Baccalaureate Degree (Minimum 124 Credits)  
Cumulative “2.0” or Better Required for Graduation  

Worksheet for SEC. EDUC. GENERAL SCIENCE, B.S.  
Depts. of Education and Physical Sciences

**COMMON CORE:**  
- Analytical Reading/Writing  
- Academic Writing  
- Human Communication  
- Information Literacy  
- Cr. Think./Pr. Solv. Math  
- Physical Education (2 crs.)

**AREA DISTR. REQUIREMENTS:**  
- Fine Arts & Humanities  
- Social & Behav. Sciences  
- Laboratory Sciences

**SATISFIED BY MAJOR REQUIREMENTS**

**IV. Am./West. Civ., Am. Govt:**  
- 6 Credits

**ELECTIVE COURSES:**  
- 7 Credits

<table>
<thead>
<tr>
<th>DISCIP. CERT. REQ.</th>
<th>38-43 Credits</th>
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<tbody>
<tr>
<td>General Chemistry I</td>
<td>CHM134</td>
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<tr>
<td>General Chemistry II</td>
<td>CHM136</td>
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<tr>
<td>General Physics I</td>
<td>PHY110</td>
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<tr>
<td>General Physics II</td>
<td>PHY112</td>
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<tr>
<td>Engineering Physics</td>
<td>PHY160</td>
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<tr>
<td>Engineering Physics</td>
<td>PHY162</td>
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<tr>
<td>Earth/Space Science</td>
<td>ESS152</td>
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<tr>
<td>Biology I</td>
<td>BIO150</td>
</tr>
<tr>
<td>Intro to Geography</td>
<td>G243</td>
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</tbody>
</table>

*Plus ONE of the following courses:*
- IFS105  
- IFS275  
- MAT230

*Plus ONE of the following mathematics courses:*
- MAT150  
- MAT171  
- MAT172  
- MAT250  
- MAT260  
- MAT271

**CONCENTRATION COURSES:**  
- Biology:
  - BIO120  
  - BIO124  
  - BIO152  
  - BIO210  
  - BIO212  
  - BIO220  
  - BIO240  
  - BIO302  
  - BIO304  
  - BIO308  
  - BIO330  
  - BIO350  
  - BIO370

- Chemistry:
  - CHM102  
  - CHM234  
  - CHM236  
  - CHM336  
  - CHM338  
  - CHM344  
  - CHM346  
  - CHM350

**Physics:**
- ME250  
- ME252  
- ME284  
- PHY160  
- PHY260  
- PHY262

**Professional Semester:**  
- 12 Credits

- *Pre-Professional Educator Status (PPES)*
  - 15 Credits
  - Intro. American Educ. ♦ EDU200
  - Instructional Technology ♦ EDU210
  - General Psychology ♦ PSY100
  - MAT111 (Signed) Faculty Advisor
  - MAT250 (Signed) Dept Chair

- Student Teaching ♦ SE404
  - Teaching Strategies ♦ SE351
  - TEAING Sec. Ed. Science ♦ SE354
  - Community/Legal Issues ♦ SE402
  - Effective Ins'tl Methods ♦ SE300
  - Literacy Development ♦ SE301

**Professional Prep. Courses:**  
- 18 Credits

- Intro. to Geography ♦ G243
  - Chemistry ♦ CHM102  
  - CHM234  
  - CHM236  
  - CHM336  
  - CHM338  
  - CHM344  
  - CHM346  
  - CHM350  

- Biology ♦ BIO150
  - Introduction to Geography ♦ G243

- Intro. American Educ. ♦ EDU200
  - Intro. to Geography ♦ G243
  - General Chemistry I ♦ CHM134
  - General Chemistry II ♦ CHM136
  - General Physics I ♦ PHY110
  - General Physics II ♦ PHY112

**SPE Processes & Procedures**
- 15 Credits
  - Intro. American Educ. ♦ EDU200
  - Intro. to Geography ♦ G243
  - Biology ♦ BIO150
  - Instructional Technology ♦ EDU210

**ELECTIVE COURSES:**  
- 7 Credits

**III. Laboratory Sciences**

- 6 Credits

**IV. Am./West. Civ., Am. Govt.**

- 6 Credits

**V. Int'l. Studies/For. Lang.**

- 6 Credits

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