

# ENGINEERING MANAGEMENT (CAPITAL)

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## Degree Requirements

### Master of Engineering Management (M.E.M.)

Requirements listed here are in addition to Graduate Council policies listed under GCAC-700 Professional Degree Policies (<http://gradschool.psu.edu/graduate-education-policies/>).

All graduate students in Engineering Management are required to adhere to the requirements of Graduate Council, listed in the link above. These, however, are minimum requirements and the policies, procedures, and regulations listed below are additional and more specific for graduate students pursuing the Master of Engineering Management. Advisers will call pertinent regulations to the attention of their advisees, but it should be understood that it is the student's personal responsibility to see that all requirements listed are satisfied.

The Master of Engineering Management (M.E.M.) is a 33-credit graduate program that integrates engineering with business and management principles. The multidisciplinary, broadly based M.E.M. program provides engineers with business and management perspectives to enhance capabilities in management of large projects. Of the 33 credits required for the degree, 30 must be earned in 500-level graduate courses.

Code	Title	Credits
<b>Required Courses</b>		
ACCT 501	Financial Statement Analysis	3
EMCH 524A	Mathematical Methods in Engineering	3
ENGMT 511	Engineering for Energy and the Environment	3
FINAN 521	Corporate Finance	3
MNGMT 511	Organizational Behavior	3
MRKT 513	Marketing Management	3
SYSEN 505	Technical Project Management	3
<b>Electives</b>		
The curriculum requires the completion of two free electives (6 credits) in any of the engineering disciplines. A list of these elective courses is maintained by the graduate program office.		6
<b>Culminating Experience</b>		
All students are required to complete a culminating experience through a two-course capstone course sequence:		
BUS 588	Strategic Management	3
MFGSE 550	Design for Manufacturability I	3
<b>Total Credits</b>		<b>33</b>