

# 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

- |   |   |
|---|---|
| <input type="checkbox"/> <b>Math 1271: Calculus I</b><br><i>OR</i> <b>Math 1371: CSE Calculus I</b><br>(Both meet Mathematical Thinking.)   | 4 |
| <input type="checkbox"/> <b>PDes 2701: Creative Design Methods</b> (fall only)  | 3 |
| <input type="checkbox"/> <b>PDes 2702: Concept Sketching</b>  | 3 |
| <input type="checkbox"/> <input type="checkbox"/> <b>Phys 1101W: Introductory College Physics I</b><br><i>OR</i> <b>Phys 1301W: Introductory Physics for Science and Engineering I</b><br><i>OR</i> <b>Phys 1401V: Honors Physics I</b><br>(All meet Physical Science and Writing Intensive.) | 4 |

Semester Credits 14

### Spring Semester

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

### PORTFOLIO REVIEW and DECLARE TRACK

Semester Credits 16-17

## Year Two

### Fall Semester

- |   |   |
|---|---|
| <input type="checkbox"/> <b>EE 1301: Introduction to Computing Systems</b><br><i>OR</i> <b>CSci 1103: Introduction to Computer Programming in Java</b><br>(fall only) | 4 |
| <input type="checkbox"/> <b>Des 3201: Career and Internship Preparation for Design</b>  | 1 |
| <input type="checkbox"/> <b>PDes 2704: Concept Visualization and Presentation 2</b> (fall only)   | 3 |
| <input type="checkbox"/> <b>PDes 2771: Product Design Studio 1</b> (fall only)  | 4 |
| <input type="checkbox"/> <b>PDes 3704: Computer-Aided Design Methods 1: Solid Modeling and Rendering</b> (fall only)  | 3 |

Semester Credits 15

### Spring Semester

- |   |     |
|---|-----|
| <input type="checkbox"/> <b>PDes 2772: Product Design Studio 2</b><br>(spring only)   | 4   |
| <input type="checkbox"/> <b>PDes 3706: Designing for Manufacture</b><br>(spring only)   | 4   |
| <input type="checkbox"/> <b>Track Course:</b><br><i>Integrated Product Development Track:</i><br><b>PDes 3714: Computer-Aided Design Methods 2:</b><br><b>Surface Modeling and Rendering</b> (spring only)<br><i>User Experience Track:</i><br><b>GDes 2342: Web Design</b> | 3   |
| <input type="checkbox"/> Liberal Education Requirement  | 3-4 |

Semester Credits 14-15

See Reverse



## Year Three

Fall Semester		Spring Semester	
<input type="checkbox"/> <b>Mgmt 3010: Introduction to Entrepreneurship</b>	4	<input type="checkbox"/> <b>PDes 3196: Product Design Internship</b>	2
<input type="checkbox"/> <b>PDes 3771: Product Design Studio 3</b> (fall only)	4	<input type="checkbox"/> <b>PDes 3705: History and Future of Product Design</b> (spring only)	3
<input type="checkbox"/> <b>Track Course:</b> <i>Integrated Product Development Track:</i> <b>ME 2011: Introduction to Engineering</b> (fall only) <i>User Experience Track:</i> <b>Des 3131: User Experience in Design</b>	4	<input type="checkbox"/> <b>PDes 3711: Product Innovation Lab*</b> (spring only)	4
		<i>* Because this is an interdisciplinary studio course, it is not advised to take it simultaneously with PDes 2772.</i>	
<input type="checkbox"/> Liberal Education Requirement	3-4	<input type="checkbox"/> Liberal Education Requirements	6-8
<b>Semester Credits</b>		<b>Good Term to Study Abroad/Away</b>	
	15-16	<b>Semester Credits</b>	15-17

## Year Four

Fall Semester		Spring Semester	
<input type="checkbox"/> <b>PDes 4701W: Capstone Research Studio</b> (fall only) (Writing Intensive)	4	<input type="checkbox"/> <b>PDes 4702W: Capstone Design Studio</b> (spring only) (Writing Intensive)	4
<input type="checkbox"/> <b>Program Electives</b> For course options, refer to your APAS report.	3-4	<input type="checkbox"/> <b>Program Elective</b> For course options, refer to your APAS report.	3-4
<input type="checkbox"/> Liberal Education Requirements or electives	6-8	<input type="checkbox"/> Liberal Education Requirements or electives	6-8
<b>Semester Credits</b>		<b>Semester Credits</b>	
	13-16		13-16

### Liberal Education Requirements *Not Met* by Major Requirements

#### Diversified Core

- Arts/Humanities
- Biological Science
- Historical Perspectives
- Literature
- Social Sciences

#### Designated Themes (Complete 4 of the 5.)

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