

EAST CENTRAL UNIVERSITY
BIOLOGY - B.S.
HEALTH SCIENCES CONCENTRATION
004C/UG19

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

I. General Education (44 HOURS)

14 hours (BIOL 1114, MATH 1513 or 2825, PHYS 1114 and PSYCH1113) counted in the Major

Other hours needed **30**

II. Major in Biology **45-48**

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 Health Science **16-17**

____ BIOL 2184 Human Anatomy OR
 ____ BIOL 3245 Comparative Vertebrate Anatomy
 ____ BIOL 2344 General Microbiology
 ____ BIOL 4313 Cell and Molecular Biology
 ____ BIOL 4414 Ecology
 ____ BIOL 4881 Biology Senior Seminar

D. Required Electives **9-11**
 Three of the following:

____ BIOL 2113 Medical Terminology
 ____ BIOL 3013 Research Methods and Bioethics
 ____ BIOL 3254 Medical Entomology
 ____ BIOL 3623 Biochemistry of Human Disease
 ____ BIOL 3654 Histology
 ____ BIOL 3683 Immunology
 ____ BIOL 4113 Vertebrate Embryology
 ____ BIOL 4553 Pathogenic Microbiology

REQUIREMENTS

HOURS

III. Related Work **29-31**

A. Required General Education **10-12**

____ MATH 1513 College Algebra **OR**
 ____ MATH 2825 Calculus and Analytic Geometry I
 ____ PHYS 1114 General Physics I
 ____ PSYCH 1113 General Psychology

B. Related Work Required **19**

____ CHEM 1114 General Chemistry I
 ____ CHEM 1214 General Chemistry II
 ____ CHEM 3114 Organic Chemistry I
 ____ PHYS 1214 General Physics II

One of the following:

____ EHS 3703 Biostatistics & Envir Calculations
 ____ MATH 1223 Intro to Probability and Statistics
 ____ PSYCH 3833 Behavioral Science Statistics
 ____ SOC 3833 Statistics for Social Sciences

IV. Minor (Not Required)

V. Electives **15-20**

VI. Total Hours Required **124**

VII. Special Requirements

"Teachers" or "methods" courses do not count in 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.