

EAST CENTRAL UNIVERSITY

**BIOLOGY - B.S.
ECOLOGY CONCENTRATION
004B/UG22**

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
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REQUIREMENTS

HOURS

I. General Education (44 HOURS)

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

Other hours needed 33

II. Major in Biology 58

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 3514 General Physiology **OR**
- ___ BIOL 3634 Human Physiology

C. Required for Concentration in Ecology 22

- ___ BIOL 2002 Introductory Research Experience
- ___ BIOL 3245 Comparative Vertebrate Anatomy
- ___ BIOL 3934 Limnology
- ___ BIOL 4123 Evolution
- ___ BIOL 4323 Experimental Design in Biological Science
- ___ BIOL 4414 Ecology
- ___ BIOL 4881 Senior Seminar

D. Required Electives 16

Sixteen hours elective courses in Biology with a minimum of 12 hours in 3000-4000 level courses. (not BIOL 4473, 4513, 4713).

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.

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