

Bachelor of Design (Industrial Design) (ARB201.3)

Please note these are the 2024 details for this course

Domestic students

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| 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 | Blended 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

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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 |
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meet UC's academic entry requirements, visit our [academic entry requirements page](#).

[View UC's academic entry requirements](#)

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| Delivery mode | On campus |
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| Location | Bruce, Canberra |
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| Duration | 3.0 years |
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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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| CRICOS code | 095571A |
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| English language requirements | An IELTS Academic score of 6.0 overall, with no band score below 6.0 (or equivalent). |
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[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

| Year | Location | Teaching period | Teaching start date | Domestic | International |
|------|-----------------|-----------------|---------------------|----------|---------------|
| 2025 | Bruce, Canberra | Semester 1 | 03 February 2025 | ✓ | ✓ |
| 2025 | Bruce, Canberra | Winter Term | 26 May 2025 | ✓ | |
| 2025 | Bruce, Canberra | Semester 2 | 28 July 2025 | ✓ | ✓ |
| 2026 | Bruce, Canberra | Semester 1 | 16 February 2026 | ✓ | ✓ |
| 2026 | Bruce, Canberra | Winter Term | 08 June 2026 | ✓ | |
| 2026 | Bruce, Canberra | Semester 2 | 10 August 2026 | ✓ | ✓ |

Credit arrangements

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

Other Australian Tafe

[Diploma of Building Design \(32406\)](#)

Shenzen Technology University

[Bachelor of Industrial Design \(32587\)](#)

Course requirements

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

Required - 48 credit points as follows

[Expand All](#) | [Collapse All](#)

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

Core Major in Design (CM0003) | 24 credit points

Required - Must pass 18 credit points as follows

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

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

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

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

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

Professional Practice (Industry Studios) (11831) | 3 credit points — Level 2

Restricted Choice - Must pass 6 credit points from the following

Part A - Must pass 3 credit points from the following

Game Development - Must pass 3 credit points as follows

Programming for Design (11055) | 3 credit points — Level 1

Visual Comm, Industrial Design & Interaction Design - Must pass 3 credit points as follows

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

Part B - Must pass 3 credit points from the following

Game Development and Industrial Design - Must pass 3 credit points as follows

Professional Practice (Advanced Industry Studios) (11834) | 3 credit points — Level 3

Visual Communication and Interaction Design - Must pass 3 credit points from the following

[Professional Practice \(Internships A\) \(11829\) | 3 credit points – Level 2](#)

[Professional Practice \(Internships B\) \(11832\) | 3 credit points – Level 3](#)

[Professional Practice \(Industry and Creative Projects\) \(11833\) | 3 credit points – Level 3](#)

[Professional Practice \(Internships A\) \(12144\) | 3 credit points – Level 3](#)

Note:

- From 2025, unit 12144 Professional Practice (Internships A) replaces 11829 Professional Practice (Internships A)

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 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 (Industry Studios) (11831)

Year 3**Semester 1**

Materials and Processes - Advanced (11052)

Two Open Elective units

Professional Practice (Advanced Industry Studios) (11834)

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**

Open Elective unit

Industrial Design Fundamentals (11046)

[Introduction to Interaction Design \(11655\)](#)

[Visual Representation Techniques \(11041\)](#)

Semester 2

Open Elective unit

[Design for Medium-Complexity \(11050\)](#)

[Materials and Processes \(11051\)](#)

[Professional Practice \(Industry Studios\) \(11831\)](#)

Year 3

Semester 1

[3D Digital Design Advanced \(11049\)](#)

[Design for Low-Complexity \(11048\)](#)

[Materials and Processes - Advanced \(11052\)](#)

Open Elective unit

Semester 2

Two Open Elective units

[Design for High-Complexity \(11053\)](#)

[Professional Evidence \(Design\) \(11045\)](#)

Year 4

Semester 1

[Professional Practice \(Advanced Industry Studios\) \(11834\)](#)

Three Open Elective Units

Course information

Course duration

Standard 3 years full time or part-time equivalent. Maximum 10 years from date of enrolment to date of course completion.

