### B.S. - MECHANICAL ENGINEERING 2018-19 CATALOG

#### FRESHMAN YEAR

<table>
<thead>
<tr>
<th>FALL SEMESTER</th>
<th>SPRING SEMESTER</th>
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</thead>
<tbody>
<tr>
<td><strong>ENG 101 (3)</strong>&lt;br&gt;SAT SCORE &gt; 499 or SAT ERWS &gt; 479 OR ACT SCORE &gt; 17 OR PLACEMENT EXAM</td>
<td><strong>ENG 102 (3)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;ENG 101 or ENG 101 E/F</td>
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<tr>
<td><strong>MATH 181 (4)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;MATH 127 OR 128 OR SAT SCORE &gt; 629 OR SAT MSS &gt; 649 OR ACT SCORE &gt; 27 PLACEMENT TEST</td>
<td><strong>MATH 182 (4)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;MATH 181</td>
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<tr>
<td><strong>CHEM 121A/L (4)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;CHEM PLACEMENT TEST OR CHEM 101&lt;br&gt;COREQUISITE&lt;br&gt;MATH 126 OR HIGHER</td>
<td><strong>PHYS 180/L (4)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;MATH 181</td>
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<tr>
<td><strong>FIRST-YEAR SEMINAR (2-3)</strong>&lt;br&gt;EGG 101/L RECOMMENDED</td>
<td><strong>CAD REQ. (1)</strong>&lt;br&gt;ME 220 OR ME 240</td>
</tr>
<tr>
<td><strong>FINE ARTS ELECTIVE (3)</strong>&lt;br&gt;MULTI OR INTL IF NOT TAKEN AS SOCIAL SCIENCE OR HUMANITIES&lt;br&gt;NOTE: REFER TO THE 2018-19 UNIVERSITY CATALOG</td>
<td><strong>EE 292 (3)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;MATH 182 &amp; PHYS 180/L or PHYS 151/L</td>
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<td><strong>SOPHOMORE SEMINAR (3)</strong>&lt;br&gt;RECOMMEND PHIL 242</td>
<td><strong>ME 319/L (2)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;MATH 182</td>
</tr>
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### SOPHOMORE YEAR

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<th>SPRING SEMESTER</th>
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<tr>
<td><strong>CEE 241 (3)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;PHYS 180/L, MATH 182</td>
<td><strong>ME 242 (3)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;CHEM 241, PHYS 180/L &amp; MATH 182</td>
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<tr>
<td><strong>MATH 283 (4)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;MATH 182</td>
<td><strong>MATH 431 (3)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;MATH 283</td>
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<tr>
<td><strong>ME 242 (3)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;CHEM 121A/L&lt;br&gt;COREQUISITE&lt;br&gt;MATH 126 OR HIGHER</td>
<td><strong>ME 301 (3)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;CHEM 121A/L&lt;br&gt;COREQUISITE&lt;br&gt;MATH 182</td>
</tr>
<tr>
<td><strong>ME 302/L (4)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;PHYS 180/L, MATH 182 &amp; CEE 241</td>
<td><strong>ME 319/L (2)</strong>&lt;br&gt;PREREQUISITE&lt;br&gt;MATH 182</td>
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* INDICATES COURSES OFFERED IN FALL

@ INDICATES COURSES OFFERED IN SPRING

# INDICATES COURSES OFFERED IN SUMMER (SUBJECT TO CHANGE BASED ON DEPT. OFFERING)
# B.S. - MECHANICAL ENGINEERING 2018-19 CATALOG

## JUNIOR YEAR

### FALL SEMESTER

- **%*#ME 402 (3)**
  - **PREREQUISITE**: ME 319/L & MATH 431

### SPRING SEMESTER

- **%@#ME 330 (2)**
  - **PREREQUISITE**: ME 242, MATH 431 & ME 319/L

## SENIOR YEAR

### FALL SEMESTER

- **%*ME 440 (3)**
  - **PREREQUISITE**: ME 302/L

### SPRING SEMESTER

- **%*#ME 498 (2)**
  - **PREREQUISITE**: ME 497

### FALL SEMESTER

- **%*ME ELECTIVE #1 (3)**
  - **NOTE**: REFER TO APPROVED LIST

### SPRING SEMESTER

- **%*ME ELECTIVE #2 (3)**
  - **NOTE**: REFER TO APPROVED LIST

## MATH/SCIENCE ELECTIVE (3)

- **NOTE**: REFER TO APPROVED LIST

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- **%REQUIRES ADVANCED STANDING**
- **COURSE OFFERED IN FALL**
- **COURSE OFFERED IN SPRING**

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# INDICATES COURSES OFFERED IN SUMMER

(SUBJECT TO CHANGE BASED ON DEPT. OFFERING)