



Master's of Professional Studies: Biotechnology Academic Planning Form

General Information		
Student Name: _____		
Program Director: Dr. Annica Wayman awayman@umbc.edu		
Admission date: _____ Projected Graduation Date: _____		
NOTE: This form serves as unofficial guidance in planning your MPS program. In coordination with the Program Director you may edit or modify your desired courses (where possible & appropriate) at any point while at UMBC.		
Academic Plans and Record (Program requires 10 courses, 30 credits)		
Course	Course Title	Semester Planned
Biotechnology Core Courses (18 credits)		
BTEC 675	Business of Biotech (3 Credits) - Recommended First Course	
BTEC 655	Emerging Topics in Biotechnology Seminar (3 Credits)	
BTEC 656	Experimental Design (3 Credits)	
BTEC 665	Management, Leadership, and Communication (3 Credits)	
BTEC 670	Legal and Ethical Issues in the Science Professions (3 Credits)	
BTEC 654:	Capstone (3 Credits) - Recommended Last Course	
BIOTECHNOLOGY PATHWAYS (Select Any Four Electives (12 Credits))		
Regulatory Electives		
BTEC/ENCH 660:	Regulatory Issues in Biotechnology (3 Credits)	
BTEC/ENCH 662:	Good Manufacturing Practices for Bioprocesses (3 Credits)	
BTEC/ENCH 664:	Quality Control and Quality Assurance for Biotechnology Products (3 Credits)	
BTEC/ENCH 666:	Biotechnology GMP Facility Design, Construction and Validation (3 Credits)	
Bioprocessing Electives		
BTEC 653	Principals of Upstream Processing (3 Credits)	
BTEC 657	Devices and Combination Products (3 credits)	
BTEC 658	Principals of Downstream Processing (3 Credits)	
BTEC 659	Fundamentals of Bioprocess Development (3 Credits)	
BTEC/ENCH 664:	Quality Control and Quality Assurance for Biotechnology Products (3 Credits)	
Special Note: When necessary, please contact Dr. Wayman at awayman@umbc.edu for course permission.		
Note: The Graduate School has a "continuous registration" policy which states you must register each fall and spring semester until you have completed your program of study. If you cannot register but wish to continue in your program you must submit a Leave of Absence (LOA) form to the program. Failure to enroll after two consecutive semesters of LOA, may result in your enrollment being discontinued. You may have to reapply to the Graduate School to continue in the program. (https://gradschool.umbc.edu/students/policies/registration/)		