ELECTRICAL AND COMPUTER ENGINEERING, MASTER OF ENGINEERING (M.ENG.)

Non-thesis only: 30 credits

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. Students in this program complete six core courses and four electives. Degree planning worksheets can be found here: https://mage.umd.edu/degree-planning-sheets (https://mage.umd.edu/degree-planning-sheets/)

Course	Title	Credits
Core Courses (choose six):		**18**
Any ENEE 600-level or higher courses (see degree planning sheet for specific restrictions)		
Pre-Approved Technical Electives (choose four):		**12**
Any ENEE 600-level or higher courses		
ENPM808	Advanced Topics in Engineering	
ENPM611	Software Engineering	
ENPM615	Embedded Systems	
ENPM631	Advanced Networking	
ENPM690	Robot Learning (Robot Learning)	
ENPM691	Hacking of C programs and Unix Binaries	
ENPM693	Network Security	
ENPM694	Networks and Protocols	
ENPM696	Reverse Software Engineering	
ENPM808L	(Analytics for Decision Support)	
ENPM808R	(Machine Learning Techniques Applied to Cybersecurity)	
ENPM808W	(Data Science)	
ENPM808Y	(Fundamental Concepts of AI and Machine Learning, and their Applications)	
ENPM808Z	(Cognitive Robotics)	
ENPM809F	(Internet of Things)	
ENPM809G	(Network Data Science)	
ENPM809R	(Software Defined Networking)	
ENPM809X	(Data and Algorithms)	
Total Credit Hours		**30**