Faculty of Arts, Design & Architecture

# Bachelor of Design - in Integrated Design 4825

UNSW SYDNEY

## Term 2 2025 Commencing Students

### Year 1

| Term 2 | Term 3 |
|---|---|
| Introductory Disciplinary Studio 1 | FADA1010 Design Collaboration Studio 1 |
| Introductory Disciplinary Studio 2 | Intermediate Disciplinary Studio 1 |
| DDES1200 Design History and Theory 1 | Free Elective or Optional Minor* |

### Year 2

| Term 1 | Term 2 | Term 3 |
|---|---|---|
| DDES1101 Design Communication and Context | Advanced Disciplinary Studio 1 | FADA2020^ Design Collaboration Studio 2 |
| Intermediate Disciplinary Studio 2 | DDES2100 Design and Industry | Advanced Disciplinary Studio 2 |
| Free Elective or Optional Minor* | | DDES1201 Design History and Theory 2 |

### Year 3

| Term 1 | Term 2 | Term 3 |
|---|---|---|
| DDES3100 Design Project Research | FADA3030^ Design Collaboration Studio 3 | Free Elective or Optional Minor* |
| DDES2200 Design History and Theory 3 | DDES2102 Design Professional Practice | Free Elective or Optional Minor* |
| Free Elective or Optional Minor* | Free Elective or Optional Minor* | |

### Year 4

| Term 1 |
|---|
| General Education |
| General Education |

## DISCIPLINARY STUDIOS

**Students must complete two studio sequences of Introductory, Intermediate and Advanced level courses (18 UOC each)**
in two of the 7 studio areas: 3D Visualisation / Experience / Fashion / Graphics / Interaction / Object / Textiles for a total of 36 UOC

| Introductory | Intermediate | Advanced |
|---|---|---|
| DDES1110 3D Visualisation 1 | DDES2110 3D Visualisation 2 | DDES2111 3D Visualisation 3 |
| DDES1130 Experience 1 | DDES2130 Experience 2 | DDES2131 Experience 3 |
| DDES1170 Fashion 1 | DDES2170 Fashion 2 | DDES2171 Fashion 3 |
| DDES1140 Graphics 1 | DDES2140 Graphics 2 | DDES2141 Graphics 3 |
| DDES1150 Interaction 1 | DDES2150 Interaction 2 | DDES2151 Interaction 3 |
| DDES1120 Object 1 | DDES2120 Object 2 | DDES2121 Object 3 |
| DDES1160 Textiles 1 | DDES2160 Textiles 2 | DDES2161 Textiles 3 |

## ELECTIVES

This Sample Program is subject to the term course offerings. Please refer to the Handbook under your chosen specialisation/s and minor **4825 Handbook 2025**

***Students may use your Free Elective courses to complete one of the optional minors listed below:** Note courses completed as part of your disciplinary component cannot be double counted towards your minor

**Recommended Design Minors:**
- Computational Design (24uoc)
- Graphic Design (36uoc)
- Industrial Design (24uoc)
- Integrated Design (36uoc)
- Robotic Fabrication (24uoc)
- Social Robotics (24uoc)
- Textiles and Fashion Design (36uoc)
- Please pages 2 & 3 of sample plan for course list under each Minor

**Recommended Free Electives:**
- Please see page 4 for list of Design electives
- Please see page 5 for list of Built Environment electives

**^FADA courses:Due to prerequisites, students will need to complete core studios in this order: FADA1010, DDES1101, DDES2100, FADA2020, DDES3100 and FADA3030**
Information is correct as of 07.03.25 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G