Learning outcomes

Learning outcomes

Related graduate attributes

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| <p>Apply sustainability and environmental responsibility principles to meet ethical, social, and ecological standards throughout the design process.</p> | <p>UC graduates are professional: Communicate effectively; work collaboratively as part of a team, negotiate, and resolve conflict; display initiative and drive, and use their organisational skills to plan and manage their workload; take pride in their professional and personal integrity.</p> <p>UC graduates are global citizens: Think globally about issues in their profession; understand issues in their profession from the perspective of other cultures; communicate effectively in diverse cultural and social settings; behave ethically and sustainably in their professional and personal lives.</p> <p>UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; evaluate and adopt new technology.</p> |
| <p>Identify and apply design process, selecting appropriate methods, tools, materials and digital technologies relevant to industrial design practices.</p> | <p>UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; work collaboratively as part of a team, negotiate, and resolve conflict; display initiative and drive, and use their organisational skills to plan and manage their workload; take pride in their professional and personal integrity.</p> <p>UC graduates are global citizens: Adopt an informed and balanced approach across professional and international boundaries; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives.</p> <p>UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; evaluate and adopt new technology.</p> <p>UC graduates are able to demonstrate Aboriginal and Torres Strait Islander ways of knowing, being and doing: Communicate and engage with Indigenous Australians in ethical and culturally respectful ways.</p> |
| <p>Assess complex design challenges to explore and develop innovative solutions through a synthesis of design principles, methods and</p> | <p>UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and</p> |

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| <p>processes.</p> | <p>research skills to solve theoretical and real-world problems; work collaboratively as part of a team, negotiate, and resolve conflict; display initiative and drive, and use their organisational skills to plan and manage their workload; take pride in their professional and personal integrity.</p> <p>UC graduates are global citizens: Think globally about issues in their profession; adopt an informed and balanced approach across professional and international boundaries; understand issues in their profession from the perspective of other cultures; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives.</p> <p>UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; evaluate and adopt new technology.</p> |
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Work and communicate both independently and collaboratively in interdisciplinary teams with a range of colleagues and stakeholders to a level commensurate with that of a design industry professional.

UC graduates are professional: Employ up-to-date and relevant knowledge and skills; communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; work collaboratively as part of a team, negotiate, and resolve conflict; display initiative and drive, and use their organisational skills to plan and manage their workload; take pride in their professional and personal integrity.

UC graduates are global citizens: Think globally about issues in their profession; adopt an informed and balanced approach across professional and international boundaries; understand issues in their profession from the perspective of other cultures; communicate effectively in diverse cultural and social settings; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives.

UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; evaluate and adopt new technology.

UC graduates are able to demonstrate Aboriginal and Torres Strait Islander ways of knowing, being and doing: Communicate and engage with Indigenous Australians in ethical and culturally respectful ways.

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| Utilise appropriate communication methods and techniques to professionally communicate design. | <p>UC graduates are professional: Communicate effectively; use creativity, critical thinking, analysis and research skills to solve theoretical and real-world problems; work collaboratively as part of a team, negotiate, and resolve conflict; take pride in their professional and personal integrity.</p> <p>UC graduates are global citizens: Adopt an informed and balanced approach across professional and international boundaries; make creative use of technology in their learning and professional lives; behave ethically and sustainably in their professional and personal lives.</p> <p>UC graduates are lifelong learners: Reflect on their own practice, updating and adapting their knowledge and skills for continual professional and academic development; be self-aware; adapt to complexity, ambiguity and change by being flexible and keen to engage with new ideas; evaluate and adopt new technology.</p> <p>UC graduates are able to demonstrate Aboriginal and Torres Strait Islander ways of knowing, being and doing: Communicate and engage with Indigenous Australians in ethical and culturally respectful ways.</p> |
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Majors

- [Specialist Major in Industrial Design \(SM0010\)](#)
- [Core Major in Design \(CM0003\)](#)

Awards

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

Alternative exits

ARAR02 Bachelor of Design/Bachelor of Communication and Media

MGAR02 Bachelor of Business/Bachelor of Design

SCAR03 Bachelor of Laws/Bachelor of Design

SCAR04 Bachelor of Politics and International Relations/Bachelor of Design

Enquiries

| Student category | Contact details |
|------------------|-----------------|
|------------------|-----------------|

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

Download your course guide



Scholarships

Find the scholarship that's the right fit for you

[Explore Scholarships](#)

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CRICOS 00212K

TEQSA Provider ID: PRV12003 (Australian University)

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.