



Sample Schedule for B.S. in Biology

PRE-PROFESSIONAL-Pre-Med, Pre-Dental, etc.

Freshman Year, Fall Semester

	Course Prefix	Course Number	Course Name
	BIO	1204	General Biology for Majors
	MATH	1513	College Algebra
	ENG	1113	English Composition
	CHEM	1103	General Chemistry I
	CHEM	1112	General Chemistry I Rec/Lab

Total = 15

Freshman Year, Spring Semester

	Course Prefix	Course Number	Course Name
	BIO	1404	Animal Biology
	CHEM	1223	General Chemistry II
	CHEM	1232	General Chemistry II Rec/Lab
	ENG	1213	English Comp. & Research
	MATH	1593	Plane Trigonometry

Total = 15

Sophomore Year, Fall Semester

	Course Prefix	Course Number	Course Name
	BIO	1304	Plant Biology
	PHY	1114	General Physics I and Lab
	HLTH	1112	Healthy Lifeskills
	HUM	XXX3	Aesthetic Analysis
	HIST	1483/1493	History to 1877 or History Since 1877

Total = 17

Sophomore Year, Spring Semester

	Course Prefix	Course Number	Course Name
	BIO	2203	Cell Biology
	PHY	1214	General Physics II and Lab
	BIO	2263	Environmental Biology
	PHIL	XXX3	Critical Inquiry
	COMM	1113	Fundamentals of Speech

Total = 16

Junior Year, Fall Semester

	Course Prefix	Course Number	Course Name
	BIO	2604	Human Physiology
	CHEM	3303	Organic Chemistry I
	CHEM	3312	Organic Chemistry I Lab
	POL	1113	American National Government
	BIO	2314	Introductory Microbiology & Lab

Total = 16

Junior Year, Spring Semester

	Course Prefix	Course Number	Course Name
	BIO	XXX3	Biology Elective
	BIO	3304	Genetics and Lab
	CHEM	3323	Organic Chemistry II
		XXX3-4	Cultural and Language Analysis

MCAT or DAT Prep!!!!

Total = 13-14

Senior Year, Fall Semester

	Course Prefix	Course Number	Course Name
	CHEM	3403	Biochemistry I
	BIO	XXX4	Biology Elective
		XXX3	Social and Behavioral Analysis
		XXX5-6	Free Electives

Total = 15-16

Senior Year, Spring Semester

	Course Prefix	Course Number	Course Name
	BIO	XXX4	Biology Elective
		XXX4	Biology Elective
		XXX3	Elective Life Skills
		XXX5	Free Elective

Total = 16

At least forty (40) credit hours of work applied toward all bachelor's degrees must be from upper division (3/4000) level courses. There are 28 hours of 3/4000 level courses available in the major, 3 hours are available in the university core. In order to satisfy the forty (40) hour 3/4000 level requirement, students will need to choose electives at the upper level.

Anne L. Ewing, Ph.D.  
Assistant Professor and Health Professions Advisor  
Department of Biology  
University of Central Oklahoma  
100 N. University Drive  
Edmond, Oklahoma 73034-5209  
aewing2@ucok.edu  
(405) 974-5733 or (405) 974-5911