INDUSTRIAL DESIGN COMPREHENSIVE MAJOR: INDUSTRIAL DESIGN EMPHASIS

Completion of a senior exhibition showcasing work created during the junior or senior year. A minimum of 60 credits is required including:

Code	Title	Credits
MATH 151	Calculus I (GT-MA1)	4
ART Courses		15
ART 119	Foundation Drawing I	
ART 171	Foundation Design: Two-Dimensional	
or ART 172	Foundation Design: Three-Dimensional	
ART 222	Art History I	
or ART 223	Art History II (GT-AH1)	
ART 230	Introduction to Sculpture	
or ART 203	Introduction to Ceramics	
ART 400	Artist's Portfolio/Senior Exhibition	
Graphic Design Courses		6
DES 173	Foundation Design: Digital Art and Design	
DES 270	Introduction to Graphic Design and Illustration	
Engineering Courses		7
ENGR 131	Introduction to Engineering Design	
ENGR 161	COMPUTER-AIDED DESIGN	
ENGR 162	Fabrication	
Industrial Design Courses		27
IND 100	Introduction to Industrial Design	
IND 200	Materials: Materials and Fabrication	
IND 300	Materials: Design and Application	
IND 310	Industrial Design Studio 1	
IND 320	Product Usability and Ergonomics	
IND 410	Industrial Design Studio 2	
IND 415	Design Drawing Techniques	
IND 430	Industrial Design Model Making	
IND 499	Professional Internship	
SA 400	Immersive Experience in the Arts	1
Total Credits		**60**

Capstone Requirement
The following course in the Industrial Design Major fulfill the capstone course requirement: ART 400 Artist's Portfolio/Senior Exhibition

Western Watershed General Education Requirements

Students must complete all Western Watershed General Education requirements to graduate.

Graduation Requirements

Undergraduate programs require a minimum of 120 semester credits for graduation. Of those 120 credits, 40 credits must be in upper-division courses (those marked 300 and above). Fifteen of these 40 upper-division credits must be earned in courses that are part of the standard or comprehensive major program being pursued.

Students are expected to review all graduation requirements, which can be found in the Western Undergraduate Catalog: Graduation Requirements (https://catalog.western.edu/undergraduate/graduation-requirements/).

Sample Plan

Degree Plans are for planning purposes. They reflect a suggested plan to complete the degree in a projected timeframe per program of study.

"Western Watershed Course(s)" refers to a course from the Tributaries area of the Western Watershed program. These courses should be chosen in consultation with the student's advisor.

Course	Title	Credits
Year One		
Fall		
ART 119	Foundation Drawing I	3
DES 173	Foundation Design: Digital Art and Design	3
ENG 102	Writing and Rhetoric I (GT-CO1) (Western Watershed Fundamental Skills - Writing I)	3
IND 100	Introduction to Industrial Design	3
WWGE 101/102/103/104	Headwaters (select one)	2
	Credits	**14**
Spring		
ART 172	Foundation Design: Three-Dimensional	3
ENG 103	Writing and Rhetoric II (GT-CO2) (Western Watershed Fundamental Skills - Writing II)	3
ENGR 131	Introduction to Engineering Design	3
IND 200	Materials: Materials and Fabrication	3
MATH 151	Calculus I (GT-MA1) (Western Watershed Fundamental Skills - Mathematics)	4
	Credits	**16**
Year Two		
Fall		
ART 230 or ART 203	Introduction to Sculpture or Introduction to Ceramics	3
DES 270	Introduction to Graphic Design and Illustration	3
ENGR 161	COMPUTER-AIDED DESIGN	3
IND 310	Industrial Design Studio 1	3
Western Watershed	Western Watershed GE course	3
	Credits	**15**
Spring		
ART 222 or ART 223	Art History I or Art History II (GT-AH1)	3
ENGR 162	Fabrication	1
IND 300	Materials: Design and Application	3
Western Watershed	Western Watershed GE course	3
Western Watershed	Western Watershed GE course	3
Western Watershed	Western Watershed GE course	3
	Credits	**16**
Year Three		
Fall		
Elective	Elective course	3
IND 410	Industrial Design Studio 2	3
IND 415	Design Drawing Techniques	3
Western Watershed	Western Watershed GE course	3
Western Watershed	Western Watershed GE course	3
Western Watershed	Western Watershed GE course	1
	Credits	**16**

Spring		
IND 320	Product Usability and Ergonomics	3
SA 400	Immersive Experience in the Arts	1
Western Watershed	Western Watershed GE course	3
Western Watershed	Western Watershed GE course	3
Western Watershed	Western Watershed GE course	3
WWGE 301/302/303/304	Delta Watershed course	1
	Credits	**14**
Year Four		
Fall		
IND 430	Industrial Design Model Making	3
Elective	Elective course	3
Elective	Elective course	3
Elective	Upper Division Elective course	3
Elective	Upper Division Elective course	3
	Credits	**15**
Spring		
ART 400	Artist's Portfolio/Senior Exhibition	3
IND 499	Professional Internship	3
Elective	Upper Division Elective course	3
Elective	Upper Division Elective course	3
Elective	Upper Division Elective course	3
	Credits	**15**
	Total Credits	**121**