

California State University, Chico  
**MAJOR ACADEMIC PLAN (MAP)**

Major: **The Bachelor of Science in Chemistry**  
 Option:  
 Pattern:

**Degree Units: 128**  
**Major Units: 70-72**  
**Elective Units: 15-17**

| First Semester           |              | Second Semester                |              | Comments   |
|--------------------------|--------------|--------------------------------|--------------|--|
| CHEM 111 (GE B1) [*C-]   | 4            | CHEM 112 [*C-]                 | 4            | [*C-] C- or Better is required.  |
| MATH 120 (GE A4) [*C-]   | 4            | PHYS 204A [*C-]                | 4            |  |
| GE Area A [*C-]          | 3            | MATH 121 [*C-]                 | 4            | <div style="background-color: #8B4513; color: white; text-align: center; padding: 2px; margin-bottom: 5px;"><b>Notes</b></div> <b>Transfer Students: It is recommended that you review your Degree Progress Report (DPR) in your Student Center, meet with your Major Department Advisor, and meet with an Academic Advisor in SSC 220 to review General Education, Major, and Graduation requirements.</b><br><br>It is recommended that you meet with your major advisor early in your academic career.<br><br>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.<br><br>Select a GE Capstone Course in your Upper-Division Pathway, or substitute an approved Major Capstone course from the GE Capstone Requirement.<br><br>Consider meeting the United States Diversity and Global Cultures requirements within GE courses.<br><br>Apply to graduate one year before anticipated graduation date. |
| GE Area A [*C-]          | 3            | GE Area A [*C-]                | 3            |  |
| GE B2                    | 3            | Elective                       | 1            |  |
| <b>Total Units:</b>      | <b>17</b>    | <b>Total Units:</b>            | <b>16</b>    |  |
| Third Semester           |              | Fourth Semester                |              |  |
| CHEM 270 [*C-]           | 4            | CHEM 320                       | 4            |  |
| MATH 220                 | 4            | CHEM 370 [*C-]                 | 3            |  |
| PHYS 204C                | 4            | CHEM 370M (SP)                 | 2            |  |
| GE Area D                | 3            | PHYS 204B                      | 4            |  |
| GE Area E                | 3            | GE Area C                      | 3            |  |
| <b>Total Units:</b>      | <b>18</b>    | <b>Total Units:</b>            | <b>16</b>    |  |
| Fifth Semester           |              | Sixth Semester                 |              |  |
| CHEM 331 (FA)            | 3            | CHEM 332 (SP)                  | 3            |  |
| CHEM 361 (FA)            | 2            | CHEM 362 (SP)                  | 2            |  |
| CHEM 381 (WP) (FA) [*C-] | 3            | CHEM 382 (SP)                  | 2            |  |
| GE Area D                | 3            | GE Area C                      | 3            |  |
| HIST 130 or POLS 155     | 3            | GE UD Pathway                  | 3            |  |
| Elective                 | 1            | Elective                       | 3            |  |
| <b>Total Units:</b>      | <b>15</b>    | <b>Total Units:</b>            | <b>16</b>    |  |
| Seventh Semester         |              | Eighth Semester                |              |  |
| CHEM 420 (FA)            | 2            | CHEM 400 (SP)                  | 1            |  |
| CHEM 483 (FA)            | 2            | CHEM 451                       | 3            |  |
| Chemistry Selection BS   | 1-3          | GE UD Pathway                  | 3            |  |
| GE UD Pathway            | 3            | Elective                       | 3            |  |
| HIST 130 or POLS 155     | 3            | Elective                       | 3            |  |
| Elective                 | 3            | Elective (1-3 units as needed) | 1-3          |  |
| <b>Total Units:</b>      | <b>14-16</b> | <b>Total Units:</b>            | <b>14-16</b> |  |

*(Consult the 2012-2013 University Catalog for official degree program)*

Approved: 05/21/2012