

BIOTECHNOLOGY OPTION Name: _____

Version 1: Begin in an odd numbered year.

Admission to the Major: 32 credits completed including BIOL 105, 106, with a grade of “C” or better in both; and a minimum cumulative GPA of 2.0.

- The course list below is a suggested four year plan, work with your advisor on your individual plan.
- Check the university class schedule for current course listings.

Recommended Courses	Offered	Courses Completed
Year 1	F= Fall	S=Spring, Su=Summer
Fall		Date:
BIOL 105 Gen Biology (4)	F,S,Su	
MATH 121 Calculus I (4)	F,S	
ENG 101 Composition (4)		
Gen Ed Electives (3)		
Comments: General Education categories 1A, 2, 3, and 4 will be filled by required courses.		
Spring		Date:
BIOL 106 Gen Biology II (4)	F,S,Su	
MATH 122 or Stats(3-4)	F,S	
Writing Intensive Course (4)		
Gen Ed Elective (3-4)		
Comments: You may apply to the major at the end of this semester if 32 credit hours have been completed, including BIOL 105 and 106, with a C or better and a GPA of 2.0 or better.		
Year 2		
Fall		Date:
BIOL 211 Genetics (4)	F,S	
CHEM 201 Gen Chemistry I (5)	F,S	
PHYS 211 Principles of Physics I (4)	F,S	
Gen Ed Electives (2)		
Comments:		
Spring		Date:
BIOL 270 Gen Microbiology (4)	F,S,Su	
CHEM 202 Gen Chemistry II(4)	F,S	
PHYS 212 Principles of Physics II (4)	F,S	
Gen Ed Elective (2)		
Comments:		

Recommended Courses		Courses Completed
Year 3		
Fall		Date:
BIO320 Cell Biology (4)	F	
BIOL 453 Biological Engineering Analysis I (4)	F	
Writing Intensive Course (3)		
Gen Ed Elective (3)		
Comments: Two writing intensive courses (W), in addition to ENG 101, are required for graduation.		
Spring		Date:
BIOL 454 Biological engineering Analysis II (4)	S	
BIOL 452 Biological Instruments(3)		
BIOL 479 Molecular Biology(4)	S	
Gen Ed Elective (4)		
Comments: Apply for graduation one year before your graduation date. 40 credits of upper division courses are required for graduation, including biology courses.		
Year 4		
Fall		Date:
BIOL 474 Immunology (4)	F	
BIOL 456 Biotechnology Project/Laboratory I or 497 Internship I or 499 Individual Study	F	
CHEM 322 Organic Chemistry I (4)	F	
CHEM 323 Suppl Organic Chem (1)	F	
Gold or Purple Course (4)		
Comments: Be sure all general education, diversity, and writing intensive requirements have been met.		
Spring		Date:
BIOL 476 Microbial Physiology and Genetics (5)	S	
BIOL 457 Biotechnology Project/ Laboratory II or 497 Internship I or 499 Individual Study (3)	S	
CHEM 360 Principles of Biochemistry (4)	S	
Purple Course (3)		
Comments:		