DEGREE REQUIREMENTS 2022-2023

Industrial Design Major for Bachelor of Science
(Minor Not Required)

General Studies - Required Courses | | Credit Hours

	Communication (*COMM 1010 recommended but not required*)	3†
	Written Communication (*ENG 1010 recommended but not required*)	3†
	Written Communication (*ENG 1020 recommended but not required*)	3†
	Quantitative Literacy (*MTH 1210 recommended but not required*)	3†
ARTH 1500	Art and Visual Literacy (*required for IND majors*)	3
ARTH 1700	Word Art II: Art 1400-1900 (*required for IND majors*)	3
	Natural and Physical Science (*PHY 1000 recommended but not required*)	3†
	Social and Behavioral Science II (*PSY 1001 recommended but not required*)	3†
IND 2810	Social and Behavioral Science I (*also fulfills Global Diversity and Multi-Cultural requirements*†*)	3
	Natural and Physical Science	3†
	Historical	3†
	Include a Multi-Cultural Course	*†
Subtotal		**33**
†**Among approved general studies courses:** https://www.msudenver.edu/general-studies/courses/ ***All the courses listed may be used to satisfy General University Requirements**		

IND Major - Required Courses | | Credit Hours

ART 1101	Studio Foundations: 2D	3
ART 1141	Drawing I: Black and White	3
ART 1501	Studio Foundations: 3D	3
IND 1000	Introduction to Industrial Design	1
IND 1100	Materials I	3
IND 1450	Technical Drawing and CAD	3
IND 1470	Design Drawing Techniques	3
IND 1300	Materials II	3
IND 2100	Digital Composition	3
IND 2450	Beginning Industrial Design Studio	4
IND 2830	Manufacturing Materials and Processes	3
IND 3050	Advanced Sketching	3
IND 3400	Product Usability and Ergonomic	3
IND 3450	Intermediate Industrial Design Studio	4
IND 3480	Industrial Design Model Making	3
IND 3600	Digital Visualization Techniques in ID	3
IND 3660	Computer Aided Modeling	3
IND 3800	Design for Marketability & Manufacturing	4
IND 3950	History of Industrial Design	3
IND 4450	Advanced Industrial Design Studio	4
IND 4460	Professional Industrial Design Studio	4
IND 4540	Concept and Portfolio Development	4
IND 4960	Professional Internship	3
Subtotal		**73**

Electives (*Must be relevant to Industrial Design*)	*14*
Students should consult with an IND Faculty Advisor before selecting electives.	
Total	**120**

Flip page for list of Minor Degree requirements

DEGREE REQUIREMENTS 2022-2023

Industrial Design Minor

There is an increasing trend in business to value individuals who have education backgrounds in both business and a technical field such as Industrial Design. Therefore, this minor would be an excellent option for majors in the School of Business. The minor may also receive interest from students in areas that are linked to design such as, Art, Technical Communications, and Engineering.

The IND Minor degree was established in fall 2009.

Minor not required for IND majors.

IND Minor - Required Courses		Semester Hours
IND 1000	Introduction to Industrial Design	1
IND 1100	Materials I	3
IND 1300	Materials II	3
IND 1450	Technical Drawing and CAD	3
IND 1470	Design Drawing Techniques	3
IND 2455	Industrial Design Studio for Non-Majors or *(IND 3000: Design Thinking – with course exemption completed upon completion)*	3
IND 2830	Manufacturing Materials and Processes	3
IND 3950	History of Industrial Design	3

Total		22

Flip page for list of Major Degree requirements