BSIE Technical Elective Requirements for Students Following 2012-2013 Catalog Year

<table>
<thead>
<tr>
<th>IEMS technical electives</th>
<th>Acceptable courses to satisfy requirement</th>
<th>IEMS 399?</th>
<th>P/N?</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial Engineering/Operations Research (IE/OR)</td>
<td>3 IEMS 304; 305; 306; 307; 381; 382; 383; 385; 373; 391</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Management Science elective (MS)</td>
<td>1 IEMS 325; 340; 341; 342; 390; 392</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Technical Elective (GTE)</td>
<td>3 Any 200-level (or higher) engineering course or course from approved list</td>
<td>At most 2 courses</td>
<td>At most 2 courses</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>7</strong></td>
<td></td>
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</tbody>
</table>

**Non-engineering approved technical electives courses for GTE only**

*CFS: Chicago Field Studies DEPENDS ON TOPIC
*Bus Inst 394: Professional Linkage Seminar DEPENDS ON TOPIC

- Econ 308: Money and Banking
- Econ 309: Elements of Public Finance
- Econ 316: Advanced Topics in Macroeconomics
- Econ 337: Economics of State and Local Governments
- Econ 339: Labor Economics
- Econ 349: Industrial Economics
- Econ 350: Monopoly, Competition, and Public Policy
- Econ 355: Transportation Economics & Public Policy
- Econ 361: International Trade
- Econ 362: International Finance
- Econ 380-1,2: Intro to Mathematical Economics
- Econ 381-1,2: Advanced Econometrics
- Econ 383: Economic Forecasting
- IMC 303: Integrated Marketing Communications Strategy
- LOC 306: Studies in Organizational Change
- LOC 310: Organizations for Complex Environments
- Math 300-0: Foundations of Higher Mathematics
- Math 320-1, 2, 3: Real Analysis
- Math 330-1, 2, 3: Abstract Algebra
- Math 364-0: Game Theory
- Math 366-1, 2: Mathematical Models in Finance
- Sociol 302: Sociology of Organizations
- Stats 320-2, 3: Statistical Theory and Methods
- Stats 325: Survey Sampling
- Stats 350: Regression Analysis
- Stats 351: Design and Analysis of Experiments

*To receive GTE credit for BUS_INST 394 or CFS, students must provide both the course syllabus and the final project produced in the course (presentation, final paper, or both) as part of the petition.