

# Industrial Design 133 credits

College of Design

NAME \_\_\_\_\_

2023 CATALOG

<b>University Requirements</b> - <i>may be fulfilled simultaneously with other requirements</i>	<b>6.0</b>
International Perspectives	3.0
US Diversity	3.0

<b>Communications</b>	<b>10.0</b>
ENGL 150 (C or better)	3.0
ENGL 250 (C or better)	3.0
Select 1: CMDIS 286, COMST 101/211, SP CM 212, THRE 251	3.0
LIB 160	1.0

<b>Humanities*</b>	<b>6.0</b>
	3.0
	3.0

<b>Social Sciences*</b>	<b>6.0</b>
	3.0
	3.0

<b>Mathematical, Physical, and Biological Sciences*</b>	<b>6.0</b>
Physics: Physics 101 or 302 recommended	3.0
Math	3.0

<b>Additional General Education Courses*</b>	<b>9.0</b>
(300-400 Level)	3.0
(300-400 Level)	3.0
Any level	3.0

<b>College of Design Core</b>	<b>13.0</b>
DSN S 102 Design Studio I	4.0
DSN S 131 Design Representation	4.0
DSN S 183 Design Culture	3.0
DSN S 115 Design Collaborative (or DSN S 110)	1.0
DSN S 132 Digital Design Literacy (take with 102)	1.0

<b>Industrial Design Studio Sequence</b>	<b>24.0</b>
IND D 201 Industrial Design Studio I	6.0
IND D 202 Industrial Design Studio II	6.0
IND D 301 Industrial Design Studio III	6.0
IND D 499 Senior Project	6.0

<b>Industrial Design Requirements</b>	<b>27.0</b>
IND D 220 Concept Sketching	3.0
IND D 250 Activity-Centered Industrial Design	3.0
IND D 260 Engineering: Thought to Thing	3.0
IND D 320 Design Research Methods	3.0
IND D 330 Creative Thinking in Design	3.0
IND D 340 Computer Aided Industrial Design I	3.0
IND D 360 Materials and Processes in Industrial Design	3.0
IND D 370 How Things Work	3.0
IND D 440 Portfolio and Professional Practice	3.0

<b>History, Theory, and Culture (HTC)</b>	<b>15.0</b>
IND D 210 Fundamentals of Industrial Design	3.0
IND D 280 History of Industrial Design	3.0
IND D 380 History and Culture of Objects	3.0
Course from approved list(Humanities/Social Sci)	3.0
Course from approved list(Humanities/Social Sci)	3.0

<b>Experiential Learning (EXP)</b>	<b>6.0</b>
May include internship, study abroad, sponsored project, or other options/studios with department approval. Different options may be worth different credits and may require two options to reach 6 required credits. Check with your advisor for degree planning.	

<b>Industrial Design Departmental Electives</b>	<b>12.0</b>
May include IND D 240, 350, 435, 460, 465, 520, 530, 540, 550, 560, 570, or 580. May include other options as approved by department.	3.0
	3.0
	3.0
	3.0

\*Additional details for course eligibility on reverse

Aug 2023 update

## Approved List of General Education Courses

	Year 1	Fall Semester	Spring Semester
<p>* For a complete list of approved courses for Humanities, Social Sciences, and Math/Science, consult the <i>Iowa State University College of Liberal Arts and Sciences General Education Approved Course List</i>. World language courses will also fulfill Humanities credit. Courses within the College of Design (ARTGR, ARCH, ART H, C R P, DSN S, DES, IND D, ARTID, L A) do not fulfill general education requirements for IND D majors.</p> <p>HTC: any Social Science or Humanities, including courses within the College of Design</p> <p>Summers: not required, but may fulfill EXP credit via Internship or Study Abroad for EXPeriential Learning</p> <p>**If planning to study abroad, work with your advisor to determine when to fulfill EXP vs. departmental elective credits.</p>		DSN S 102 or DN S 131 (DSN S 132 if taking 102)	DSN S 102 or DSN S 131 (DSN S 132 if taking 102)
		4	4
		0-1	0-1
		1	3
		3	3
		3	1
		3	3
		3	3
		15-16	16-18
	Year 2	IND D 201 IND D 210 IND D 220 IND D 280	IND D 202 Departmental Elective IND D 250 IND D 260 Gen Ed (social science or humanities)
		6	6
		3	3
		3	3
		3	3
		15	18
	Year 3	IND D 301 IND D 320 IND D 340 IND D 360 Gen Ed (social science or humanities)	**EXP Learning or Dept. Electives IND D 330 IND D 370 IND D 380 Gen Ed (social science or humanities)
		6	6
		3	3
		3	3
		3	3
		3	3
		18	18
	Year 4	<i>Study abroad option:</i> **EXP Learning or Dept. Electives Departmental Elective HTC HTC 300+ Gen Ed	IND D 499 IND D 440 Gen Ed Gen Ed
		6	6
		3	3
		3	3
		3	3
		18	15