



College of Agricultural Sciences and Natural Resources

Degree/Major: BSAG Biochemistry and Molecular Biology **Option:** Pre-Medical or Pre-Veterinary Science

Academic Year: 2014-15

Proposed* Four-Year Degree Plan

Year One					
Fall Semester			Spring Semester		
ENGL	1113	Freshman Composition I	ENGL	1213	Freshman Composition II
AG	1011	Orientation	CHEM	1515	General Chemistry II
BIOC	1990	Freshman Research in Biochemistry	MATH	2153	Calculus II
CHEM	1314	General Chemistry I	POLS	1113	American Government
MATH	2144	Calculus I			
HIST	1103	Survey of American History			
Total: 16 credit hours			Total: 14 credit hours		
Year Two					
Fall Semester			Spring Semester		
CHEM	3053	Organic Chemistry I	CHEM	3153	Organic Chemistry II
BIOL	1114	Introductory Biology	CHEM	3112	Organic Chemistry Lab
ANSI	1124	Introduction to the Animal Sciences	ZOOL	1604	Animal Biology
PHIL	1213	Philosophies of Life	AGEC	1113	Introduction to Agricultural Economics
			ENGL	2413	Introduction to Literature
Total: 14 credit hours			Total: 15 credit hours		
Year Three					
Fall Semester			Spring Semester		
BIOC	3713	Biochemistry I	BIOC	3813	Biochemistry II
PHYS	1114	General Physics	PHYS	1214	General Physics
MICR	2123	Introduction to Microbiology	BIOC	3723	Analytical Biochemistry and Mol Bio Lab
MICR	2132	Introduction to Microbiology Lab	BIOL	3023	General Genetics
SPCH	2713	Introduction to Speech Communicatio	ENGL	3323	Technical Writing
Total: 15 credit hours			Total: 16 credit hours		
Year Four					
Fall Semester			Spring Semester		
BIOC	4113	Molecular Biology	BIOC	4883	Senior Seminar in Biochemistry
ZOOL	3204	Physiology	BIOC	4523	Biochemistry of the Cell
GEOG	1113	Introduction to Cultural Geography	BIOC	4224	Physical Chemistry for Biologists
PSYC	1113	Introduction to Psychology	ZOOL	2104	Human Anatomy
MICR	3223	Advanced Microbiology			
Total: 16 credit hours			Total: 14 credit hours		

*This plan is an example of how a student may successfully complete degree requirements in four years. Students are responsible for completing requirements in the official degree sheet for each major. It is mandatory for a student to meet with an academic advisor prior to course enrollment each semester.