UNIVERSITY OF CANBERRA

Bachelor of Design (Industrial Design) (ARB201.1)

Domestic students

Selection rank	60
	Note:
	The selection rank is the minimum ATAR plus adjustment factors required for admission to the program in the previous year. This is an indicative guide only as ranks change each year depending on demand.
Delivery mode	On campus
Location	Bruce, Canberra
Duration	3.0 years
Faculty	Faculty of Arts and Design
Discipline	School of Design and the Built Environment
UAC code	362107
English language requirements	An IELTS Academic score of 6.0 overall, with no band score below 6.0 (or equivalent). View IELTS equivalences

International students

Academic entry requirements	To study at UC, you'll need to meet our academic entry requirements and any admission requirements specific to your course. Please read your course admission requirements below. To find out whether you meet UC's academic entry requirements, visit our academic entry requirements page.

Delivery mode	On campus
Location	Bruce, Canberra
Duration	3.0 years
Faculty	Faculty of Arts and Design
Discipline	School of Design and the Built Environment
CRICOS code	095571A
English language requirements	An IELTS Academic score of 6.0 overall, with no band score below 6.0 (or equivalent). View IELTS equivalences

About this course

Innovate on an industrial scale

Industrial design has its roots in the designing and making of products, and the understanding and application of design in manufacturing. With a Bachelor of Design (Industrial Design) you'll apply both traditional and advanced digital techniques to a wide range of products, while gaining a knowledge of both materials and production processes. You'll explore advanced communication skills, including digital manipulation and fabrication via additive and subtractive technologies, and will develop user-centred approaches to developing products.

The course will allow you to develop in-depth understandings of your specialised area while also expanding your potential as a designer. You'll graduate as a resilient and adaptive design professional capable of solving a wide array of problems, and able to make significant contributions to any interdisciplinary industrial design team.

Study a Bachelor of Design (Industrial Design) at UC and you will:

- identify the different stages of the 'design for manufacture' process
- select appropriate methods, materials and processes for designing and prototyping products
- learn to apply advanced 2D and 3D digital design technologies
- utilise a range of intuitive and rational creative design approaches which will allow you to explore relevant and innovative solutions.

Work Integrated Learning

Work Integrated Learning (WIL) is embedded in this course, providing you with opportunities for direct industry engagement at every level of your study. You'll be involved in projects which realise creative design solutions for real-world clients, and industry projects in the past have included work with Breville, Sunbeam, Tiller Design, Blue Sky Design, Belconnen Community Council and Design Resource. Previous student WIL internships have been with furniture, lighting and product design company, SKEEHAN, and transport design firm TransitGraphics.

Career opportunities

- Design consultant
- Design strategist
- Product designer
- Furniture designer
- Consumer appliance designer
- Design researcher
- 3D modeller
- Digital manufacturing designer
- Advanced manufacturing designer

Course-specific information

Signature overseas short-term study options have been tailored specifically to this course so that high-achieving students have an opportunity to work with leading designers and students at prestigious overseas institutions. Students can choose to use their breadth units for their overseas Study Abroad experience.

High-achieving students also have the option to take units in the Masters of Design Strategies in their final year of study.

Admission requirements

Admission to this course is based on an entrance rank. A rank can be achieved by the following means:

- Year 12 ATAR

- other Australian Qualification

- work experience

- overseas qualification

We also offer a number of entry initiatives that give you the opportunity to gain entry to the University via alternate pathway programs and admissions schemes.

More information is available on our Alternative Entry page: http://www.canberra.edu.au/future-students/applications/apply-now/alternative-entry

Assumed knowledge

None.

Periods course is open for new admissions

This course is not open for new admissions.

Credit arrangements

A credit transfer arrangement is available for this course for the following institutions:

Hunan University

Bachelor of Industrial Design (18319)

Malaysian Institute Of Arts

Diploma of Industrial Design - Semester 1 Commencement (23510)

Diploma of Industrial Design - Semester 2 Commencement (23472)

Rangsit University

Bachelor of Fine Arts in Product Design (18356)

Course requirements

Bachelor of Design (Industrial Design) (ARB201) | 72 credit points

Required - 48 credit points as follows

Expand All | Collapse All

Core Major in Design (CM0003) | 24 credit points

Required - Must pass 15 credit points as follows

Professional Orientation (Design) (10336) | 3 credit points — Level 1

Professional Practice 1: Work Integrated Learning (11017) | 3 credit points — Level 2

Visual Representation Techniques (11041) | 3 credit points — Level 1

Design Culture and Society (11044) | 3 credit points — Level 1

Professional Evidence (Design) (11045) | 3 credit points — Level 3

Restricted Choice - 9 credit points as follows

Part B - Must pass 3 credit points from the following

Introduction to Design Thinking Techniques (11042) | 3 credit points — Level 1

Design Thinking and User Centered Design (11656) | 3 credit points — Level 1

Note:

- From 2021 unit 11042 has been replaced by unit 11656. Students who have already passed 11042 do not need to pass 11656.

Part C - Must pass 3 credit points from the following

Professional Practice 2: Work Integrated Learning (11018) | 3 credit points — Level 3

Professional Practice: WIL Studio 3 (11574) | 3 credit points — Level 3

Note:

- Students enrolled in ARB201 B Design (Industrial Design) must complete 11574 Professional Practice: WIL Studio 3. All other students should complete 11018 Professional Practice 2: WIL.

