

Product Design Four-Year Plan

For Students Officially Admitted to the Program in Fall 2021 and Spring 2022 Only
(v. 3-3-21)

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** 4
OR **Phys 1301W: Introductory Physics for Science and Engineering I**
OR **Phys 1401V: 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
*If placed in Writ 1201, you must also complete Writ 1301 to fulfill the first-year writing requirement.

- Des 2101: Visual Presentation 1** 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

Semester Credits 15-16

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

Semester Credits 15

Spring Semester

- PDes 2772: Product Design Studio 2** (spring only) 4

- PDes 3706: Designing for Manufacture** (spring only) 4

- Track Course:** 3
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 14-15

See Reverse →

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Year Three

Fall Semester		Spring Semester	
<input type="checkbox"/> Mgmt 3010: Introduction to Entrepreneurship	4	<input type="checkbox"/> PDes 3196: Product Design Internship	2
<input type="checkbox"/> PDes 3771: Product Design Studio 3 (fall only)	4	<input type="checkbox"/> PDes 3705: History and Future of Product Design (spring only)	3
<input type="checkbox"/> PDes 3737: Product Design Portfolio (fall only)	2	<input type="checkbox"/> PDes 3711: Product Innovation Lab * (spring only) <i>* Because this is an interdisciplinary studio course, it is not advised to take it simultaneously with PDes 2772.</i>	4
<input type="checkbox"/> Track Course: <i>Integrated Product Development Track:</i> ME 2011: Introduction to Engineering (fall only) <i>User Experience Track:</i> Des 3131: User Experience in Design	4	<input type="checkbox"/> Liberal Education Requirements or electives	6-8
Semester Credits	14	Semester Credits	15-18

Year Four

Fall Semester		Spring Semester	
<input type="checkbox"/> Des 5185: Human Factors in Design (fall only)	3	<input type="checkbox"/> PDes 4702W: Capstone Design Studio (spring only) (Writing Intensive)	4
<input type="checkbox"/> PDes 4701W: Capstone Research Studio (fall only) (Writing Intensive)	4	<input type="checkbox"/> Program Elective For course options, refer to your APAS report.	3-4
<input type="checkbox"/> Program Electives 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	3-4		
Semester Credits	13-15	Semester Credits	13-16

Liberal Education Requirements *Not* Met by Major Requirements

Diversified Core

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

Designated Themes

(Complete RPJ plus 3 of the remaining 4.)

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

This is a sample plan subject to change prior to the start of Fall Term 2021.