

Your Program Requirements

This program guide defines the 20.0 credits required for the Bachelor of Design (BDes) in Industrial Design, including Major requirements (specific courses and course options), Arts & Science requirements and open electives.

Of the 20.0 credits required, the following applies:

- No more than 6.0 credits may be at the 1000 level
- At least 5.0 credits must be at the 3000 level or higher, including at least 1.0 credit at the 4000 level or higher
- At least 1.5 credits of Arts & Science courses must be at the 3000 or 4000 level

Reading Your Program Guide

Course Codes

Codes begin with a four letter subject code followed by four digits. The first digit indicates the year level of the course. For example, *GRPH-2004* designates a specific *Graphic Design* course at the *2000 level*. Generally, students complete 1000 and 2000 level courses before 3000 and 4000 level courses.

Course Weight

- 0.5 credit courses typically meet three hours per week for a 12-week term.
- 1.0 credit courses typically meet six hours per week for a 12-week term.

Major Requirements - Course Options

Although a specific number of credits are required from each category, you may choose to take additional courses from these lists as open electives.

Sample 4 Year Plan & Helpful Planning Information (at the end of this package)

The program is structured so that it can be completed in four years, by a student taking 2.5 credits per term in the fall and winter terms (a limited number of courses are also offered in the spring/summer terms). The sample plan will help you plan your courses.

In addition to general planning tips and suggested pathways, the helpful planning information can include recommended courses for your program and tips on meeting prerequisites for electives you may want to take.

If you want to accelerate your program progression, are attending part time or with a reduced course load, and require planning support, please contact **Student Advising** at ocadu.ca/services/academic-advising.

More Information

Your program and degree requirements are also reflected on your **My Progress** page within My OCAD U Records (Self-Service) at selfservice.ocadu.ca/student.

View course offerings (available sections), course descriptions, prerequisites and more in the **Course Catalogue** at selfservice.ocadu.ca/student/courses.

View **videos and guides** on program planning and registration at ocadu.ca/reg-guides.

Industrial Design – 2024/2025 Program Guide

Major Requirements

Specific Courses:

Courses designated 'core': First, second- and third-year core courses each require a minimum grade of 60% in the identified prerequisite core course. To meet graduation requirements, students must also complete their final core course with a minimum grade of 60% as well as have a minimum 60% average for all of the core courses.

Course Code	Course Title	Course Credit
INDS-1007	Product Design Foundations (core)	1.0 credit
INDS-1008	Circular Design (core)	1.0 credit
INDS-2016	Human Centred Design (core)	1.0 credit
INDS-2017	Interaction Experience/ Design (core)	1.0 credit
INDS-3003	Conceptual & Foresight Methods	0.5 credit
INDS-3011	Service Design (core)	1.0 credit
INDS-3012	Speculative Design (core)	0.5 credit
Total Course Credits: 6.0 credits		

Course Options: Complete the identified number of courses from EACH of the categories below.

Course Code	Course Title	Course Credit
Category A (Material World) – Choose ONE course from the list below:		0.5 credit
INDS-1002	Materials and Manufacture	
HUMN-2006	The Culture of Science	
SCTM-2008	Intro to Material Science	
VISD-2003	Material Arts: Ancient-Modern	
Category B (Products and Making) – Choose ONE course from the list below:		0.5 credit
GART-1014	Sculpture Concepts	
INDS-1009	Prototyping & Mould-Making	
IVCA-1001	Indigenous Sculpt Strategies	
FABR-2003	Intro to Fabr: Mouldmaking	
INDS-2018	ID Plastic/ Rapid Prototyping	
INDS-2019	ID Metal/ Wood Prototyping	
Category C (Visualization) – Choose ONE course from the list below:		0.5 credit
INDS-1006	Communicating Through Form	
DRPT-2003	Exploring Drawing Processes	

