# Product Design Four-Year Plan

For Students Officially Admitted to the Program in Fall 2019 and Spring 2020 Only

(v. 5-25-21)

## Year One

### Fall Semester

- **Math 1271: Calculus I**  
  OR **Math 1371: CSE Calculus I**  
  (Both meet Mathematical Thinking.)
- **PDes 2701: Creative Design Methods** (fall only)  
  3
- **PDes 2702: Concept Sketching**  
  3
- **Phys 1101W: Introductory College Physics I**  
  OR **Phys 1301W: Introductory Physics for Science and Engineering I**  
  OR **Phys 1401W: Honors Physics I**  
  (All meet Physical Science and Writing Intensive.)

**Semester Credits:** 14

### Spring Semester

- **Freshman Writing**  
  4
  You will be placed in one of the following:  
  Writ 1201: Writing Studio*  
  Writ 1301: University Writing  
  Writ 1401: Writing and Academic Inquiry  
  *If placed in Writ 1201, you must also complete Writ 1301 to fulfill the first-year writing requirement.
- **PDes 2703: Concept Visualization and Presentation 1** (spring only)  
  3
- **PDes 2777: Product Form and Model Making** (spring only)  
  2
- **Phys 1102W: Introductory College Physics II (spring only)**  
  OR **Phys 1302W: Introductory Physics for Science and Engineering**  
  OR **Phys 1402W: Honors Physics II**  
  (All meet Physical Science and Writing Intensive.)
- **Liberal Education Requirements**  
  3-4

**PORTFOLIO REVIEW and DECLARE TRACK**

**Semester Credits:** 16-17

## Year Two

### Fall Semester

- **EE 1301: Introduction to Computing Systems**  
  OR **CSc 1103: Introduction to Computer Programming in Java**  
  (fall only)
- **Des 3201: Career and Internship Preparation for Design**  
  1
- **PDes 2704: Concept Visualization and Presentation 2** (fall only)  
  3
- **PDes 2771: Product Design Studio 1** (fall only)  
  4
- **PDes 3704: Computer-Aided Design Methods 1: Solid Modeling and Rendering** (fall only)  
  3

**Semester Credits:** 15

### Spring Semester

- **PDes 2772: Product Design Studio 2** (spring only)  
  4
- **PDes 3706: Designing for Manufacture** (spring only)  
  4
- **Track Course:**  
  Integrated Product Development Track:  
  PDes 3714: Computer-Aided Design Methods 1:  
  Surface Modeling and Rendering (spring only)  
  User Experience Track:  
  GDes 2342: Web Design
- **Liberal Education Requirement**  
  3-4

**Semester Credits:** 14-15

See Reverse
# Product Design (Fall 2019 or Spring 2020) (v. 5-25-21)

## Year Three

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
<th>Spring Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mgmt 3010: Introduction to Entrepreneurship</td>
<td>4</td>
<td>PDes 3196: Product Design Internship</td>
<td>2</td>
</tr>
<tr>
<td>PDes 3771: Product Design Studio 3 (fall only)</td>
<td>4</td>
<td>PDes 3705: History and Future of Product Design (spring only)</td>
<td>3</td>
</tr>
<tr>
<td>Track Course:</td>
<td>4</td>
<td>PDes 3711: Product Innovation Lab* (spring only)</td>
<td>4</td>
</tr>
<tr>
<td>Integrated Product Development Track:</td>
<td></td>
<td>*Because this is an interdisciplinary studio course, it is not advised to take it simultaneously with PDes 3772.</td>
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<tr>
<td>ME 2011: Introduction to Engineering (fall only)</td>
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<td>User Experience Track:</td>
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<tr>
<td>Des 3131: User Experience in Design</td>
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<td></td>
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<tr>
<td>Liberal Education Requirement</td>
<td>3-4</td>
<td>Liberal Education Requirements</td>
<td>6-8</td>
</tr>
</tbody>
</table>

| Semester Credits | 15-16 | Semester Credits | 15-17 |

**Good Term to Study Abroad/Away**

## Year Four

<table>
<thead>
<tr>
<th>Fall Semester</th>
<th>Credits</th>
<th>Spring Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PDes 4701W: Capstone Research Studio (fall only)</td>
<td>4</td>
<td>PDes 4702W: Capstone Design Studio (spring only) (Writing Intensive)</td>
<td>4</td>
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<tr>
<td>(Writing Intensive)</td>
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</tr>
<tr>
<td>Program Electives</td>
<td>3-4</td>
<td>Program Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>For course options, refer to your APAS report.</td>
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<td></td>
</tr>
<tr>
<td>Liberal Education Requirements or electives</td>
<td>6-8</td>
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<td>6-8</td>
</tr>
</tbody>
</table>

| Semester Credits | 13-16 | Semester Credits | 13-16 |

### Liberal Education Requirements Not Met by Major Requirements

<table>
<thead>
<tr>
<th>Diversified Core</th>
<th>Designated Themes (Complete 4 of the 5.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Arts/Humanities</td>
<td>Civic Life and Ethics</td>
</tr>
<tr>
<td>Biological Science</td>
<td>Race, Power, and Justice in the U.S.</td>
</tr>
<tr>
<td>Historical Perspectives</td>
<td>Global Perspectives</td>
</tr>
<tr>
<td>Literature</td>
<td>Technology and Society</td>
</tr>
<tr>
<td>Social Sciences</td>
<td>The Environment</td>
</tr>
</tbody>
</table>

This is a sample plan subject to change prior to the start of Fall Term 2019.