

Undergraduate Program Requirements

Design Program Requirements

Currently displaying program requirements for academic year: UNDG 2012-2013 ▼

Product Design BFA 2012

78 credits required. Grade of "C" or better required in all major courses. GPA of 3.0 or better required in the major for BFA candidates. Upon successful completion of this program, students will be able to: 1. Describe, analyze, and interpret products within social, historical and theoretical contexts. 2. Apply the appropriate knowledge, skills, materials and technical processes, research methodologies and critical thinking to visual problem solving, three-dimensional form giving, market and user studies, and life cycle analysis in mass production. 3. Demonstrate manual skills of quick ideation sketching and model making, drawing, and digital skills of working with 2, 3, and 4D digital tools and other digital software relevant to product design. 4. Generate independent ideas and solutions through innovative use of materials and technology, greater efficiency, dematerialization and better adaptation to the natural environment. 5. Present a succinct, cohesive, critically edited and interpreted body of work. Additional notes: History of Art I and II do not count toward the LAS Core. If you are completing the Art History Minor, History of Art I and II (22-1101/22-1102) will double count toward both the major and the minor. No other courses will double count toward both the major and the minor.

Product Design

First Term

Courses: 3/3

Course	Title	Credits	Grade
22-1701	Product Design: Drawing I	3	C
OR 1 of the following:			
	22-1210 Drawing I	3	C
22-1220	Fundamentals of 2-D Design	3	C
22-1700	Product Design I: Materials and Techniques	3	C

Second Term

Courses: 3/3

Course	Title	Credits	Grade
22-1230	Fundamentals of 3-D Design	3	C
22-1705	Product Design II: Design Paradigms	3	C
22-1710	Introduction to CAD for Product Design	3	C

Third Term

Courses: 4/4

Course	Title	Credits	Grade
22-1101	History of Art I: Stone Age to Gothic	3	C
22-2710	Product Design III: Product Semantics	3	C
22-2705	Intermediate CAD for Product Design	3	C
22-2935	Introduction to Digital Visual Strategies	3	C

Fourth Term

Courses: 4/4

Course	Title	Credits	Grade
22-1102	History of Art II: Renaissance to Modern	3	C

22-2715	Advanced CAD for Product Design	3	C
22-2720	Form Analysis for Product Design	3	C
22-3700	Product Design IV	3	C

Fifth Term Courses: 2/2

Course	Title	Credits	Grade
22-3710	Product Design V	3	C
22-3720	Manufacturing for Product Design	3	C

Sixth Term Courses: 1/1

Course	Title	Credits	Grade
22-3715	Digital Presentation Techniques	3	C

Seventh Term Courses: 1/1

Course	Title	Credits	Grade
22-3740	Product Design Thesis I	3	C

Eighth Term Courses: 3/3

Course	Title	Credits	Grade
22-3741	Product Design Thesis II	3	C
22-3750	Product Design Professional Business Practices	3	C
22-3955	Interactive Portfolio Design	3	C

Choose 15 credits from the following list of Product Design electives. These courses may be taken anytime, once pre-requisites are met.

Product Design Electives Courses: 5/5

Course	Title	Credits	Grade
22-1330	Information Design	3	C
22-2172	Design Culture Now	3	C
22-2725	Interaction Design	3	C
22-2740	Toy Design	3	C
22-2745	Introduction to Exhibition Design	3	C
22-2750	3-D Freeform Surface Modeling	3	C
22-2901	Interdisciplinary Strategies in Art & Design	3	C
22-2936	Strategies for Objects and Multiples	3	C
22-2946	Furniture Construction	3	C
22-2944	Furniture Design	3	C
22-3360	Packaging Design	3	C
22-3361	Packaging Design II	3	C
35-3620	Introduction to Robotics	3	C
22-3988	Internship: Art and Design	1	C

OR 1 of the following:

21-3988 Internship: Design

1

C

22-ELEC*****

C

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