

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

Please note these are the 2021 details for this course

### Domestic students

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Selection rank	60
<b>Note:</b>	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.

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English language requirements	An IELTS Academic score of 6.0 overall, with no band score below 6.0 (or equivalent). <a href="#">View IELTS equivalences</a>
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Duration	3.0 years
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UAC code	362107
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Faculty	Faculty of Arts and Design
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Discipline	School of Design and the Built Environment
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Location	UC - Canberra, Bruce
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Fees	2021: Commonwealth Supported Place 2022: Commonwealth Supported Place <b>Disclaimer:</b>  Annual fee rates  The fees shown are the annual fee rates for the course. The annual rate is the fee that applies to standard full-time enrolment, which is 24 credit points. The final fee charged is based on the proportion of 24 credit points in which a student enrolls. Students enrolled in a Commonwealth Support Place (CSP) are required to make a contribution towards the cost of their education, which is set by the Commonwealth Government. Information on Commonwealth Supported Places, HECS-HELP and how fees are calculated can be found <a href="#">here</a> .
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### International students

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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 <a href="#">academic entry requirements page</a> .
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[View UC's academic entry requirements](#)

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**English language requirements**

An IELTS Academic score of 6.0 overall, with no band score below 6.0 (or equivalent).

[View IELTS equivalences](#)

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**CRICOS code**

095571A

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**Faculty**

Faculty of Arts and Design

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**Discipline**

School of Design and the Built Environment

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**Location**

UC - Canberra, Bruce

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**Duration**

3.0 years

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**Fees**

2021: \$31,400 per year

2022: \$32,200 per year

**Disclaimer:**

Annual fee rates

The fees shown are the annual fee rates for the course. The annual rate is the fee that applies to standard full-time enrolment, which is 24 credit points. The final fee charged is based on the proportion of 24 credit points in which a student enrolls. Information on how fees are calculated can be found [here](#).

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## 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

Year	Location	Teaching period	Teaching start date	Domestic	International
2021	UC - Canberra, Bruce	Semester 1	08 February 2021	✓	✓

2021	UC - Canberra, Bruce	Winter Term	01 June 2021	✓	
2021	UC - Canberra, Bruce	Semester 2	02 August 2021	✓	✓
2022	UC - Canberra, Bruce	Semester 1	07 February 2022	✓	✓
2022	UC - Canberra, Bruce	Winter Term	30 May 2022	✓	
2022	UC - Canberra, Bruce	Semester 2	01 August 2022	✓	✓
2023	UC - Canberra, Bruce	Semester 1	06 February 2023	✓	✓
2023	UC - Canberra, Bruce	Winter Term	30 May 2023	✓	
2023	UC - Canberra, Bruce	Semester 2	31 July 2023	✓	✓
2024	UC - Canberra, Bruce	Semester 1	05 February 2024	✓	✓
2024	UC - Canberra, Bruce	Winter Term	27 May 2024	✓	
2024	UC - Canberra, Bruce	Semester 2	29 July 2024	✓	✓

## Credit arrangements

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

### Canberra Institute Of Technology

[Diploma of Building Design \(20391\)](#)

### 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 \(23472\)](#)

### Other Australian Tafe

[Advanced Diploma of Industrial Design \(20414\)](#)

[Any Australian Diploma \(AQF5\) \(21012\)](#)

[Diploma of Industrial Design \(20393\)](#)

### Rangsit University

[Bachelor of Fine Arts in Product Design \(18356\)](#)

Shenzen Technology University

[Bachelor of Industrial Design \(24110\)](#)

University Of Canberra College

[Diploma of Design \(Communication\) - 199JA \(20233\)](#)

## Course requirements

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

Required - 48 credit points as follows

**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 may need to 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 Thinking and User Centered Design \(11656\)](#)  
Open Elective unit  
[3D Digital Design Fundamentals \(11047\)](#)  
[Design Culture and Society \(11044\)](#)

#### Year 2

##### Semester 1

[3D Digital Design Advanced \(11049\)](#)  
Two Open Elective units  
[Design for Low-Complexity \(11048\)](#)

##### Semester 2

[Design for Medium-Complexity \(11050\)](#)  
Open Elective unit  
[Materials and Processes \(11051\)](#)  
[Professional Practice 1: Work Integrated Learning \(11017\)](#)

#### Year 3

##### Semester 1

[Materials and Processes - Advanced \(11052\)](#)  
Two Open Elective units  
[Professional Practice: WIL Studio 3 \(11574\)](#)

##### 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**

Industrial Design Fundamentals (11046)

Open Elective unit

Introduction to Interaction Design (11655)

Visual Representation Techniques (11041)

**Semester 2**

Materials and Processes (11051)

Two Open Elective units

Design for Medium-Complexity (11050)

**Year 3**

**Semester 1**

Open Elective unit

3D Digital Design Advanced (11049)

Design for Low-Complexity (11048)

Professional Practice 1: Work Integrated Learning (11017)

**Semester 2**

Professional Practice: WIL Studio 3 (11574)

Two Open Elective units

Design for High-Complexity (11053)

**Year 4**

**Semester 1**

Two Open Elective units

Materials and Processes - Advanced (11052)

Professional Evidence (Design) (11045)

Standard Full Time, Winter Commencing

**Year 1**

**Semester 2**

Design Culture and Society (11044)

Professional Orientation (Design) (10336)

Open Elective unit

3D Digital Design Fundamentals (11047)

**Winter Term**

Design Thinking and User Centered Design (11656)

Visual Representation Techniques (11041)

**Year 2**

**Semester 1**

**Semester 2**

**Winter**

3D Digital Design Advanced (11049)

Industrial Design Fundamentals (11046)

Introduction to Interaction Design (11655)

Open Elective unit

Open Elective unit

Design for Medium-Complexity (11050)

Materials and Processes (11051)

Professional Practice 1: Work Integrated Learning (11017) Elective units

Term

Two

Open

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)

## Enrolment data

2020 enrolments for this course by location. Please note that enrolment numbers are indicative only and in no way reflect individual class sizes.

Location	Enrolments
UC - Canberra, Bruce	46

## Enquiries

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

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UC acknowledges the Ngunnawal people, traditional custodians of the lands where Bruce campus is situated. We wish to acknowledge and respect their continuing culture and the contribution they make to the life of Canberra and the region. We also acknowledge all other First Nations Peoples on whose lands we gather.