 (WP) (FA) [*C-] 3	CHEM 440 (SP) 3	
GEOS 306 (FA) 4	PHYS 360 [*R] 3	
GE Area C 3	GE Area C 3	
POLS 155 or HIST 130 3	GE Area D 3	
Total Units: 17	Total Units: 15	
Seventh Semester	Eighth Semester	
GEOS 321 (FA) 3	GEOS 341 3	It is recommended that you meet your Diversity requirements (USD and GC) within General Education Consider fulfilling elective units with credential program prerequisite courses. See major advisor for clarification of these courses Refer to BS in Geosciences in the 2011-12 Online Catalog: Option in Physical Science Education for program details. Apply to graduate one year prior to anticipated graduation date.
GE Area D 3	CHEM 411 (SP) 3	
GE UD Theme 3	GE UD Theme or Elective [*THM-R] 3	
GE UD Theme 3	Elective 3	
Elective 3	Elective (0-2 units as needed) 0-2	
Total Units: 15	Total Units: 12-14	

(Consult the 2011-2012 University Catalog for official degree program)

Approved: 07/11/2011