

EAST CENTRAL UNIVERSITY

BIOLOGY - B.S.
ECOLOGICAL CONCENTRATION
004B/UG20

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

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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 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.

