

PRODUCT DESIGN (PRDN), BACHELOR OF SCIENCE

At Dunwoody College of Technology, the Product Design bachelor's degree is a visual arts major that focuses on blending artistic skill with product development for commercial markets. Through hands-on projects, students develop the skills to conceptualize, design, develop, and iterate products with an end user in mind. Students of this four-year program graduate ready to work in advertising, graphic design, and product development in industries that manufacture all categories of commercial products.

During the program, students benefit from cross-departmental learning that allows them to experience product design from initial idea all the way to launch. Focus is placed not only on the aesthetic properties of a product, but also on how it functions, is manufactured, and provides a valuable experience to users. Students learn the technical skills needed for product design, including industry-standard software such as AutoCAD, SolidWorks, and Adobe Creative Cloud. They also gain a deep understanding of the design process and learn to collaborate with others throughout that process. An emphasis is placed on sustainable design, along with utilizing standards that protect the health, safety, and well-being of stakeholders.

Coursework includes such topics as Engineering Drawings, Product Design, Design for Manufacturability, Packaging Design, Lighting Design, Furniture Design, 2D and 3D Design.

Arts & Sciences courses enhance and support the technical coursework.

Students complete a capstone project that demonstrates their skills in the field of Product Design.

Credential Earned: BS

Length of Program: 4 years (8 semesters)

Classes Offered: Day on Campus

Available Starts: Fall Semester only

Program Outcomes

- Communicate visually and verbally with a variety of stakeholders.
- Apply knowledge of human experience and global context to design solutions.
- Apply the design process and the principles and elements of Design.
- Utilize standards that protect the health, safety, and well-being of stakeholders.
- Demonstrate knowledge of and responsibility for sustainable Design.

Degree Requirements

Code	Title	Credits
General Requirements		
ARTS1250	Design History	3
ARTS2200	Global Design History	3
SOCSCI	Social Science Elective	3
MATH/ NSCI	Math/Natural Science Elective	3
COMM	Communications Elective	3
GENELEC	General Electives	15
Technical Requirements		
SODN1011	Foundation Studio	5
SODN1012	Design Representation	3
MDES1110	Engineering Drawings with SolidWorks	4
PRDN1014	Industry and Profession	1
MENG1210	Machining for Engineers Lab	2
MENG1220	Machining for Engineers Theory	2
SODN1022	Packaging Design	3
SODN1023	Design Principles	3
MDES2120	Product Design Theory	4
MDES2110	Product Design Lab	5
SODN1502	3D Concepts	1
MENG3111	Design for Manufacturability with Lab	3
ENGR4110	Engineering Ethics	2
MDES2130	Advanced Solidworks	4
SODN2023	Portfolio Design	3
PRDN3011	Handheld Studio	5
SODN3012	Sustainable Design	3
SODN3014	Surface Design	3
SODN3015	Design Communication	1
SODN3021	Branding Studio	5
SODN2022	Lighting Design	3
SODN3022	Furniture Design	3
SODN3024	2D Design	1
PRDN4011	Wearable Studio	5
SODN4012	Design Research	3
SODN4013	Designing Careers	3
SODN4014	3D Design	1
PRDN4021	Capstone Studio	5
SODN3023	Universal Design	3
SODN4024	4D Design	1
Total Credits		120