

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
 33 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)

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

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 Three of the following:
 ___ BIOL 2113 Medicinal 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

III. Related Work 26-28

A. Required General Education 7-9
 ___ MATH 1513 College Algebra **OR**
 ___ MATH 2825 Calculus and Analytic Geometry I
 ___ PHYS 1114 General Physics I

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
 ___ MATH 1223 Intro to Probability and Statistics
 ___ PSYCH 3833 Behavioral Science Statistics
 ___ SOC 3833 Statistics for Social Sciences

IV. Minor (Not Required)

V. Electives 5-7

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.