

# Four-Year Plan PRODUCT DESIGN B.S.

For Students Officially Admitted to the Program in Fall 2022 or Spring 2023 Only  
(v. 3-22-2023)



COLLEGE OF DESIGN  
UNIVERSITY OF MINNESOTA

## YEAR 1: FALL

| COURSES  | CREDITS | NOTES  |
|--|---------|--|
| <b>PDes 2701:</b> Creative Design Methods (fall only)              | 3       | * For course options, refer to your APAS report. Note: Unless Calculus I is already completed, Stat 3011 is the preferred math option. |
| <b>PDes 2702:</b> Concept Sketching                                | 3       |  |
| <b>Math Requirement *</b> (Mathematical Thinking)                  | 4       | # For course options, refer to your APAS report.   |
| <b>Physics Requirement #</b> (Physical Science; Writing Intensive) | 4       |  |
| Total Credits  | 14      |  |

## YEAR 1: SPRING

| COURSES  | CREDITS | NOTES   |
|--|---------|---|
| <b>Des 2101:</b> Design and Visual Presentation                          | 2       | <b>Portfolio Review Held at End of Semester</b> |
| <b>PDes 2703:</b> Concept Visualization and Presentation 1 (spring only) | 3       |   |
| <b>PDes 2777:</b> Product Form and model Making (spring only)            | 3       |   |
| <b>Writ 1301:</b> University Writing                                     | 4       |   |
| Liberal Education Requirement  | 3-4     |   |
| Total Credits  | 15-16   |   |

## YEAR 2: FALL

| COURSES   | CREDITS | NOTES  |
|---|---------|--|
| <b>Des 3201:</b> Career and Internship Preparation for Design                               | 1       | * For course options, refer to your APAS report. |
| <b>PDes 2704:</b> Concept Visualization and Presentation 2 (fall only)                      | 3       |  |
| <b>PDes 2771:</b> Product Design Studio 1 (fall only)                                       | 4       |  |
| <b>PDes 3704:</b> Computer-Aided Design Methods 1: Solid Modeling and Rendering (fall only) | 3       |  |
| <b>Computing Requirement *</b>  | 4       |  |
| Total Credits   | 15      |  |

## YEAR 2: SPRING

| COURSES   | CREDITS | NOTES   |
|---|---------|---|
| <b>PDes 2772:</b> Product Design Studio 2 (spring only)   | 4       | * Refer to your APAS and <a href="#">Undergraduate Catalog</a> for course options. The Catalog groups courses by interest area. You may select courses from one category to focus on a particular area or choose courses across multiple categories. You must complete a minimum of 13 credits. |
| <b>PDes 3706:</b> Designing for Manufacture (spring only) | 4       |   |
| <b>Program Elective *</b>                                 | 3-4     |   |
| Liberal Education Requirements                            | 3-4     |   |
| Total Credits   | 14-16   |   |

*This is a sample plan subject to change prior to the start of Fall Term 2022.*

**YEAR 3: FALL**

| <b>COURSES</b>   | <b>CREDITS</b> | <b>NOTES</b> |
|--|----------------|--------------|
| <b>Mgmt 3015:</b> Introduction to Entrepreneurship     | 4              |              |
| <b>PDes 3771:</b> Product Design Studio 3 (fall only)  | 4              |              |
| <b>PDes 3737:</b> Product Design Portfolio (fall only) | 2              |              |
| Liberal Education Requirements                         | 3-6            |              |
| <b>Total Credits</b>                                   | <b>13-16</b>   |              |

**YEAR 3: SPRING**

| <b>COURSES</b>   | <b>CREDITS</b> | <b>NOTES</b>                              |
|--|----------------|---|
| <b>PDes 3196:</b> Product Design Internship *                        | 2              | * Refer to: z.umn.edu/required-internship |
| <b>PDes 3705:</b> History and Future of Product Design (spring only) | 3              | <b>Best Term to Study Abroad</b>          |
| <b>PDes 3711:</b> Product Innovation Lab                             | 4              |   |
| Liberal Education Requirements / Electives                           | 6-8            |   |
| <b>Total Credits</b>   | <b>15-18</b>   |   |

**YEAR 4: FALL**

| <b>COURSES</b>   | <b>CREDITS</b> | <b>NOTES</b>                             |
|--|----------------|--|
| <b>Des 5185:</b> Human Factors in Design (fall only)                       | 3              | * Refer to your APAS for course options. |
| <b>PDes 4701W:</b> Product Design Studio 4 (fall only) (Writing Intensive) | 4              |  |
| <b>Program Electives *</b>   | 6              |  |
| Liberal Education Requirement / Electives                                  | 3-4            |  |
| <b>Total Credits</b>   | <b>16-17</b>   |  |

**YEAR 4: SPRING**

| <b>COURSES</b>  | <b>CREDITS</b> | <b>NOTES</b>                             |
|---|----------------|--|
| <b>PDes 4702W:</b> Capstone Design Studio (spring only) | 4              | * Refer to your APAS for course options. |
| <b>Program Electives *</b>                              | 6-8            |  |
| Liberal Education Requirement / Electives               | 3-4            |  |
| <b>Total Credits</b>                                    | <b>13-16</b>   |  |

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

| <b>DIVERSIFIED CORE</b>  | <b>DESIGNATED THEMES<br/>(Complete RPJ plus 3 of the remaining 4.)</b>  | <b>WRITING INTENSIVE</b>  |
|--|---|---|
| <ul style="list-style-type: none"> <li>- Arts/Humanities</li> <li>- Biological Sciences</li> <li>- Historical Perspectives</li> <li>- Literature</li> <li>- Social Sciences</li> </ul> | <ul style="list-style-type: none"> <li>- Civic Life and Ethics</li> <li>- Global Perspectives</li> <li>- Race, Power, and Justice in the U.S. (RPJ)</li> <li>- Technology and Society</li> <li>- The Environment</li> </ul> | <ul style="list-style-type: none"> <li>- One course, either lower- or upper-division (may overlap with a Program Elective)</li> </ul> |

