Master of Management (Ross School of Business)  
+  
Master of Science in Engineering (Mechanical Engineering)  

Student Initiated Dual Degree Program  

**Normal MM Program Requirements**  

24.75cr MM Business Core + 6cr MM Business Electives = 30.75cr  

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Applied Business Statistics</td>
<td>2.25</td>
<td>Leading People and Organizations</td>
<td>2.25</td>
</tr>
<tr>
<td>Applied Microeconomics</td>
<td>2.25</td>
<td>Marketing Management</td>
<td>2.25</td>
</tr>
<tr>
<td>Communications</td>
<td>1.5</td>
<td>Operations Management</td>
<td>2.25</td>
</tr>
<tr>
<td>Corporate Strategy</td>
<td>2.25</td>
<td>Principles of Managerial Accounting</td>
<td>2.25</td>
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<tr>
<td>Law and Ethics</td>
<td>1.5</td>
<td>World Economy</td>
<td>1.5</td>
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**Total Core: 24.75 Credits**  

Business Elective(s): 6 Credits  

<table>
<thead>
<tr>
<th>July-Aug</th>
<th>Sept-Oct</th>
<th>Nov-Dec</th>
<th>Jan-Feb</th>
<th>Mar-Apr</th>
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</thead>
<tbody>
<tr>
<td>Finance</td>
<td>Strategy</td>
<td>Business Economics</td>
<td>Business Law*</td>
<td>World Economy*</td>
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<tr>
<td>Marketing</td>
<td>Business Statistics</td>
<td>Management of Organizations</td>
<td>Business Communications*</td>
<td>Managerial Accounting</td>
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<tr>
<td>Financial Accounting</td>
<td>Operations Management</td>
<td>RLI 1-day</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Elective(s)</td>
<td>Elective/ABL Capstone</td>
<td></td>
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<tr>
<td>Recruiting Workshops</td>
<td>On Campus Recruiting</td>
<td>Self-Directed Recruiting</td>
<td></td>
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</table>

*1.5 credit course
MM Boot Camp/Workshop Notes:

- Pre-Work: Quantitative skills assessment, readings
- Boot Camp: First 1.5 weeks of July
  - 3 days: Quantitative (Stats and some Excel)
  - 1 day: Communications (Writing a business case)
  - 1 day: Leadership Impact Challenge (Ross Leadership Initiative)
  - 2 days: Career Workshops
- Recruiting Workshops
  - Resume writing, interview skills, job search strategy (compulsory, run through Ross Career Services), approximately 2 hrs/week
- Continuing Leadership Training
  - Early September: ½ day Story Lab
  - April: ½ day Legacy Lab

Normal ME MSE Program Requirements

![Diagram showing degree options and coursework requirements]

- Coursework Only
  - 12 credits of ME500 or above
  - 6 credits of Advanced Math
  - 6 credits of cognates
  - 6 credits ME 400 or above

- Individual Research Project
  - 3 credits of cognates
  - 3-6 credits ME 590

- Master's Thesis
  - 9 credits research: 6- ME590 & 3-ME695

Notes:
- All degrees require 30 Credits
- Approximately one to two years to complete
**TIMELINE FOR JOINT MM / MSE**

9 double-counted credits (51.75 total)

**YEAR 1: July 2015 – April 2016 (30.75 credits total)**

- 24.75cr MM core (6 of which are double-counted as MSE cognates)
- One 3cr ME500+ course (double-counted as MM business elective) from a group of approved courses
- One 3cr ME course (to satisfy MSE degree requirements, not MM)

**Summer after year 1: Internship**

This is up to the student, but we strongly suggest students pursue an internship for the summer between the first and second years of the dual program. Students recruit for internships in Winter 2016, through Engineering and/or Ross Career Services. See “Recruiting Workshops” information above for details about workshops and training that are part of the MM program and designed to help students succeed in their job/internship search.

**YEAR 2: September 2016 – April 2017 (21 credits total)**

- 18cr ME courses (to satisfy MSE degree requirements, not MM)
- One 3cr MM business elective (RSB course)
How to Apply

You must apply and formally be admitted into both programs. In order to start the process, please indicate interest by answering “Yes” to the relevant question on your ME application (“Are you interested in applying to the new dual Master's degree program...”), and then email Prof. Pipe, the ME Graduate Chair (pipe@umich.edu), for information on the next steps.