



Twin Cities Campus

Product Design Minor

DESIGN GARP Administration

College of Design

- Program Type: Undergraduate free-standing minor
- Requirements for this program are current for Fall 2016
- Required credits in this minor: 16

Product design is inherently creative and interdisciplinary, blending design, engineering, business, art, and other humanities. The program focuses on physically crafting the future in the form of new objects, systems and services. This minor will provide students with a tool set for innovation that can be applied to their major area of study.

Program Delivery

This program is available:

- via classroom (the majority of instruction is face-to-face)

Admission Requirements

A GPA above 2.0 is preferred for the following:

- 2.80 already admitted to the degree-granting college
- 2.80 transferring from another University of Minnesota college

For information about University of Minnesota admission requirements, visit the [Office of Admissions website](#).

Minor Requirements

The product design minor requires a minimum of 16 credits.

Required core

- DES 2701 - Creative Design Methods (3.0 cr)
 - or PDES 5701 - User-Centered Design Studio (4.0 cr)
 - PDES 2702 - Concept Sketching (3.0 cr)
 - or PDES 5702 - Visual Communication (3.0 cr)
 - PDES 3711 - Product Innovation Lab (4.0 cr)
 - or PDES 5711 - Product Innovation Lab (4.0 cr)
- Select from the following to reach 16 total credits for the minor.
- ANTH 4121 - Business Anthropology (3.0 cr)
 - or CEGE 5571 *(Inactive)*[GP] (3.0 - 4.0 cr)
 - or DES 3131 - User Experience in Design (4.0 cr)
 - or DES 3321 - Furniture Design: Exploration (3.0 cr)
 - or DES 5185 - Human Factors in Design (3.0 cr)
 - or EE 4951W - Senior Design Project [WI] (4.0 cr)
 - or ESPM 3603 - Environmental Life Cycle Analysis (3.0 cr)
 - or GCC 5005 - Innovation for Changemakers: Design for a Disrupted World [GP] (3.0 cr)
 - or MGMT 3015 - Introduction to Entrepreneurship (4.0 cr)
 - or MGMT 4171W - Entrepreneurship in Action I [WI] (4.0 cr)
 - or MGMT 4172 - Entrepreneurship in Action II (4.0 cr)
 - or PDES 3170 *(Inactive)* (1.0 - 4.0 cr)
 - or PDES 2777 - Product Form and Model Making (3.0 cr)
 - or PDES 3704 - Computer-Aided Design 1: Solid Modeling and Rendering (3.0 cr)
 - or PDES 3705 - History and Future of Product Design (3.0 cr)
 - or PDES 3706 - Designing for Manufacture (4.0 cr)
 - or PDES 3715 - Design and Food (4.0 cr)
 - or PDES 4193 - Directed Study in Product Design (1.0 - 4.0 cr)
 - or PDES 5703 - Prototyping Methods (4.0 cr)
 - or PDES 5704 - Computer-Aided Design Methods (3.0 cr)
 - or PDES 5705 - History and Future of Product Design (3.0 cr)
 - or PDES 5706 - Designing for Manufacture (4.0 cr)
 - or EE 4981H - Senior Honors Project I (2.0 cr)
 - or EE 4982V - Senior Honors Project II [WI] (2.0 cr)
 - or ME 2011 - Introduction to Engineering (4.0 cr)



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or [ME 4054W](#) - Design Projects [WI] (4.0 cr)