

East Central University
 BIOLOGY- ECOLOGY Conc.
 Major Code=004B

Student Name: _____	Student ID # _____
30 hours at ECU completed	Advisor: _____
60 hours at Sr college completed	
40 hours upper level completed	OSRHE Computer Proficiency Requirement met

Requirements	Hours	Requirements	Hours
<i>Courses highlighted in blue are general education courses.</i>			
I. General Education	40	III.	Required Related Work
		CHEM 1114	General Chemistry I
		CHEM 1214	General Chemistry II
		CHEM 3114	Organic Chemistry I
		MATH 1513	College Algebra † OR
		MATH 2825	Calculus and Analytic Geometry I
		PHYS 1114	General Physics I
		PHYS 1214	General Physics II
			<i>Choose one of the following:</i> 3
		EHS 3703	Biostatistics
		MATH 1223	Intro. To Probability and Statistics
		PSYCH 3833	Behavioral Science Statistics
		SOC 3833	Stats for Social Sciences
II. Major in Biology: Ecology	57	IV.	Electives
			6-9
		An elective course is any college-level course not required by the degree that is utilized to reach the 120 credit hours required for degree completion. Elective courses are chosen according to the interest of the student and can be used in completion of a minor, certificate, or additional major.	
A. Required in Biology Core	20	V.	Total Hours
BIOL 1114			120
BIOL 1214		VI.	Special Requirements
BIOL 1314		Teachers or methods courses do not count in this major	
BIOL 3434		† With department approval, students may omit MATH 1513 and begin with MATH 2825.	
BIOL 3514			
BIOL 3634			
B. Required in Ecology Concentration	21		
BIOL 2002			
BIOL 3245			
BIOL 3934			
BIOL 4123			
BIOL 4323			
BIOL 4414			
BIOL 4881			
C. Required Electives	16		
16 hrs elective courses in biology with minimum of 12hrs in 3000-4000 level courses (NOT BIOL 4473, 4713)			