# Product Design Four-Year Plan

For Students Officially Admitted to the Program in Fall 2020 and Spring 2021 Only  
(v.5-25-21)

## Year One

### Fall Semester
- **Math 1271: Calculus I**  
  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 1401W: 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  
  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)  
  3
- **Phys 1102W: Introductory College Physics II** (spring only)  
  OR **Phys 1302W: Introductory Physics for Science and Engineering II**  
  OR **Phys 1402W: Honors Physics II**  
  (All meet Physical Science and Writing Intensive.)

**PORTFOLIO REVIEW and DECLARE TRACK**

| Semester Credits | 14 |

## Year Two

### Fall Semester
- **EE 1301: Introduction to Computing Systems**  
  OR **CSci 1103: Introduction to Computer Programming in Java** (fall only)  
  4
- **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

| Semester Credits | 15 |

| Semester Credits | 14-15 |

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See Reverse
# Product Design (Fall 2020 or Spring 2021) (v. 5-25-21)

## Year Three

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

### Spring Semester
- **PDes 3196: Product Design Internship**
- **PDes 3705: History and Future of Product Design** (spring only)
- **PDes 3711: Product Innovation Lab** *(spring only)*
  - *Because this is an interdisciplinary studio course, it is not advised to take it simultaneously with PDes 2772.*
- **PDes 3737: Product Design Portfolio**
- **Liberal Education Requirement**

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<th>Semester Credits</th>
<th>15-16</th>
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## Year Four

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

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

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## Liberal Education Requirements Not Met by Major Requirements

### Diversified Core
- Arts/Humanities
- Biological Science
- Historical Perspectives
- Literature
- Social Sciences

### Designated Themes
- Civic Life and Ethics
- Race, Power, and Justice in the U.S.
- Global Perspectives
- Technology and Society
- The Environment

*This is a sample plan subject to change prior to the start of Fall Term 2020.*