



# UMBC

AN HONORS UNIVERSITY IN MARYLAND

## SYSTEMS ENGINEERING GRADUATE PROGRAMS

### Post-Baccalaureate Certificate: Systems Engineering Academic Planning Form

#### General Information

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

Program Advisor: Thomas Moore, Ph.D., 410-455-3617 | [mooretg@umbc.edu](mailto:mooretg@umbc.edu)

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 5 courses, 15 credits)

Course	Course Title	Semester Planned/Completed
<b>Required Core Systems Engineering courses</b>		
ENEE 660	Systems Engineering Principles	
ENEE 661	System Architecture and Design	
ENEE 669 (1 credit)	Mathematics and MATLAB Fundamentals for Engineers <i>prerequisite for ENEE 662   ENEE 670</i>	
ENEE 662 or ENEE 672	System Modeling, Simulation and Analysis	
	Decision and Risk Analysis	
ENEE 663	System Implementation, Integration and Test	
ENEE 670	Systems Engineering Project	

**Note:** For more details on SE courses, please visit: [umbc.edu/se/coursedescriptions](http://umbc.edu/se/coursedescriptions)

**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.