

# MATERIALS SCIENCE AND 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://advancedengineering.umd.edu/degree-planning-sheets> (<https://advancedengineering.umd.edu/degree-planning-sheets/>)

Course	Title	Credits
Required courses:		
ENMA650	Nanometer Structure of Materials	3
ENMA660	Thermodynamics in Materials Science	3
ENMA661	Kinetics of Reactions in Materials	3
Electives approved by advisor		21
<b>Total Credits</b>		<b>30</b>