



Master of Professional Studies: Biotechnology Academic Planning Form

General Information		
Student Name: _____		
Program Director: Dr. Rick Wolf (wolf@umbc.edu)		
Admission date: _____ Projected Graduation Date: _____		
<p>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.</p>		
Academic Plans and Record (Program requires 10 courses, 30 credits)		
Course	Course Title	Semester Planned
Biotechnology Science Courses (15 credits) These courses must be taken in the sequence listed below.		
BTEC 650	Applied Biochemistry	
BTEC 651	Molecular and Cell Biology	
BTEC 652	Molecular Biotechnology	
BTEC 653	Applied Bioprocess Engineering	
BTEC 654	Management, Leadership, and Communication	
BTEC 654	Emerging Topics in Biotechnology (capstone)	
Core Management Required Courses (12 credits) These courses must be taken in the sequence listed below.		
BTEC 660 (1)	Regulatory Issues in Biotechnology	
BTEC 670* (2)	Legal and Ethical Issues in the Science Professions	
BTEC 680* (3)	Financial Management for Science Professionals	
BTEC 665* (4 or 5)	Management, Leadership, and Communication	
Elective Courses (3 credits) Choose from one of the following		
BTEC 690 (4)	Innovation and Technology Entrepreneurship	
BTEC 685* (4 or 5)	Project Management Fundamentals	
BTEC 662 (5)	Good Manufacturing Practices for Bioprocesses	
<p>Special Note: When necessary, please contact Nancy Clements at nancyc@umbc.edu for course permission.</p> <ul style="list-style-type: none"> In order to complete the MPS program within 5 semesters you will need to take two courses per semester- 1 required science and 1 core management or elective course *Denotes Certificate in Biotechnology Management required courses (all credits earned in this certificate may be applied to the MPS Biotechnology degree) For more information regarding the Graduate Biotechnology Program and curriculum please visit: www.umbc.edu/biotechsg 		