INDS-2002	Design Presentation Drawing	
INDS-2004	Representational Drawing - ID	
GDES-3093	Intro to SolidWorks	
Category D (Design-Led Research) – Choose ONE course from the list below:		0.5 credit
INDS-2020	Research Methods & Insights	
SOSC-2003	Doing Human-Centred Research	
GDES-3037	Research, Insight, Innovation	
GDES-3118	Human Factors	
Category E (Digital Interaction) – Choose ONE course from the list below:		0.5 credit
DIGF-2002	Physical Computing	
HUMN-2007	Computational History & Theory	
INTM-2011	Physical Computing I: Kinetics	
SCTM-2005	Intro Comp Sci-Logic & Coding	
VISM-2003	Introduction to Games Studies	
Category F (Design Context) – Choose ONE course from the list below:		0.5 credit
ENGL-2012	Trans and Queer Literature	
HUMN-2003	History of Political Thought	
HUMN-2006	The Culture of Science	
HUMN-2012	Queer Theories	
IVCL-2001	A History of the Métis	
SCTM-2001	Introduction to Biology	
SCTM-2009	Introduction to Psychology	
VISD-2001	History of Modern Design	
VISD-2005	Contemp Design Theories & Prac	
INDS-3013	Disruptive Futures	
Category G (Industrial Design Pathways) – Choose ONE course from the list below:		0.5 credit
<i>(*If 1.0 credit course is chosen, additional 0.5 credit may fulfill another requirement as needed)</i>		
BUSI-4001	Entrepreneurship	
DIGF-4001	Leadership in Digital Economy	
DIGF-4002	Critical Code	
GDES-4009	Furniture Design 3	
GDES-4897	Field Placement	
GDES-4898	Independent Study	
INDS-4006	ID Major Design Project 1 (1.0 credit*) (INDS-4007 ID Major Design Project 2 may be taken as an open elective)	
INDS-4011	Design for Health (1.0 credit*)	
INDS-4897	Field Placement (1.0 credit*)	

Level 4000/ 5000	ADVR, BUSI, CROS, DIGF, ENVR, GDES, GRPH, LIFE, SCIN or VISD course	
Category H (Professional Development) – Choose ONE course from the list below:		0.5 credit
SOSC-2004	Business & Social Innovation	
CROS-3001	Professional Practice	
INDS-3014	Professional Preparation	
Total Course Credits: 4.0 credits		

Arts & Science Requirements:

Course Code	Course Title	Course Credit
Category I – Choose ONE course from the list below:		0.5 credit
ENGL-1003	The Essay & the Argument	
ENGL-1004	Essay and the Argument: ELL	
Category J – Choose TWO courses from the list below:		1.0 credit
IVCV-1001	Turtle Island Visual Culture	
VISC-1001	Global Vis & Mat Cult: to 1800	
VISC-1002	Global Vis & Mat Cult: to Pres	
VISC-1004	Contemporary Art & Design History	
Category K – Complete requirements below:		
Level 2000/ 3000/4000	Visual culture courses (IVCV, VISA, VISC, VISD, VISM)	1.0 credit*
Category L – Complete requirements below:		
Level 2000/ 3000/4000	Breadth elective course (HUMN, IVCL, SCTM, SOSC)	0.5 credit
Level 2000/ 3000/4000	Breadth elective courses (ENGL, HUMN, IVCL, SCTM, SOSC)	1.0 credit
Category M – Complete requirements below:		
Level 2000/ 3000/4000	Breadth elective and/or visual culture courses (ENGL, HUMN, IVCL, IVCV, SCTM, SOSC, VISA, VISC, VISD, VISM)	1.0 credit*
Total Course Credits: 5.0 credits*		

* Visual culture courses (IVCV, VISA, VISC, VISD, VISM) taken to fulfill Major requirements may also fulfill Arts & Science requirements. In this case, replace the credit value in this section with an open elective(s).

For example: If you take VISD-2003 as a course option for your Major, it will also fulfill 0.5 credit visual culture course requirement in this section. Replace this 0.5 credit with an open elective.

