

# FINISH IN FOUR

**College:** Ferguson College of Agriculture **Degree/Major:** BSAG/BIMB **Option:** BIOT **Academic Year:** 2023-24

**Hours:** 120

## Proposed\* Four-Year Degree Plan

\*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. Students must meet all general education and Ferguson College of Agriculture requirements.

Year One					
Fall Semester			Spring Semester		
ENGL	1113	Freshman Composition I	CHEM	1515	Chemistry II (LN)
	3 hrs	Humanities & International Course (HI)	BIOL	1113	Introductory Biology (N)
CHEM	1314	Chemistry I (LN)	BIOL	1111	Introductory Biology Lab (LN)
MATH	1813	Preparation for Calculus I (A)	STAT	2013	Elementary Statistics (A)
AG	1011	Orientation to FCOA	ENGL	1213	Freshman Composition II
BIOC	1990	Freshman Research in Biochem (1 hr)			
Total: 15 credit hours			Total: 15 credit hours		

Year Two					
Fall Semester			Spring Semester		
CHEM	3053	Organic Chemistry I	CHEM	3153	Organic Chemistry II
AGCM	3203	Oral Communications in ASNR (S)	CHEM	3112	Organic Chemistry Lab
BIOL	1604	Animal Biology	AGEC	1113	Intro to Ag Economics (S)
	3 hrs	Gen Ed (A, H, N, or S)	BIOC	2202	Medicine and Molecules
	3 hrs	Humanities & Diversity Course (HD)	HIST	1103	Survey of American History
			BIOC	2352	Fundamental Biochemistry
Total: 16 credit hours			Total: 15 credit hours		

Year Three					
Fall Semester			Spring Semester		
BIOC	3713	Biochemistry I	BIOC	3813	Biochemistry II
BIOC	3223	Physical Chemistry for Biologists	ANSI	3423	Animal Genetics
CHEM	2113	Principles of Analytical Chemistry	MICR	2132	Intro to Microbiology Lab
PHYS	1114	College Physics I (LN)	MICR	2123	Intro to Microbiology
BIOC	4013	Biotech Devel & Implementation	BIOC	3153	Synthetic Biology
Total: 16 credit hours			Total: 14 credit hours		

Year Four					
Fall Semester			Spring Semester		
BIOC	4213	Disease and Metabolism	BIOC	4883	Senior Seminar in Biochemistry
BIOC	4023	Mol Biol & Stress Response of Plants	POLS	1113	American Government
	3 hrs	FC Core Course (Group 1, 2, or 3)	BIOC	3723	Biochem & Molecular Biology Lab
BIOC	4113	Molecular Biology	AGCM	3103	Written Communications in ASNR
BIOC	4990	Undergraduate Research (2 hrs)		3 hrs	Gen Ed (A, H, N, or S)
			BIOC	4990	Undergraduate Research (1 hrs)
Total: 14 credit hours			Total: 15 credit hours		