

**UNH MANCHESTER  
BACHELOR OF SCIENCE  
BIOTECHNOLOGY  
(128 Credits)**

**For Students Entering  
September 2016**

Name: \_\_\_\_\_ Advisor \_\_\_\_\_

**DISCOVERY PROGRAM**

Discovery Foundations	Course Title/#	Source	Date	Cr.	Grade
Writing (WS) Must be taken within the first 32 credits.					
Quantitative Reasoning (QR) Must be taken within the first 32 credits.					
Inquiry Requirement One Inquiry course: (INQ 444 or INQ attribute) _____ Must be taken within the first 25 credits.					

Discovery Categories					
Biological Science* (BS)					
Physical Science* (PS)					
Environment, Technology and Society (ETS)					
Historical Perspectives (HP)					
World Culture (WC)					
Fine and Performing Arts (FPA)					
Social Science (SS)					
Humanities (HUMA)					

**Writing Intensive Requirement: Course Title/#**

ENGL 401 \_\_\_\_\_ All undergraduates are required to complete four "writing- intensive" courses which must include English 401 (First-Year Writing) and three additional "writing- intensive" courses, one of which must be in the student's major and one must be at the 600-level or above. A student may take a 600/700 level WI course in the major but must still have a total of four WI courses.

WI course in major \_\_\_\_\_

600/700-level WI course \_\_\_\_\_

other WI course \_\_\_\_\_

**\*One of the two sciences (BS, PS) must have a lab.**

### Biotechnology Major Requirements

**Each course required in the major must be completed with a minimum grade of C-. Students must attain a minimum GPA in the major of 2.0. Transfer students must complete 24 credits in major coursework at UNH.**

CORE	Course Title/#	Source	Date	Cr.	Grade
	BIOL 413 Principles of Biology I (May be used to fulfill BS Discovery requirement.)				
	BIOL 414 Principles of Biology II				
	BMS 503 General Microbiology				
	GEN 604 Principles of Genetics				
	BSCI 501 Ethics in Biology				

### SUPPORTING COURSES

Course Title/#	Source	Date	Cr.	Grade
CHEM 403 General Chemistry I (May be used to fulfill PS Discovery requirement.)				
CHEM 404 General Chemistry II				
CHEM 651 Organic Chemistry I				
CHEM 653 Organic Chemistry I Lab				
CHEM 652 Organic Chemistry II				
CHEM 654 Organic Chemistry II Lab				
BMCB 658 Biochemistry				
BMCB 659 Biochemistry Lab				
PHYS 401 or 407 Physics I				
PSYC 402 Statistics in Psychology				
MATH 424B* Calculus for Life Sciences or MATH 425* Calculus I *Based on Math assessment, students may be required to take MATH 301/302 and/or MATH 418 before enrolling in this class. (May be used to fulfill QR Discovery requirement.)				

**ADVANCED BIOLOGY COURSES: Five Advanced Biology Courses at the 600/700 level chosen in consultation with the advisor. At least one course must be selected from each of three categories: Advanced Biology, Laboratory Techniques, and Advanced Microbiology.**

	Course Title/#	Source	Date	Cr.	Grade
<b>Advanced Biology</b> courses (choose at least one): GEN 711W, GEN 714, GEN 771, BMS 705/715, BSCI 620, BSCI 670, BSCI 680, BSCI 692, BSCI 695 (4 cr), BSCI 735					
<b>Laboratory Techniques</b> courses (choose at least one): BMCB 753, BSCI 765, BSCI 766, BSCI 777, CHE 651(BTEC 220 GBCC)					
<b>Advanced Microbiology</b> courses (choose at least one): BMS 601, BMS 602/603, BMS 606, BSCI 737, BSCI 740, BMS 706/708					

**CAPSTONE EXPERIENCE**

	Course Title/#	Source	Date	Cr.	Grade
BSCI 701 Senior Studies				1	
Capstone project: BSCI 792 Research or BSCI 793 Internship or BSCI 795 Independent Study					

**ELECTIVES**


Total Credits