

CHEMISTRY - B.S.
0100/UG16

Advisor _____

Student's Name _____ ID No. _____

DEGREE CHECK INCLUDES CURRENT ENROLLMENT

Checked by _____ Date _____
 Required:
 124 total hours _____ completed
 30 hrs @ ECU _____ completed
 (15 of last 30 must be at ECU) _____
 60 hrs @ Sr College _____ completed
 40 hrs upper level _____ completed
 HS Curricular Req ___ met ___ not met

Work in progress _____
 2.0 minimum required in the following areas:
 ECU Avg _____ Rtn Avg _____
 Major Overall Avg _____
 Major ECU Avg _____
 Minor Overall Avg _____

Work lacking:
 Major _____ (inc A/C and Related Work)
 Minor _____ (incl Rel Wk)
 Prof Educ _____
 General Educ _____

REQUIREMENTS

HOURS

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HOURS

I. General Education (44 HOURS)

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

Other hours needed **33**

II. Major in Chemistry 37-38

A. Required General Education 4

___ CHEM 1114 General Chemistry I

B. Required in the Chemistry Core 16

___ CHEM 1214 General Chemistry II

___ CHEM 3114 Organic Chemistry I

___ CHEM 3214 Quantitative Analysis I

___ CHEM 4114 Organic Chemistry II

C. Required in the Chemistry Major 14

___ CHEM 3484 Instrumental Analysis

___ CHEM 4213 Biochemistry

___ CHEM 4413 Advanced Inorganic Chemistry

___ CHEM 4514 Physical Chemistry I

D. Required Electives 3-4

At least 3 hours from the following:

___ CHEM 4221 Biochemistry Laboratory

___ CHEM 4421 Adv Inorganic Chemistry Lab

___ CHEM 4614 Physical Chemistry II

___ CHEM 4981-4 Seminar in Chemistry (Subject named in title listing)

___ CHEM 4991-4 Individual Study in Chemistry (Subject named in title listing)

III. Related Work 22-30

A. Required General Education 4-7

___ MATH 1513 College Algebra

___ BIOL 1114 General Biology

B. Required Related Work 18-23

___ PHYS 1114 General Physics I **OR**

___ PHYS 2115 Engineering Physics I

___ PHYS 1214 General Physics II **OR**

___ PHYS 2225 Engineering 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 2-16

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.

MINOR _____

