

EAST CENTRAL UNIVERSITY

**BIOLOGY - B.S.
CLINICAL LABORATORY SCIENTIST CONCENTRATION
004A/UG18**

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 _____
 Comp Prof ___ met ___ not met

REQUIREMENTS

HOURS

REQUIREMENTS

HOURS

I. General Education (44 HOURS)

*11 hours (BIOL 1114, CHEM 1114, and MATH 1513 or 2825)
 counted in the Major*

Other hours needed **33**

II. Major in Biology

62-63

A. Required General Education

4

___ BIOL 1114 General Biology

B. Required in the Biology Core

16

___ BIOL 1214 General Botany
 ___ BIOL 1314 General Zoology
 ___ BIOL 3434 Genetics
 ___ BIOL 3634 Human Physiology

**C. Required for Concentration in Clinical
 Laboratory Scientist**

42-43

___ BIOL 2344 Microbiology
 ___ BIOL 3683 Immunology
 ___ BIOL 4881 Biology Senior Seminar
 ___ MEDTE 4117 Clinical Microbiology
 ___ MEDTE 4125 Clinical Chemistry I
 ___ MEDTE 4236 Clinical Hematology
 ___ MEDTE 4246 Clinical Immunology/Immunoematology
 ___ MEDTE 4325 Clincial Chemistry II
 ___ MEDTE 4351 Topics in Med Tech
 One of the following
 ___ BIOL 2184 Human Anatomy
 ___ BIOL 3245 Comparative Vertebrate Anatomy

III. Related Work

19-21

A. Required General Education

7-9

___ CHEM 1114 General Chemistry I
 ___ MATH 1513 College Algebra **OR**
 ___ MATH 2825 Calculus and Analytic Geometry I

B. Related Work Required

12

___ CHEM 1214 General Chemistry II
 ___ CHEM 3114 Organic Chemistry I
 ___ CHEM 4213 Biochemistry
 ___ CHEM 4221 Biochemistry Lab

IV. Minor (Not Required)

V. Electives

7-10

VI. Total Hours Required

124

VII. Special Requirements

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

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.

