ROBOTICS ENGINEERING, MASTER OF ENGINEERING (M.ENG.)

Non-thesis only: 30 credits required

All Professional Master of Engineering Programs consist of 10 courses/30 credits. All students are expected to complete a preliminary course plan for their intended degree program. Degree planning worksheets can be found here: https://mage.umd.edu/degree-planningsheets (https://mage.umd.edu/degree-planning-sheets/)

Course	Title	Credits
Required courses	(Take 4 courses):	12
ENPM661	Planning for Autonomous Robots	
ENPM662	Introduction to Robot Modeling	
ENPM667	Control of Robotic Systems	
ENPM673	Perception for Autonomous Robots	
Robotics Programming Elective (Choose at least 1 course):		
ENPM808	Advanced Topics in Engineering (ENPM808X - Software Development for Robotics)	
ENPM809	Special Topics in Engineering (ENPM809E Pyth Applications for Robotics)	ion
ENPM809	Special Topics in Engineering (ENPM809Y Introductory Robot Programming)	
Robotics Elective	s (Choose at least 2):	6
ENPM808	Advanced Topics in Engineering (ENPM809T Autonomous Robots)	
ENPM640	Rehabilitation Robotics	
ENPM808	Advanced Topics in Engineering (ENPM808F Robot Learning)	
ENPM808	Advanced Topics in Engineering (ENPM808P Manufacturing and Automation)	
ENPM645	Human-Robot Interaction	
ENPM663	Building a Manufacturing Robotic Software System	
Other Electives listed above or approved by advisor (Choose 3		9
courses. See Plan.))		
Total Credits		30