Overview

Behind many manufactured products and services encountered at home, at work and in the public arena is the creativity, problem solving and technical know-how of an Industrial Designer. Their role is to create practical, attractive and functional products that fulfil a genuine market demand or societal need. Understanding materials, manufacturing technology and user insights within economic, social and environmental contexts in which products are produced, marketed and used is essential. Students develop their creative and professional abilities to understand and resolve these requirements while working at the frontiers of social and technological change. Graduates will work with engineers, marketers and other design and business professionals to turn good ideas into successful products. Increasingly, Industrial Designers are playing an important role beyond the production line in strategic roles involving branding, corporate identity and design focusing upon the user experience.
Faculty
Faculty of Built Environment

Campus
Kensington

Study Level
Undergraduate

Typical duration
3 Years

Delivery Mode
Face-to-face

Intake Period
Term 1, Term 3

Academic Calendar
3+ Calendar

Minimum Units of Credit
144

Award type
Bachelors Pass

Award(s)
Bachelor of Industrial Design - BIndDes

UAC Code
423300

CRICOS Code
098445E
Learning Outcomes

1. Work individually and collaboratively in teams as creative professionals in the field of design.
   Professionals

2. Communicate design ideas and information effectively using visual, physical, digital, verbal and written forms appropriate to the audience, purpose and context.
   Professionals Scholars

3. Demonstrate social, ethical and environmental responsibilities through choices made in the design process
   Professionals Global Citizens

4. Demonstrate understanding of social, cultural and technical knowledge as applicable to the field of industrial design within local and global contexts.
   Global Citizens Professionals Scholars

5. Use design process and thinking to identify design opportunities, create and explore, experiment and arrive at informed solutions.
   Leaders Scholars

Graduate Capabilities:

For more information on Graduate Capabilities, please click on this link.
Program Structure

Students must complete 144 UOC as a standalone program.

Level 1 Core Courses

Students must take 42 UOC of the following courses.

BENV1010  |  6 UOC
Communication in the Built Environment

BENV1015  |  6 UOC
History of Design Thinking

IDES1071  |  6 UOC
Materials & Tech 1: Physical Principles

IDES1211  |  6 UOC
Design Studio 1A

IDES1212  |  6 UOC
Design Studio 1B

IDES1213  |  6 UOC
Design Studio 1C

IDES1262  |  6 UOC
Communications 2 - Sketch Modelling

Level 2 Core Courses

Students must take 42 UOC of the following courses.

IDES2021  |  6 UOC
Design Theory 2: Society

IDES2023  |  6 UOC
Design Theory 4 : Methods

IDES2072 | 6 UOC
Materials & Tech 2: Manufacturing

IDES2201 | 6 UOC
Design Theory 3: People

IDES2221 | 6 UOC
Design Studio 2A

IDES2222 | 6 UOC
Design Studio 2B

IDES2223 | 6 UOC
Design Studio 2C

**Level 3 Core Courses**

Students must take 12 UOC of the following courses.

IDES3321 | 6 UOC
Design Studio 3A

IDES3322 | 6 UOC
Design Studio 3B

**Interdisciplinary Learning Prescribed Electives**

Students must take at least 12 UOC of the following courses.

BEIL0001 | 6 UOC
Graphic Design for the Built Environment

BEIL0003 | 6 UOC
Built Environment Annual Design Competition
BEIL0004 | 6 UOC
Design Competitions and Bids

BEIL0005 | 6 UOC
People, Place and Design

BEIL0006 | 6 UOC
BE OutThere Elective

BEIL0007 | 6 UOC
Sustainable Design Thinking

BEIL0008 | 6 UOC
Design Project Management - Vision to Reality

BEIL0009 | 6 UOC
Exhibition Design: Transforming Temporary Space

BEIL0010 | 6 UOC
Creating Value for Built Environment Clients

BEIL0011 | 6 UOC
Healthy Planning

BEIL0013 | 6 UOC
Architectural Photography

BEIL6000 | 6 UOC
Mapping Social Justice in the City

BEIL6001 | 6 UOC
International Planning

BEIL6002 | 6 UOC
Urban and Regional Design
Prescribed Electives

Students must take at least 12 UOC of the following courses.

IDES2171 | 6 UOC
Communication 3: 3D CAD Modelling

IDES3021 | 6 UOC
Design Theory 5: Perspectives

Free Electives

Students must take at least 12 UOC of the following courses.

any course

General Education

Students must take at least 12 UOC of the following courses.

any General Education course

Interdisciplinary Learning Maturity Requirements

Students must have completed 96 UOC before taking any of the following courses.