Open Electives:

Course Code	Course Title	Course Credit
Level 1000/ 2000/3000/ 4000 or higher	Open electives	5.0 credits
Total Course Credits: 5.0 credits		

Notes:

An **open elective** may be chosen from any of the following subject areas: ADVR, ASOC, BUSI, CRCP, CROS, CRWR, DIGF, DRPT, ENVR, ENGL, EXAN, FABR, GART, GDES, GRPH, HUMN, ILLU, INDS, INTM, INVC, IVCA, IVCD, IVCL, IVCV, LIFE, MAAD, PHOT, PRNT, PRPB, SCIN, SCTM, SOSC, VISA, VISC, VISD, VISM.

Senior undergraduate students in good academic standing may take graduate courses at the **5000 level** from any of the following subject areas: CADN, CRCP, DHEA, DIGF, INCD, SFIN. Inquiries regarding access to 5000 level courses should be directed to the student's Faculty Office.

Students who have completed a minimum of 4.0 credits and are in good academic standing may **declare a minor**. Only open electives and general Arts & Science courses may fulfill both degree and minor requirements, subject to the credit limits stipulated in this program guide. For more information on minors: ocadu.ca/academics/minors.

Sample 4 Year Plan		Industrial Design
<i>Course offerings and scheduling vary by year; in some cases it may not be possible to follow the sample plan exactly as listed.</i>		
YEAR	REQUIREMENTS	COURSE CREDIT
Year 1	Specified Course(s): Take INDS-1007 and INDS-1008	2.0 credits
	Course Option(s): Choose one course from Category B option list	0.5 credit
	Arts & Science: Choose one course from Category I option list	0.5 credit
	Arts & Science: Choose two courses from Category J option list	1.0 credit
	Open Elective(s): Choose two courses	1.0 credit
Year 2	Specified Course(s): Take INDS-2016 and INDS-2017	2.0 credits
	Course Option(s): Choose one course from Category A option list	0.5 credit
	Course Option(s): Choose one course from Category C option list	0.5 credit
	Course Option(s): Choose one course from Category E option list	0.5 credit
	Course Option(s): Choose one course from Category F option list	0.5 credit
	Arts & Science: Choose one course from Category K, L and/or M	0.5 credit
	Open Elective(s): Choose one course	0.5 credit
Year 3	Specified Course(s): INDS-3003, INDS-3011 and INDS-3012	2.0 credits
	Course Option(s): Choose one course from Category D option list	0.5 credit
	Course Option(s): Choose one course from Category H option list	0.5 credit
	Arts & Science: Choose two courses from Category K, L and/or M	1.0 credit
	Open Elective(s): Choose two courses	1.0 credit
Year 4	Course Option(s): Choose one course from Category G option list	0.5 credit
	Arts & Science: Choose four courses from Category K, L and/or M	2.0 credits
	Open Elective(s): Choose five courses	2.5 credits
Notes:		
Open electives, Arts & Science courses, and Year 3 and 4 requirements, may be taken in any order, subject to meeting course prerequisites.		
Ensure that overall requirements are met (minimum and maximum requirements for year level and Arts & Science).		

Helpful Planning Information – Industrial Design

General Planning Tips:

- When choosing Open Electives, we recommend you consider the courses in the Option Categories as these courses are a good fit with your Major. If you take more courses than the minimum requirement to fulfill the Category, these courses will fulfill Open Electives.
- Ensure that you review the course description and pre-requisites for all courses, so you plan correctly from year to year.

Planning for Fourth/Final Year:

- If you intend to pursue Industrial Design as a profession upon graduation, you are encouraged to take INDS-4006 ID Major Design Project 1 (in Category G/Open Electives) and INDS-4007 ID Major Design Project 2 (in Open Electives) in your final year of study.
 - The direct pre-requisites for INDS-4006 is INDS-3012 (in Specified Courses) with a minimum grade of 60 (or INDS-3008 and INDS-3004 each with a minimum grade of 60). Take these pre-requisite courses in your third year of study.
 - If you elect to take INDS-4006 in the fall term, you may elect to also take INDS-4007 in the winter term. The pre-requisite for INDS-4007 is INDS-4006 with a minimum grade of 60.