# Product Design Four-Year Plan

For Students Officially Admitted to the Program in Fall 2021 and Spring 2022 Only

(v. 5-31-22)

## Year One

### Fall Semester
- **Math 1271: Calculus I** *(4)*  
  *OR* **Math 1371: CSE Calculus I**  
  *OR* **Stat 3011: Introduction to Statistical Analysis**  
  (All 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 1401V: Honors Physics I**  
  (All meet Physical Science and Writing Intensive.)

### Spring Semester
- **Freshman Writing** *(4)*  
  You will be placed in one of the following:  
  Writ 1201: Writing Studio*  
  Writ 1301: University Writing  
  *If placed in Writ 1201, you must also complete Writ 1301 to fulfill the first-year writing requirement.
- **Des 2101: Design and Visual Presentation** *(2)*
- **PDes 2703: Concept Visualization and Presentation 1** *(spring only)* *(3)*
- **PDes 2777: Product Form and Model Making** *(spring only)* *(3)*
- **Liberal Education Requirement** *(3-4)*

**PORTFOLIO REVIEW and DECLARE TRACK**

<table>
<thead>
<tr>
<th>Semester Credits</th>
<th>14</th>
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## Year Two

### Fall Semester
- **EE 1301: Introduction to Computing Systems** *(4)*  
  *OR* **CSci 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)*

### 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 2: Surface Modeling and Rendering** *(spring only)*  
    **User Experience Track:**  
    **GDes 2342: Web Design**
- **Liberal Education Requirement** *(3-4)*

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<tr>
<th>Semester Credits</th>
<th>15</th>
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| Semester Credits | 14-15 |

See Reverse
### Year Three

#### Fall Semester
- Mgmt 3010: Introduction to Entrepreneurship 4
- PDes 3771: Product Design Studio 3 (fall only) 4
- PDes 3737: Product Design Portfolio (fall only) 2
- **Track Course:**
  - Integrated Product Development Track:
    - ME 2011: Introduction to Engineering (fall only)
  - User Experience Track:
    - Des 3131: User Experience in Design

#### Spring Semester
- PDes 3196: Product Design Internship 2
- PDes 3705: History and Future of Product Design (spring only) 3
- PDes 3711: Product Innovation Lab *(spring only) 4
  *Because this is an interdisciplinary studio course, it is not advised to take it simultaneously with PDes 2772.*
- Liberal Education Requirements or electives 6-8

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<tr>
<th>Semester Credits</th>
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### Year Four

#### Fall Semester
- Des 5185: Human Factors in Design (fall only) 3
- PDes 4701W: Capstone Research Studio (fall only) (Writing Intensive) 4
- **Program Electives**
  - For course options, refer to your APAS report. 3-4
- Liberal Education Requirements or electives 3-4

#### Spring Semester
- PDes 4702W: Capstone Design Studio (spring only) (Writing Intensive) 4
- **Program Elective**
  - For course options, refer to your APAS report. 3-4
- Liberal Education Requirements or electives 6-8

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<thead>
<tr>
<th>Semester Credits</th>
<th>13-15</th>
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### Liberal Education Requirements Not Met by Major Requirements

<table>
<thead>
<tr>
<th>Diversified Core</th>
<th>Designated Themes</th>
<th>Writing Intensive</th>
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</thead>
<tbody>
<tr>
<td>Arts/Humanities</td>
<td>Civic Life and Ethics</td>
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<tr>
<td>Biological Science</td>
<td>Race, Power, and Justice in the U.S. (RPJ)</td>
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<tr>
<td>Historical Perspectives</td>
<td>Global Perspectives</td>
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<tr>
<td>Literature</td>
<td>Technology and Society</td>
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<tr>
<td>Social Sciences</td>
<td>The Environment</td>
<td></td>
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<tr>
<td>One course (may overlap with Retail Electives; may be lower- or upper-division)</td>
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This is a sample plan subject to change prior to the start of Fall Term 2021.