Dual MSIE/MBA

The dual Master of Business Administration/Master of Science in Industrial Engineering (MBA/MSIE) Program is open to highly qualified individuals who hold a baccalaureate degree in industrial engineering from an accredited college or university. It is designed to serve those students who wish to combine the specialized skills of the industrial engineer with the general knowledge of the professional manager. The complex problems facing today’s organizations often require that the engineer’s analytical ability be applied simultaneously with the manager’s integrative perspective. The dual program has been carefully structured to meet the student’s educational goals while minimizing the course work necessary for obtaining both degrees.

**Application/Admission** - Students must apply to each program separately, and will need approval from both programs to enter the dual degree program. Each program requires its own online application form and other materials. These individual requirements are available from the programs directly or at their web sites. Students must take the GRE exam to be admitted to the dual MSIE and MBA program. Students must meet the competitive admission requirements of both programs.

**MBA/MSIE Curriculum** - Dual program students complete 9 hours of MSIE courses each of their first two semesters. In their second year, they complete about 9-10 hours each semester of MBA courses and also begin their MSIE research project. In their third year they complete MBA course work and their research project. They graduate from both programs when they have completed the requirements for both. Dual MBA/BSIE students who choose to add an MSIE might have a different course sequence and will work with both the IE and MBA advisors to schedule classes.

Total program requirements for the MBA includes 40 credits and the MSIE includes 30 credits. Please see attachment for the sample structure. The waivers of MBA courses are based upon the BSIE program at MU. Students with a BSIE from another institution may have different course waivers based upon successful completion of their prior course work.

**For MBA information contact:**
Crosby MBA Program
306 Cornell Hall
Columbia, MO 65211
Phone: 573-882-2750
mba@missouri.edu
http://mba.missouri.edu

**For MSIE information contact:**
Industrial Engineering
W1002 Lafferre Hall
Columbia, MO 65211
Phone: 573-884-6961
http://imse.missouri.edu

Robert J. Trulaske, Sr.
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7/31/2017
# Dual MSIE/MBA Curriculum

## MBA Required Courses Year 2 (Year 1 is typically for 18 credits of MSIE coursework only)

<table>
<thead>
<tr>
<th>Fall Semester 1</th>
<th>Fall Semester 1</th>
<th>Cr.</th>
<th>Spring Semester 2</th>
<th>Spring Semester 2</th>
<th>Cr.</th>
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<tbody>
<tr>
<td>Marketing 7460</td>
<td>Marketing 7470</td>
<td>3</td>
<td>Management 7380</td>
<td>Management 7390</td>
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</tr>
<tr>
<td>Managerial Marketing (1.5)</td>
<td>Advanced Marketing Management (1.5)</td>
<td></td>
<td>Organizational Behavior 1 (1.5)</td>
<td>Organizational Behavior 2 (1.5)</td>
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</tr>
<tr>
<td>Management 7970 Intro Strategy (1.5)</td>
<td>MBA Elective (1.5)</td>
<td>1.5</td>
<td>MBA Elective (1.5)</td>
<td>MBA Elective (1.5)</td>
<td>3</td>
</tr>
<tr>
<td>Accountancy 7310 Accounting for Managers (3)</td>
<td>Business Admin 8500 Bus Problem Analysis; Field Project (3)</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Bus Admin 7050 MBA Communication Practice (3)</td>
<td>Seminar 2: Career Interest Groups</td>
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</table>

**Total MBA Year 1, Semester 1 Credits Required:** 10.5

## MBA Required Courses Year 3

<table>
<thead>
<tr>
<th>Fall Semester 3</th>
<th>Fall Semester 3</th>
<th>Cr.</th>
<th>Spring Semester 4</th>
<th>Spring Semester 4</th>
<th>Cr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Finance 8350 Financial Statement Analysis 1 (1.5)</td>
<td>Business Admin 7340 Ethics &amp; Leadership (1.5)</td>
<td>3</td>
<td>Management 8970 Strategy &amp; Global Competitiveness (1.5)</td>
<td>Elective – Transfer from MSIE - IMSE 8990</td>
<td>1.5</td>
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<tr>
<td>Finance 7210 Microeconomics for Business (1.5)</td>
<td>MBA Elective (1.5)</td>
<td>3</td>
<td>Elective – Transfer from MSIE - IMSE 8990</td>
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</tr>
<tr>
<td>MBA Elective</td>
<td>MBA Elective</td>
<td>3</td>
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<tr>
<td>MBA Elective</td>
<td>MBA Elective</td>
<td>3</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**Total MBA Year 2, Semester 1 Credits Required:** 12

**Total MBA Year 2, Semester 2 Credits Required:** 7.5

- Total required for MBA = 40 (Total transferred from MSIE as MBA electives = 6; **total (net) MBA credits required = 34.**)
- Total required for MSIE = 30 (Total transferred from MBA as MSIE electives = 6; **total (net) MSIE credits required = 24.**)
- All courses listed above are required and are typically offered in the semester designated above. Electives can be completed in semesters other than as shown above and are offered as 1.5 credits or 3 credits. Three credits of electives must be in Marketing and three credits in Finance.
- This is a guide and may be flexible depending on schedule conflicts. Students will work with both the MSIE and MBA advisors to schedule classes.

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