

CHEMISTRY - B.S.  
0100/UG07-UG12

Advisor \_\_\_\_\_

Student's Name \_\_\_\_\_ ID No. \_\_\_\_\_

**DEGREE CHECK INCLUDES CURRENT ENROLLMENT**

Checked by _____ Date _____	Work in progress _____	
Required:	2.0 minimum required in the following areas:	Work lacking:
124 total hours _____ completed	ECU Avg _____ Rtn Avg _____	Major _____ (inc A/C and Related Work)
30 hrs @ ECU _____ completed	Major Overall Avg _____	Minor _____ (incl Rel Wk)
(15 of last 30 must be at ECU) _____	Major ECU Avg _____	Prof Educ _____
60 hrs @ Sr College _____ completed	Minor Overall Avg _____	General Educ _____
40 hrs upper level _____ completed	Minor ECU Avg _____	Comp Prof _____ met _____ not met
HS Curricular Req _____ met _____ not met		Serv Lrng _____ met _____ not met

**REQUIREMENTS**

**HOURS**

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**HOURS**

**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 4**  
\_\_\_ CHEM 1114 General Chemistry I

**B. Required in the Chemistry Major 24**  
\_\_\_ CHEM 1214 General Chemistry II  
\_\_\_ 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 4**  
Select one of the following:  
\_\_\_ CHEM 4414 Advanced Inorganic Chemistry  
\_\_\_ CHEM 4614 Physical Chemistry II

**III. Related Work 22-28**

**A. Required General Education 4-7**  
\_\_\_ MATH 1513 College Algebra  
Select one of the following:  
\_\_\_ BIOL 1214 General Botany  
\_\_\_ BIOL 1314 General Zoology

**B. Required Related Work 18-21**  
\_\_\_ PHYS 1114 General Physics I  
\_\_\_ PHYS 1214 General Physics II  
\_\_\_ MATH 1713 Trigonometry  
\_\_\_ MATH 2825 Calculus & Analytic Geometry I  
\_\_\_ MATH 3025 Calculus & Analytic Geometry II

**C. Recommended Related Work**  
Geology, additional physics, biology (not BIOL 1114), and computer science

**IV. Minor (Required) 16-21**  
The minor with the chemistry major must be biology, environmental health science, mathematics or physics.

**V. Electives 9-20**

**VI. Total Hours Required 124**

**VII. Special Requirements**

Note: Student having had Trigonometry in high school, may, with department approval, omit MATH 1713. Student with 4 years mathematics in high school may, with department approval, omit MATH 1513 and 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** \_\_\_\_\_

_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____