## Industrial Design, B.S. Minor (not required) 2022-2023 Catalog Year

First Year	Courses	Credits
Fall: 16 Credits	ART 1141: Studio Foundations: Drawing	3
	Oral Communication (COMM 1010)	3
	IND 1000: Intro to Industrial Design	1
	IND 1100: Materials I - Materials and Fabrication	3
	IND 1470: Design Drawing Techniques	3
	Written Communication (ENG 1010/1020)	3
	Total	16
Spring: 15 Credits	ART 1101: Studio Foundations: 2D	3
	IND 3050: Advanced Sketching	3
	IND 1450: Technical Drawing and CAD	3
	IND 1300: Materials II - Design and Application	3
	Written Communication (ENG 1020/1030)	3
	Total	15

Second Year	Courses	
Fall: 17 Credits	ART 1501: Studio Foundations: 3D	3
	IND 2100: Digital Composition	3
	PHY 1000: Introduction to Physics	4
	Arts & Humanities (ARTH 1500)	3
	Quantitative Literacy (Any math works!)	4
	Total	17
Spring: 13 Credits	Arts & Humanities (ARTH 1700, *GD)	3
	IND 2450: Beginning Industrial Design Studio	4
	IND 2830: Manufacturing Materials and Processes	3
	IND 3480: Industrial Design Model Making	3
	Total	13

<sup>\*</sup>MC = multicultural class

Third Year	Courses	Credits
Fall: 16 Credits	IND 3450: Intermediate Industrial Design Studio	4
	IND 3660: Computer Aided Modeling	3
	IND 3950: History of Industrial Design	3
	Social and Behavioral Sciences	3
	Social & Behavioral Sciences (PSY 1001)	3
	Total	16
Spring: 15 Credits	IND 3800: Design for Marketability and Mfg	3
	IND 4450: Advanced Industrial Design Studio	3
	Natural and Physical Sciences	3
	IND 3400: Product Usability and Ergonomics	3
	IND Elective	3
	Total	15

Fourth Year	Courses	Credits
Fall: 13 Credit	IND 3600: Digital Visualization Techniques in ID	3
	IND 4540: Concept and Portfolio Development	4
	History (MC recommeneded)*	3
	IND Elective	3
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	Total	16
Spring: 13 Credits	IND 4460: Professional Industrial Design Studio	4
	IND 4960: Professional Internship	3
	IND Elective	3
	IND Elective	3
	Total	13

TOTAL	121