

East Central University
BIOLOGY- Health Science Conc.
Major Code=004C

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	Hours
I. General Education	40	III. Required Related Work
		29

A maximum of twelve hours may be counted in both the major/related work and general education.

Courses highlighted in blue are general education courses.

II. Major in BIOLOGY (Health Science Conc) **43-48**

A. Required in Biology Core 19

BIOL	1114	General Biology I
BIOL	1134	General Botany II
BIOL	3434	Genetics

One of the following

BIOL	3514	General Physiology OR
BIOL	3634	Human Physiology
BIOL	4883	Biology Senior Seminar

B. Required in Health Science Conc. 15-17

BIOL	2184	Human Anatomy OR
BIOL	3245	Comparative Vertebrate Anatomy
BIOL	2344	General Microbiology
BIOL	4313	Cell and Molecular Biology
BIOL	4414	General Ecology OR
BIOL	4545	Advanced Molecular Biology

C. Required Electives 9-12

Choose 3 of the following:

BIOL	2113	Medical Terminology
BIOL	3013	Research Methods and Bioethics
BIOL	3034	Medical Botany
BIOL	3114	Epidemiology
BIOL	3254	Medical Entomology
BIOL	3623	Biochemistry of Human Disease
BIOL	3654	Histology
BIOL	3683	Immunology
BIOL	4113	Vertebrate Embryology
BIOL	4203	Community Health
BIOL	4503	Chronic Disease and Global Health
BIOL	4553	Pathogenic Microbiology

CHEM	1114	General Chemistry I
CHEM	1214	General Chemistry II
CHEM	3114	Organic Chemistry I
MATH	1513	College Algebra
PHYS	1114	General Physics I
PHYS	1214	General Physics II
PSYCH	1113	General Psychology

one of 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) 0

V. Electives 15-20

VI. Total Hours Required 120

VII. Special Requirements

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

With department approval, students may omit MATH 1513 and begin with MATH 2825.

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.