

# Industrial Design (INDD)

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Students of Industrial Design (INDD) learn the basic principles of design, engineering, human factors, marketing and sociology. They acquire such technical skills as computer-aided design and drafting, prototype fabrication, photography, sketching and graphics techniques. Students are introduced to design methods, color theory, product planning, visual communication, materials, manufacturing methods, consumer psychology and environmental studies. The four and a half year (nine semester) curriculum, accredited by the National Association of Schools of Art and Design, leads to the professional Bachelor of Industrial Design degree. Graduates will qualify for industrial design and user experience positions within corporate and consultant offices and in various industries. Motivated students will be considered for admission to the Graduate Program in industrial design. Students are encouraged to pursue internships during their time in the curriculum.

The required INDD First Year Studio summer coursework is offered to students in good standing who meet the following criteria: completion of 24 credit hours of university work or approval of the School Head. Students are not required to have completed the INDD freshman model curriculum before enrolling in the summer semester INDD First Year Studio. The First Year Studio summer coursework is only offered in the summer semester.

Admission into the INDD Professional Program (starting fall semester after summer studio) is selective and limited. Admission criteria can be found below the curriculum model.

## Freshman

Fall	Hours	Spring	Hours	Summer	Hours
ENGL 1100 English Composition I	3	ENGL 1120 English Composition II	3	<b>INDD 1310 Synthesis of Drawing</b> <sup>2</sup>	<b>10</b>
HIST 1210/1217 Technology and Civilization I	3	HIST 1220/1227 Technology And Civilization II	3	<b>INDD 1320 Prototype Fabrication</b>	<b>3</b>
Core Mathematics	3	Core Science	4	<b>INDD 1400 Careers in Industrial Design</b>	<b>2</b>
<b>INDD 1120 Industrial Design in Modern Society</b> <sup>1</sup>	3	Core Fine Arts (Humanities)	3	After successful completion of this studio sequence, the top 45 students, based on grade point averages accumulated during the summer semester, are allowed to proceed into the fall semester industrial design professional program.	
Free Elective	1				
			<b>13</b>		
			<b>13</b>	<b>15</b>	

## Sophomore

Fall	Hours	Spring	Hours
Core Science	4	Core Social Science	3
<b>INDD 2110 Two Dimensional Industrial Design Principles</b> <sup>2</sup>	6	Study Abroad- optional	
<b>INDD 2120 Computer and Design Communications</b>	3	<b>INDD 2210 Three Dimensional Industrial Design Principles</b> <sup>2</sup>	6
<b>INDD 2130 Presentation Rendering</b>	3	<b>INDD 2220 Anthropometry</b>	3
		<b>INDD 2230 History of Industrial Design</b>	3
			<b>15</b>
			<b>16</b>

**Junior**

<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
Core Humanities		3 Core Social Science	3
<b>INDD 3110 Exhibit and Packaging<sup>2</sup></b>	<b>6</b>	<b>INDD 3210 Product Design<sup>2</sup></b>	<b>6</b>
<b>INDD 3120 Industrial Design Methods</b>	<b>3</b>	<b>INDD 3220 Materials and Technology</b>	<b>3</b>
<b>INDD 3130 Basic Photography for Industrial Design</b>	<b>3</b>	<b>INDD 3230 Advanced Computer Aided Design</b>	<b>3</b>
	<b>15</b>		<b>15</b>

**Senior**

<b>Fall</b>	<b>Hours</b>	<b>Spring</b>	<b>Hours</b>
Core Literature (Humanities)		3 Core Humanities (Philosophy)	3
<b>INDD 4110 Advanced Product Design<sup>2</sup></b>	<b>6</b>	<b>INDD 4210 Industrial Design Thesis<sup>2</sup></b>	<b>6</b>
<b>INDD 5120 Professional Portfolio</b>	<b>3</b>	<b>INDD 4220 Professional Practice</b>	<b>3</b>
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	<b>12</b>		<b>12</b>

**Total Hours: 126**

<sup>1</sup> INDD 1120 is offered in both fall and spring semesters of each year.

<sup>2</sup> Professional Fee Charged

**Acceptance and Progression in the Professional Industrial Design Program**

The department maintains the right to select the most highly qualified students from the INDD First Year Studio summer coursework for admission to and for continuation in the INDD professional program. The top forty-five students with an average above 70-percent, based on grade point averages accumulated in INDD 1310 during the INDD First Year Studio summer semester, are allowed to proceed into the Fall semester industrial design professional program. There is no prerequisite experience in drawing, design, or model fabrication to qualify for the First Year Summer Design Studio. Students not admitted into the professional INDD program may retake the summer studio coursework in subsequent years and are re-ranked against new applicants and available resources in that year level. The department reserves the right to retain original work accomplished as part of course instruction.

After a student is accepted into the Professional Industrial Design program, the student must make at least a grade of C or higher in studio courses to matriculate through the professional program. Grades below C in studio courses 1310 through 4210 must be repeated. Design courses must be taken in sequence unless otherwise approved by the School Head.