

# ENERGY SYSTEMS ENGINEERING, MASTER OF ENGINEERING (M.ENG.)

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**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-planning-sheets> (<https://mage.umd.edu/degree-planning-sheets/>)

Students choose five core courses, and five elective courses. All electives must be approved by the student's advisor.

Course	Title	Credits
Select five of the following core courses:		15
ENCH648	(ENCH648K - Advanced Fuel Cells and Batteries)	
ENCH648	(ENCH648L - Photovoltaics: Solar Energy)	
ENME701	Sustainable Energy Conversion and the Environment	
	or ENPM624 Renewable Energy Applications	
ENPM654	Energy Systems Management	
ENPM622	Energy Conversion I - Stationary Power	
ENPM627	Environmental Risk Analysis	
ENPM656	Energy Conversion II – Mobile Power	
Select five electives approved by advisor		15
<b>Total Credits</b>		<b>30</b>