**EAST CENTRAL UNIVERSITY**

**CHEMISTRY - B.S.**

**0100/UG14**

**Advisor __________________________**

---

**Student’s Name** __________________________  **ID No. __________**

**DEGREE CHECK INCLUDES CURRENT ENROLLMENT**

<table>
<thead>
<tr>
<th>Work in progress</th>
<th>2.0 minimum required in the following areas:</th>
<th>Work lacking:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>ECU Avg ______ Rtn Avg __________</td>
<td>Major _______(inc A/C and Related Work)</td>
</tr>
<tr>
<td></td>
<td>Major ECU Avg __________</td>
<td>Minor _______(incl Rel Wk)</td>
</tr>
<tr>
<td></td>
<td>Minor Overall Avg __________</td>
<td>Prof Educ ________</td>
</tr>
<tr>
<td></td>
<td>Minor Overall Avg __________</td>
<td>Comp Prof ___ met ___ not met</td>
</tr>
<tr>
<td></td>
<td>Minor ECU Avg __________</td>
<td>Serv Lrng ___ met ___ not met</td>
</tr>
</tbody>
</table>

---

**REQUIREMENTS**

**I. General Education (45 HOURS)**

11 hours (BIOL 1214 or 1314, CHEM 1114 and MATH 1513) counted in the Major

Other hours needed 34

**II. Major in Chemistry**

32

- **A. Required General Education**
  - CHEM 1114 General Chemistry I 4

- **B. Required in the Chemistry Major**
  - CHEM 1214 General Chemistry II 24
  - CHEM 3114 Organic Chemistry I
  - CHEM 3214 Quantitative Analysis I
  - CHEM 3484 Instrumental Analysis
  - CHEM 4114 Organic Chemistry II
  - CHEM 4514 Physical Chemistry I

- **C. Required Chemistry Electives**
  - CHEM 4414 Advanced Inorganic Chemistry 4
  - CHEM 4614 Physical Chemistry II

**III. Related Work**

- **A. Required General Education**
  - MATH 1513 College Algebra 4-7

  Select one of the following:
  - BIOL 1214 General Botany
  - BIOL 1314 General Zoology

- **B. Required Related Work**
  - PHYS 1114 General Physics I OR 18-23
    - PHYS 2115 Engineering Physics I
  - PHYS 1214 General Physics II OR
  - PHYS 2225 Engineering Physics II
  - MATH 1713 Trigonometry

**IV. Minor (Required)**

16-21

The minor with the chemistry major must be biology, environmental health science, mathematics or physics.

**V. Electives**

7-20

**VI. Total Hours Required**

124

**VII. Special Requirements**

With departmental approval, students may omit MATH 1513 and MATH 1713 and begin with MATH 2825.

“Teachers” or “methods” courses do not count in the major.

The OSRHE computer proficiency graduation requirement will be met through completion of one of the courses in the institution’s general education computer literacy option (including equated or substituted courses) or testing out of the challenge exam for one of these courses (all courses may not have challenge exams), OR successful completion of an Associate of Arts or Associate of Science degree at an Oklahoma two-year college in which the computer skills requirement was met. Satisfaction of this requirement may not reduce or remove any program requirements.

Students beginning at East Central University in the fall 2007 semester or later who have earned less than sixty-four semester hours are required to take two classes with designated service-learning component. Students transferring to ECU for the first time in the fall 2007 semester or later with sixty-four or more semester hours will be required to take one class with a service-learning component.

---

**MINOR ______________________________**