### Degrees Offered

<table>
<thead>
<tr>
<th>B.S.</th>
<th>B.S.</th>
<th>B.A.</th>
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<tbody>
<tr>
<td>Mechanical Engineering</td>
<td>Engineering Sciences (Mechanical)</td>
<td>Engineering Sciences (Mechanical)</td>
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</tbody>
</table>

### Prerequisites for entering the major
- **MATH 112 and 115**
- **PHYS 180, 181**
- **or PHYS 200, 201**
- **ENAS 151**
- **or equivalent**
- **2 labs:**
  - 1 from PHYS 165L or 205L;
  - 1 from PHYS 166L or 206L;
  - or equivalents
- **1 term course in chemistry numbered CHEM 161 or higher**
- **PHYS 170, 171 or higher**
- **2 labs:**
  - 1 from PHYS 165L or 205L;
  - 1 from PHYS 166L or 206L;
  - or MENG 286L
- **1 term course in chemistry numbered CHEM 161 or higher**
- **PHYS 170, 171 or higher**
- **2 labs:**
  - 1 from PHYS 165L or 205L;
  - 1 from PHYS 166L or 206L;
  - or MENG 286L
- **1 term course in chemistry numbered CHEM 161 or higher**

### Requirements for each degree

#### Mechanical Engineering
- **20 term courses beyond prereqs**
  - (incl senior req)
  - **ENAS 130 and 194**
  - **EENG 200**
  - **MATH 222 or 225**
  - **MENG 185, 211, 280, 285,**
  - **286L, 325, 361, 363L, 383,**
  - **389, 390**
  - **3 technical electives chosen in consultation with DUS**
  - (only one of MENG 471, 472, 473, or 474)

#### B.S. Engineering Sciences (Mechanical)
- **12 term courses beyond prereqs**
  - (incl senior project)
  - **Consult with DUS.**

#### B.A. Engineering Sciences (Mechanical)
- **8 term courses beyond prereqs**
  - (incl senior req)
  - **Consult with DUS.**

### Senior Requirements

- **MENG 487L**
- **and MENG 488L**
  - (taken in senior year)
- **MENG 404 or MENG 471, 472, 473, or 474**
- **or another upper-level design course chosen in consultation with DUS**
- **MENG 471, 472, 473, or 474**
- **or another upper-level design course chosen in consultation with DUS**

### Substitutions
- Relevant course with DUS permission

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