# Industrial Design

**College of Design**

**133 credits**

**NAME _________________________**

## University Requirements
- **may be fulfilled simultaneously with other requirement**
- **6.0**
  - International Perspectives **3.0**
  - US Diversity **3.0**

## Communications
- **10.0**
  - ENGL 150 (C or better) **3.0**
  - ENGL 250 (C or better) **3.0**
  - Select 1: CMDIS 286, COMST 101/211, SP CM 212, THTRE **3.0**
  - LIB 160 **1.0**

## Humanities*
- **6.0**
  - **3.0**
  - **3.0**

## Social Sciences*
- **6.0**
  - **3.0**
  - **3.0**

## Mathematical, Physical, and Biological Sciences*
- **6.0**
  - Physics (Physics 101 or 302 recommended) **3.0**
  - Math **3.0**

## Additional General Education Courses*
- **9.0**
  - (300-400 Level) **3.0**
  - (300-400 Level) **3.0**
  - Any Level **3.0**

## College of Design Core
- **13.0**
  - DSN S 102 Design Studio I **4.0**
  - DSN S 131 Design Representation **4.0**
  - DSN S 183 Design Culture **3.0**
  - DSN S 115 Design Collaborative or DsnS 110 **1.0**
  - DSN S 132 Digital Design Literacy (take with 102) **1.0**

## Industrial Design Studio Sequence
- **24.0**
  - IND D 201 Industrial Design Studio I **6.0**
  - IND D 202 Industrial Design Studio II **6.0**
  - IND D 301 Industrial Design Studio III **6.0**
  - IND D 499 Senior Project **6.0**

## Industrial Design Requirements
- **27.0**
  - IND D 220 Concept Sketching **6.0**
  - IND D 250 Activity-Centered Industrial Design **6.0**
  - IND D 260 Engineering: Thought to Thing **6.0**
  - IND D 320 Design Research Methods **6.0**
  - IND D 330 Creative Thinking in Design **6.0**
  - IND D 340 Computer Aided Industrial Design I **6.0**
  - IND D 360 Materials and Processes in Industrial Design **6.0**
  - IND D 370 How Things Work **6.0**
  - IND D 440 Portfolio and Professional Practice **6.0**

## History, Theory, and Culture (HTC)
- **15.0**
  - IND D 210 Fundamentals of Industrial Design **3.0**
  - IND D 280 History of Industrial Design **3.0**
  - IND D 380 History and Culture of Objects **3.0**
  - Course from approved list (Humanities/Social Sci) **3.0**

## Experiential Learning (EXP)
- **6.0**
  - May include internship, study abroad, sponsored project, or other options/studios with department approval. Different options may be worth different credits and may require two options to reach 6 required credits. Check with your advisor for degree

## Industrial Design Departmental Electives
- **12.0**
  - May include IND D 240, 350, 435, 460, 465, 520, 530, 540, 550, 560, 570, or 580. May include other options as approved by department. **3.0**

*Additional details for course eligibility on reverse*
### Approved List of General Education Courses

* For a complete list of approved courses for Humanities, Social Sciences, and Math/Science, consult the [Iowa State University College of Liberal Arts and Sciences General Education Approved Course List](#). Courses within the College of Design (ARTGR, ARCH, ART H, C R P, DSN S, DES, IND D, ARTID) do not fulfill general education requirements for IND D majors.

#### Fall Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSN S 102 or DN S 131</td>
<td>4</td>
</tr>
<tr>
<td>DSN S 115</td>
<td>1</td>
</tr>
<tr>
<td>DSN S 183 or Communications</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 150 or Gen Ed</td>
<td>3</td>
</tr>
<tr>
<td>Physics/Math</td>
<td>3</td>
</tr>
<tr>
<td>Gen Ed</td>
<td>3</td>
</tr>
</tbody>
</table>

**Semester Credits:** 17-18

#### Spring Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>DSN S 102 or DSN S 131</td>
<td>4</td>
</tr>
<tr>
<td>DSN S 183 or Gen Ed</td>
<td>3</td>
</tr>
<tr>
<td>ENGL 250 or Gen Ed</td>
<td>3</td>
</tr>
<tr>
<td>LIB 160</td>
<td>1</td>
</tr>
<tr>
<td>Physics/Math</td>
<td>3</td>
</tr>
<tr>
<td>Gen Ed</td>
<td>3</td>
</tr>
</tbody>
</table>

**Semester Credits:** 17-18

#### Summer Semester

**Optional Internship or Study Abroad for EXPeriential Learning**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>IND D 301</td>
<td>6</td>
</tr>
<tr>
<td>IND D 320</td>
<td>3</td>
</tr>
<tr>
<td>IND D 340</td>
<td>3</td>
</tr>
<tr>
<td>IND D 360</td>
<td>3</td>
</tr>
</tbody>
</table>

**Semester Credits:** 15

**Study abroad option:**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>EXP Learning or Dept. Electives</strong></td>
<td>3-6</td>
</tr>
<tr>
<td>Departmental Elective</td>
<td>3</td>
</tr>
<tr>
<td>HTC</td>
<td>3</td>
</tr>
<tr>
<td>HTC 300+ or Departmental Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

**Semester Credits:** 15

---

**Exp Learning or Dept. Electives**