



# ENGINEERING MANAGEMENT GRADUATE PROGRAMS

## Master of Science and Post-Baccalaureate Certificate: Engineering Management Academic Planning Form

### General Information

Student Name: \_\_\_\_\_

Program Advisor: Tom Moore, Ph.D., 410-455-3617 | mooretg@umbc.edu

Engineering Concentration: \_\_\_\_\_ Admission Date: \_\_\_\_\_ Projected Graduation Date: \_\_\_\_\_

**NOTE:** This form serves as unofficial guidance in planning your 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/Completed
<b>Required management courses for Master of Science and required courses to complete Post-Baccalaureate Certificate. Select 4 courses (12 credits)</b>		
ENMG 650	Project Management Fundamentals	
or		
ENMG 668	Project and SE Management	
ENMG 652	Management, Leadership, and Communications	
ENMG 656	Engineering Law and Ethics	
ENMG 658	Financial Management	
<b>Elective Management Courses - Choose 2</b>		
ENMG 654	Leadership and Team Development	
ENMG 659	Strategic Management	
ENMG 660*	Systems Engineering Principles	
ENMG 661	Leading Virtual/Global Teams	
ENMG 663	Advanced Project Management Applications	
ENMG 664*	Quality Engineering and Management	
ENMG 672*	Decision and Risk Analysis	
ENMG 690	Innovation and Technology Entrepreneurship	
ENMG 692	Principles of Organizational Learning	
CYBR 620*	Introduction to Cybersecurity	
CYBR 621	Cyber Warfare	
CYBR 622	Global Cyber Capabilities and Trends	
CYBR 623	Cybersecurity Law and Policy	

\* Course can be counted as either technical or management

### Four courses in Engineering or IT (12 credits). Refer to list of courses on Engineering Management website: [umbc.edu/engm/coursedescriptions](http://umbc.edu/engm/coursedescriptions)

(1)		
(2)		
(3)		
(4)		

**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 do not register you are automatically placed on a Leave of Absence (LOA). After three consecutive semesters of LOA, your student account will be discontinued. You may have to reapply to the Graduate School to be reinstated.