## 2013-2014 Academic Year

**Baccalaureate Degree (Minimum 122 Credits)**

**Worksheet for SEC. EDUC. GENERAL SCIENCE, B.S.**

**Name _____________________________**

Cumulative “2.0” or Better Required for Graduation

Depts. of Education and Physical Sciences

<table>
<thead>
<tr>
<th>COMMON CORE</th>
<th>14 Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Analytical Reading/Writing</td>
<td>WRT102</td>
</tr>
<tr>
<td>Academic Writing</td>
<td>WRT202</td>
</tr>
<tr>
<td>Human Communication</td>
<td>CM104</td>
</tr>
<tr>
<td>Cr. Think./Pr. Solv. Math</td>
<td>MAT111</td>
</tr>
<tr>
<td>Physical Education (2 crs.)</td>
<td></td>
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</tbody>
</table>

### AREA DISTRIBUTION REQUIREMENTS

1. **Fine Arts & Humanities**
   - 6 Credits
   - ____________________ _______ _____
   - ____________________ _______ _____

2. **Social & Behav. Sciences**
   - SATISFIED BY MAJOR REQUIREMENTS

3. **Laboratory Sciences**
   - SATISFIED BY MAJOR REQUIREMENTS

**CONCENTRATION COURSES:** (6-10 Crs.)

**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
- ME264
- PHY160
- PHY260
- PHY262
- PSC102

**DISCIPL. CERT. REQ.:** 38-43 Credits

- General Chemistry I | CHM134
- General Chemistry II | CHM136
- General Physics I | PHY110
- General Physics II | PHY112
- Engineering Physics | PHY160
- Engineering Physics | PHY162
- Earth/Space Science | ESS152
- Biology I | BIO150
- Introduction to Geography | G243

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

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

**These courses may be taken prior to:**

- Pre-Professional Educator Status (PPES)
  - 15 Credits
    - Intro. American Educ. | EDU200
    - Instructional Technology | EDU210
    - Psy. Teaching/Learning/Sec. | EDU375
    - General Psychology | PSY100
    - SPE Processes & Procedures | SPE200

**Cons. Professional Prep. Courses:**

- 18 Credits
  - Instructional Needs of ELL | EDU335
  - Teaching Strategies | SE351
  - Teaching Sec. Ed. Science | SE354
  - Community/Legal Issues | SE460
  - Effective Instl Methods | SPE300
  - Literacy Development | SPE301

**Professional Semester:**

- 12 Credits
  - 3.0 GPA prerequisite for prof. semester
  - Student Teaching | SE495
  - **OR**
  - Focused Studies | SE480
  - Pract. in Student Teaching | SE485
  - Selected Topics in Education | SE490

**Professional Semester:**

- **3.0 GPA prerequisite for prof. semester**
  - Student Teaching
  - Dir. Prof. Educational Exp. | SE475
  - **OR**
  - Focused Studies
  - Pract. in Student Teaching
  - Selected Topics in Education

**CONCENTRATION COURSES:**

- Biology:
  - BIO120
  - BIO124
  - BIO152
  - BIO210
  - BIO212
  - BIO220
  - BIO240
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  - ME250
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  - ME264
  - PHY160
  - PHY260
  - PHY262
  - PSC102

**Course must be taken at YCP.**
- A grade of “2.0” or better is required in each course.
- To be taken semester before student teaching.

**All courses must be completed with a minimum “2.0” grade. Courses may not be taken on a pass/fail basis.**

**A minimum of 12 credits of the Area Distribution Requirements must be at the 200-level or above. Courses may not be taken on a pass/fail basis. See Registrar’s Office for official list of courses.**

**Six credits are to be taken in one of these two areas; if foreign language is selected, six credits must be in one language.**

**Requirements listed apply to students who matriculate into or declare this major during the 2013-2014 academic year.**

**Advancement to PPES requires successful completion of WRT102, WRT202, MAT111, 2nd math course, EDU200 and EDU210 with a minimum grade of “3.0” in each course and successful completion of the PRAXIS I or PAPA exams.**

**One area of specialization is to be chosen. At least three credit hours in the specialization must be at the 200 level or higher, except that PHY160 and PHY162 can be taken as a concentration in Physics if these courses are NOT used to satisfy Disciplinary Certification Requirements.**

**Students electing Alternate Program must have prior approval from Advisor and Department Chair of Education.**

* A grade of “2.0” or better is required in each course.

+ To be taken semester before student teaching.

**Signed** Faculty Advisor Date

**Signed** Dept. Chair Date