# B.S. - Mechanical Engineering 2008-10 Catalog

## Freshman Year

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
</table>
| **@ ME 100/L (3)**  
PREREQUISITE  
ME MAJOR | **@# ECON 102 (3)**  
PREREQUISITE  
MATH 124 |
| **@# MATH 181 (4)**  
PREREQUISITE  
MATH 128  
OR Equivalent | **@# MATH 182 (4)**  
PREREQUISITE  
MATH 181 |
| **@# CHEM 121/L(4)**  
PREREQUISITE  
Chem. Placement Exam  
COREQUISITE  
MATH 127 or 128 or higher | **@ PHYS 180/L (4)**  
PREREQUISITE  
MATH 181 |
| **@# ENG 101 (3)**  
PREREQUISITE  
Satisfactory score in SAT  
or ACT | **@# ENG 102 (3)**  
PREREQUISITE  
ENG 101  
OR Equivalent |
| **GEN. ED REQ. (3)**  
(SOC. SCI/  
HUMANITIES)/MULTI)  
NOTE  
Refer to Pg. 35 of the  
Univ. Catalog 2008-10 | **@ PHYS 182&L (4)**  
PREREQUISITE  
PHYS 180  
MATH 182 |

### Note

**CAD Requirements**

* @ ME 120 OR  
  * ME 220 OR  
  @ ME 240 (1)

**@# FINE ARTS (3)**  
(INTL?)  
NOTE  
Refer to P.34 of the  
Univ. Catalog

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Spring Semester</th>
</tr>
</thead>
</table>
| **@ ME 242 (3)**  
PREREQUISITE  
CEE 241,  
PHYS 180/L,  
MATH 182 | **@ MATH 431 (3)**  
PREREQUISITE  
MATH 283 |
| **@ MATH 283 (4)**  
PREREQUISITE  
MATH 182 | **@ EE 290 (3)**  
PREREQUISITE  
MATH 182  
PHYS 180 |
| **@ ME 301 (3)**  
PREREQUISITE  
CHEM 121  
COREQUISITE  
Concurrent Enrollment in PHYS 182 | **@ ME 311 (3)**  
PREREQUISITE  
PHY 181&L  
OR PHY 182&L |

Please check Long-Term Schedule at: [http://www.me.univ.edu/Undergraduate](http://www.me.univ.edu/Undergraduate)

Last Updated: July 2008
### B.S. - MECHANICAL ENGINEERING 2008-10 CATALOG

#### JUNIOR YEAR

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ME 440 (3)</strong></td>
<td><strong>ME 330 (2)</strong></td>
</tr>
<tr>
<td>PREREQUISITE: ME 301, ME 302</td>
<td>PREREQUISITE: MATH 431, ME 242</td>
</tr>
<tr>
<td><strong>ME 337/L (4)</strong></td>
<td><strong>ME 319/L (2)</strong></td>
</tr>
<tr>
<td>PREREQUISITE: PHYS 182/L, EE 290</td>
<td>PREREQUISITE: ME 100/L, MATH 283</td>
</tr>
<tr>
<td><strong>ME 380/L (4)</strong></td>
<td><strong>ME 320 (3)</strong></td>
</tr>
<tr>
<td>PREREQUISITE: PHYS 182/L, MATH 283, ME 242</td>
<td>PREREQUISITE: MATH 283, ME 242</td>
</tr>
<tr>
<td><strong>ME 314 (3)</strong></td>
<td><strong>EGG 307 (3)</strong></td>
</tr>
<tr>
<td>PREREQUISITE: PHYS 181/L OR PHYS 182/L, MATH 431</td>
<td>PREREQUISITE: Advanced standing in an Engineering Major</td>
</tr>
<tr>
<td><strong>PSC 101 (4)</strong> or HIST 100 (4)</td>
<td><strong>ME 315 (1)</strong></td>
</tr>
<tr>
<td>PREREQUISITE: ME 311, ME 314, ME 380</td>
<td>PREREQUISITE: ME 242, ME 330</td>
</tr>
<tr>
<td><strong>PHIL 242 (3)</strong></td>
<td><strong>ENG 231 or ENG 232 (3)</strong></td>
</tr>
</tbody>
</table>

* INDICATES COURSES OFFERED IN FALL
@ INDICATES COURSES OFFERED IN SPRING
# INDICATES COURSES OFFERED IN SUMMER

Pre-major courses must be completed with a "C" or better to be admitted to the MEG major.
Grade of C (2.00) or higher must be earned in each engineering course (ME, CEE, EE, EGG) for graduation.
An overall 2.3 GPA and 2.5 GPA in engineering courses is required for probation, transfer, and graduation.