

Industrial Design, BS



Engineering & Design
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Pre-major Advisor
Lisa Ochs
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ET 204

Plan of Study 2019-2020 Academic Year 148 Total Credits for Major

*All students must submit an Industrial Design Entrance Portfolio to be admitted as a pre-major in Industrial Design; students cannot apply for the Major unless all pre-major prerequisites have been satisfied with a grade of C- or better. Admission to the program is competitive. See reverse side for Entrance Portfolio information.

*Course offerings/schedule are subject to change

Fall Quarter

Winter Quarter

Spring Quarter

Year 1 Pre-major	ID 110 ID Foundation I (4) <u>FW</u>	ART 109 Visual Dialogue (3) <u>FWS</u>	ENGR 104 Intro Eng. & Design (3) <u>FWS</u>
	ID 120 ID Foundation II (4) F	MATH 115 Pre-Calc II (5) <u>FWS</u>	ID 130 History of Industrial Design (3) S
	MATH 114 Pre-Calc I (5) <u>FWS</u>	GUR: ACOM	GUR: HUM
			GUR: LSCI

Sophomore Review: End of Winter Quarter

Major Starts Spring Quarter Year 2

Year 2 Pre-Major	ID 210 Sophomore ID I (4) F	ID 220 Sophomore ID II (5) W	ID 230 Sophomore ID III (5) S
	ID 310 Perspective & Rendering (4) F	ID 320 ID CAD Skills (4) <u>WS</u>	ECON 206 Microeconomics (4)(SSC) <u>FWS</u>
	PHYS 114 Principles of Phys I (5) <u>FW</u>	PHYS 115 Principles of Physics II (5) <u>WS</u>	DSGN 249 Graphic Design (4) <u>FS</u>
			GUR: B/CCOM

Year 3 Major	ID 350 Junior ID I (5) F	ID 360 Junior ID II (5) W	ID 370 Junior ID III (5) S
	ID 330 Intro to CAD (4) F	ID 340 Perspective & Rendering II (4) W	MFGE 231 Intro Manuf Process (4) <u>FS</u>
	ART 203 Foundation Drawing II (4) <u>FWS</u>	ID 380 Materials for Design (5) W	ART elective (see #2 below)
	ART elective (see #2 below)	Art History elective (see #3 below)	GUR: SSC

Year 4 Major	ID 410 Senior Industrial Design I (5) F	ID 420 Senior Industrial Design (5) W	ID 430 Senior Industrial Design III (5) S
	Business elective (see #4 below)	Business elective (see #4 below)	ENG 302 Intro Tech Writing (WP) (5) <u>FWS</u>
	A/HI 271 (ACGM) (3) F	GUR: BCGM	Art History elective (see #3 below) (3)
		Art History elective (see #3 below)	

Notes:

- Students are strongly encouraged to pursue a Summer Internship to gain industry experience between Year 3 and Year 4.
- 2D and 3D ART electives (Choose one from 304, 305, 306, 320, 322, 324, 350) and (Choose one from 230, 331, 332, 340)
- Art History electives (Choose four from A/HI 210,220,221,230,231,240,241,250,270,271,301, LBRL 273, DSGN 111, 211)
- Business elective (Choose two from MGMT 311, MKTG 380, MGMT 271 (SSC), IBUS 370, ENTR 246)
- The ID program fulfills General University Requirements (GURs) for QSR, 2 HUM, 2 SSC, ACGM, SCI, 1 LSCI, and Writing Proficiency (WP). The GUR categories listed on this Planning Guide are what a student would need to complete beyond the GURs that the Major fulfills. Refer to the WWU Degree Planning Guide for further information and a list of GUR course options.
http://www.wvu.edu/registrar/bach_information/gur.shtml
- Sophomore Review: In order to be eligible, students must complete all courses in BOLD in Years 1 & 2. 12 Juniors accepted per year. 3.13.19

Admissions—

Program Admissions: Admission to the Industrial Design (ID) major is a two-phase process. The ID program at Western Washington University requires an **Entrance Portfolio** submission in order to be accepted as a **pre-major**. This initial screening process helps to determine a candidate's potential for success in the program. In order to declare a pre-major in ID, an applicant must submit an Entrance Portfolio to the ID program *after* they have been accepted to the university. The program reserves the right to be the sole judge of who is accepted to the program. In order to maintain academic program quality in relation to faculty, staff, and facilities, the program limits the number of applicants admitted.

Entrance Portfolio: A portfolio is a collection of an applicant's best work, demonstrating the applicant's interests and skills, and is presented as professionally as possible. Applicants should submit only original work from high school/university courses, professional work, or self-initiated projects. Showing different stages of projects is encouraged. Applicants are strongly encouraged to include work from as many of the following areas as possible:

1. **Sketching**—examples of free-hand drawing that express ideas, creative problem solving, show a variety of concepts, and/or an ability to draw
2. **2D Design**—examples of page layout, composition, color, etc., as demonstrated in an illustration, advertisement, website, painting, or other 2-dimensional work
3. **3D Design**—examples of form development, construction, craftsmanship, etc., as demonstrated in a 3-dimensional piece (e.g. model, ceramics, sculpture, clothing, jewelry, etc.)
4. **Computer skills**—examples of computer-aided drafting (CAD), and/or evidence of aptitude in drawing/image editing software such as Rhinoceros, Adobe Illustrator, Photoshop, etc.

Format:

A maximum of twelve original pieces (or 18 total pages) are allowed. A piece may be allotted more than one page. **The portfolio must be a PDF or a website.** The applicant's last name should appear in the title of the PDF or the web address, such as "MorrisIDportfolio.pdf". This PDF must be less than 25 MB in size. Video, animation or other time-based materials may be sent on a flash drive or a linked web address. Portfolios should be emailed to lisa.ochs@wwu.edu. Please include the Application form found on the Pre-major Admissions webpage.

Each piece should be clearly marked with the applicant's name, title of the project, medium (materials/software used), size, date of completion, and story behind the piece. In the case of professional or group projects, applicants should indicate their personal responsibilities. Portfolios are reviewed by the Industrial Design Committee three times per year prior to the quarter of acceptance to the major.

Submission deadlines: **October 22** for winter quarter
 January 21 for spring quarter
 April 06 for fall quarter

*** Portfolios should be emailed to lisa.ochs@wwu.edu**

Applicants may re-apply after improving the contents of their portfolio if they are not initially accepted. For information on submitting your portfolio, please visit the Industrial Design Admissions website at: cse.wwu.edu/engineering-design/pre-major-admissions.

Sophomore Review and Major Prerequisite courses: ID 110, ID 120, ID 210, ID 310, ID 220, ENGR 104, MATH 115/118, PHYS 114 and ART 109. Students must have successfully completed these courses (or their transfer equivalents) to submit their portfolio for Sophomore Review (admission as a full ID major) at the end of winter quarter. A final decision on your application may be delayed until receipt of final grades for in-progress courses. Students must obtain at least a C- in the above courses and an overall GPA in them of 2.0 or higher to be considered. AP scores are converted to GPA as follows: 5 = A; 4 = B; 3 = C. **For those who are accepted as ID majors**, it is important that the following courses are completed by the end of the Spring quarter Year 2: ID 230, ECON 206, ID 320 and PHYS 115. These are prerequisites for Junior level courses.

Contact Information for Industrial Design faculty:

Jason Morris, Professor & ID Program Director: Jason.Morris@wwu.edu; 360.650.2514; ET 335

Arunas Oslapas, Professor: Arunas.Oslapas@wwu.edu; 360.650.3425; ET 337

Dell King, Visiting Professor: by appointment only