Part A - Must pass 3 credit points from the following

Introduction to Interaction and User-Centred Design (11043) | 3 credit points — Level 1

Introduction to Interaction Design (11655) | 3 credit points — Level 1

Note:

- From 2021 unit 11043 has been replaced by unit 11655. Students who have already passed 11043 do not need to pass 11655.

Specialist Major in Industrial Design (SM0010) | 24 credit points

Required - Must pass 24 credit points as follows

Industrial Design Fundamentals (11046) | 3 credit points — Level 1

3D Digital Design Fundamentals (11047) | 3 credit points — Level 1

Design for Low-Complexity (11048) | 3 credit points — Level 2

3D Digital Design Advanced (11049) | 3 credit points — Level 2

Design for Medium-Complexity (11050) | 3 credit points — Level 2

Materials and Processes (11051) | 3 credit points — Level 2

Materials and Processes - Advanced (11052) | 3 credit points — Level 3

Design for High-Complexity (11053) | 3 credit points — Level 3

Open Electives - 24 credit points from the following

- - Must pass 24 credit points from anywhere in the University, as a breadth major, a breadth minor and/or as individual units.

In addition to course requirements, in order to successfully complete your course you must meet the inherent requirements. Please refer

to the inherent requirements statement applicable to your course

Typical study pattern

UC - Canberra, Bruce

Standard Full Time, Semester 1 Commencing

Year 1

Semester 1

Industrial Design Fundamentals (11046)

Introduction to Interaction Design (11655)

Professional Orientation (Design) (10336)

Visual Representation Techniques (11041)

Semester 2

Design Culture and Society (11044)

Open Elective unit

3D Digital Design Fundamentals (11047)

Design Thinking and User Centered Design (11656)

Year 2

Semester 1

3D Digital Design Advanced (11049)

Design for Low-Complexity (11048)

Two Open Elective units

Semester 2

Design for Medium-Complexity (11050)

Materials and Processes (11051)

Professional Practice 1: Work Integrated Learning (11017)

Open Elective unit

Year 3

Semester 1

Materials and Processes - Advanced (11052)

Professional Practice: WIL Studio 3 (11574)

Two Open Elective units

Semester 2

Design for High-Complexity (11053)

Professional Evidence (Design) (11045)

Two Open Elective units

Standard Full Time, Semester 2 Commencing

Year 1

Semester 2

3D Digital Design Fundamentals (11047)

Design Culture and Society (11044)

Design Thinking and User Centered Design (11656)

Professional Orientation (Design) (10336)

Year 2

Semester 1

Visual Representation Techniques (11041)

Open Elective unit

Industrial Design Fundamentals (11046)

Introduction to Interaction Design (11655)

Semester 2

Two Open Elective units

Design for Medium-Complexity (11050)

Materials and Processes (11051)

Year 3

Semester 1

3D Digital Design Advanced (11049)

Open Elective unit

Design for Low-Complexity (11048)

Professional Practice 1: Work Integrated Learning (11017)

Semester 2

Two Open Elective units

Design for High-Complexity (11053)

Professional Practice: WIL Studio 3 (11574)

Year 4

Semester 1

Materials and Processes - Advanced (11052)

Professional Evidence (Design) (11045)

Two Open Elective units

Standard Full Time, Winter Commencing

Year 1

Semester 2

Open Elective unit

3D Digital Design Fundamentals (11047)

Design Culture and Society (11044)

Professional Orientation (Design) (10336)

Winter Term

Design Thinking and User Centered Design (11656)

Visual Representation Techniques (11041)

Year 2

Semester 1

3D Digital Design Advanced (11049)

Open Elective unit

Industrial Design Fundamentals (11046)

Introduction to Interaction Design (11655)

Semester 2

Open Elective unit

Design for Medium-Complexity (11050)

Materials and Processes (11051)

Professional Practice 1: Work Integrated Learning (11017)

Winter Term

Two Open Elective units

Year 3

Semester 1

Design for Low-Complexity (11048)

Materials and Processes - Advanced (11052)

Professional Practice: WIL Studio 3 (11574)

Open Elective unit

Semester 2

Design for High-Complexity (11053)

Professional Evidence (Design) (11045)

Two Open Elective units

Course information

Course duration

Standard six semesters full-time or equivalent. Maximum twenty semesters.

Learning outcomes

Learning outcomes	Related graduate attributes
Identify the different stages of the design for manufacture process and select appropriate methods, materials and processes for designing and prototyping products.	1.5 UC graduates are professional: display initiative and drive, and use their organisational skills to plan and manage their workload; and 2.5 UC graduates are global citizens: make creative use of technology in their learning and professional lives.
Apply advanced 3D digital design technologies and methodologies relevant to industrial design practices.	1.1 UC graduates are professional: employ up-to-date and relevant knowledge and skills;

1.6 UC graduates are professional: take pride in their professional and personal integrity; and

2.5 UC graduates are global citizens: make creative use of technology in their learning and professional lives.

Majors

- Core Major in Design (CM0003)
- Specialist Major in Industrial Design (SM0010)

Awards

Award	Official abbreviation
Bachelor of Design (Industrial Design)	BDes (IndDes)

Enquiries

Student category	Contact details
Current and Commencing Students:	Email FAD.Student@canberra.edu.au or Phone 1300 301 727
Prospective International Students:	Email international@canberra.edu.au or Phone +61 2 6201 5342
Prospective Domestic Students:	Email study@canberra.edu.au or Phone 1800 UNI CAN (1800 864 226)

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Scholarships

Find the scholarship that's the right fit for you

Explore Scholarships