BEIL0003 | 6 UOC
Built Environment Annual Design Competition

BEIL0004 | 6 UOC
Design Competitions and Bids
<table>
<thead>
<tr>
<th>Course Code</th>
<th>UOC</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>BEIL0007</td>
<td>6</td>
<td>Sustainable Design Thinking</td>
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<tr>
<td>BEIL0008</td>
<td>6</td>
<td>Design Project Management - Vision to Reality</td>
</tr>
<tr>
<td>BEIL0009</td>
<td>6</td>
<td>Exhibition Design: Transforming Temporary Space</td>
</tr>
<tr>
<td>BENV6728</td>
<td>6</td>
<td>Classical Architecture</td>
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<tr>
<td>BENV6731</td>
<td>6</td>
<td>Contemporary Issues in Urbanism</td>
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**Level 2 Design Studio Maturity Rule**

Students must complete all Level 1 Design Studio courses: IDES1211; IDES1212 and IDES1213, before enrolling in a Level 2 Design Studio course.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>UOC</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>IDES2221</td>
<td>6</td>
<td>Design Studio 2A</td>
</tr>
<tr>
<td>IDES2222</td>
<td>6</td>
<td>Design Studio 2B</td>
</tr>
</tbody>
</table>

**Level 3 Design Studio Maturity Rule**

Students must complete all Level 2 Design Studio courses: IDES2221; IDES2222 and IDES3211, before enrolling in a Level 3 Design Studio course (IDES3321 or IDES3322)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>UOC</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>IDES3321</td>
<td>6</td>
<td>Design Studio 3A</td>
</tr>
<tr>
<td>IDES3322</td>
<td>6</td>
<td>Design Studio 3B</td>
</tr>
</tbody>
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Sample Programs

To access sample program(s), please visit:

Program structure

Enrolment Disclaimer

Unless advised otherwise by your program authority, you should follow the rules for the handbook for the year you commenced your program. You are also responsible for ensuring you enrol in courses according to your program requirements. myUNSW enrolment checks that you have met enrolment requirements such as pre-requisites for individual courses but not that a course will count towards your program requirements.
Admission Requirements

Special Admission Requirements

Additional selection criteria for admission to this program:

- Other

Optional alternate entry system endorsed by the faculty. Applicants have the option of submitting a portfolio and attending an interview to assess suitability for entry into the program. Selected applicants may be admitted if within 10 points of the normally required ATAR.

For more information about admission requirements for various UNSW programs, visit the following website(s):

Domestic Students
International Student
Program Requirements

Progression Requirements

Progression rules are in accordance with university policy.

For more information on university policy on progression requirements please visit Academic Progression.
Pathways

Honours Programs

Bachelor of Industrial Design (Honours) - BIndDes(Hons)
4525 Industrial Design (Honours)

Faculty: Faculty of Built Environment
Campus: Kensington
Units of Credit: 48
Typical Duration: 1 Years

Read More
Professional Outcomes

Professional Recognition
Industrial Design is recognised by the Design Institute of Australia. Graduates are eligible for associate Membership.

Career Opportunities

Industrial Designer, Web Designer

The program prepares students for professional and executive employment in areas involving the research, design and development of products for manufacture. Whilst it is anticipated that most graduates will be initially employed in an industrial design capacity either in manufacturing companies or consultancies, it is likely that some graduates may subsequently choose to specialise in aspects of marketing, engineering, product management or design management.
Recognition of Achievement

University Medal

The University Medal is awarded to recognise outstanding academic performance by a bachelor degree student in line with the University Medal Policy and University Medal Procedure.

Award of Pass with Distinction

The Award of Pass with Distinction is awarded when a weighted average mark (WAM) of at least 75% has been achieved and at least 50% of the requirements of the award completed at UNSW. All eligible programs will award Pass with Distinction except in special circumstances where approval of Academic Board has been given for a program to opt out.

For more information, please visit:

Current Students Pass With Distinction
Program Fees

At UNSW fees are generally charged at course level and therefore dependent upon individual enrolment and other factors such as student's residency status. For generic information on fees and additional expenses of UNSW programs, click on one of the following:

Domestic Students
Commonwealth Supported Students
International Students

Additional Expenses

Presentation and model making consumables, personal computing equipment, basic workshop and safety equipment
Pre-2019 Handbook Editions

Access past handbook editions (2018 and prior)

Pre-2019 Handbook Editions
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Authorised by Deputy Vice-Chancellor (Academic)
CRICOS Provider Code 00098G
ABN: 57 195 873 179