# Faculty of Arts, Design & Architecture

# Bachelor of Design - in Industrial Design 4825

**UNSW SYDNEY**

## Term 2 2025 Commencing Students

| | Term 2 | Term 3 |
|---|---|---|
| **Year 1** | **IDES1311 Studio 1A: Product Design Fundamentals** | **IDES1312 Studio 1B: Materials, Form and Meaning** |
| | **IDES1315 Communications B: Digital Visualisation** | **IDES1316 Materials & Manufacturing for Ind. Designers 1** |
| | **Free Elective or Optional Minor*** | **FADA1010 Design Collaboration Studio 1** |

| | Term 1 | Term 2 | Term 3 |
|---|---|---|---|
| **Year 2** | **IDES1314 Communications A: Analogue Visualisation** | **IDES2322 Studio 2B: User-Centred Design** | **IDES2323 Studio 2C: Sustainable Futures** |
| | **IDES2321 Studio 2A: Production at Scale** | **IDES2325 Theory A: Human Factors in Product Design** | **FADA2020 Design Collaboration Studio 2** |
| | **IDES2326 Materials & Manufacturing for Ind. Designers 2** | | **Free Elective or Optional Minor*** |

| | Term 1 | Term 2 | Term 3 |
|---|---|---|---|
| **Year 3** | **IDES3331 Studio 3A: Integrated Product Design** | **FADA3030 Design Collaboration Studio 3** | **General Education** |
| | **IDES3333 Theory B: Product Design Research Methods** | **IDES3334 Theory C: Speculative Product Design** | **Free Elective or Optional Minor*** |
| | **Free Elective or Optional Minor*** | **Free Elective or Optional Minor*** | |

| | Term 1 |
|---|---|
| **Year 4** | **General Education** |
| | **Free Elective or Optional Minor*** |

Sample Program is subject to the term course offerings. Please refer to the Handbook under your chosen specialisation/s and minor for details **4825 Handbook 2025**

*Optional Minor Option: Students may use Free Elective courses to complete an optional minor. Recommended Design Minors are listed below.
*Free Elective Option: See Design Electives on Page 4 and BE 2025 Elective course offerings on Page 5 for your information

### ELECTIVES

| Computational Design (24uoc) Option 1 | Computational Design (24uoc) Option 2 | Integrated Design (36uoc) | Textiles and Fashion Design (36uoc) |
|---|---|---|---|
| - Students choosing a Computational Design minor must complete 4 courses in either recommended sequence option.<br>- Students should note the prerequisites for each course before enrolling. | | Students must complete two studio sequences<br>• 18uoc Disciplinary Studio 1<br>• 18uoc Disciplinary Studio 2 | • DDES1160 Textiles 1<br>• DDES2160 Textiles 2<br>• DDES2161 Textiles 3<br>• DDES1170 Fashion 1<br>• DDES2170 Fashion 2<br>• DDES2171 Fashion 3 |
| Option 1<br>• BENV1012 Parametric Design & Digital Fabrication<br>• CODE1240 C. Design 1 (Building)<br>• CODE2121 C. Design 2 (Structure)<br>• CODE2132 C. Design 3 (Urban) | Option 2<br>• BENV1012 Parametric Design & Digital Fabrication<br>• CODE1161 Design Computing<br>• CODE1240 C. Design 1 (Building)<br>• CODE2250 Robotic Computing | from the following studios:<br><br>3D Visualisation / Experience / Fashion / Graphics / Interaction / Object /Textiles | |
| **Graphic Design (36uoc)** | **Industrial Design (24uoc)** | **Robotic Fabrication (24uoc)** | **Social Robotics (24uoc)** |
| • DDES1140 Graphics 1<br>• DDES2140 Graphics 2<br>• DDES2141 Graphics 3<br>• 18uoc Prescribed Electives from list in Handbook | • IDES1311 Ind Design Studio 1A<br>• IDES1312 Ind Design Studio 1B<br>• 12uoc Prescribed Electives from list in Handbook | • BENV2001 Emerging Digital Technologies<br>• BEIL0014 Digital Making<br>• BEIL0015 Digital Design Foundations<br>• BENV2270 Construction Robotics | • BENV2001 Emerging Digital Technologies,<br>• BEIL0014 Digital Making,<br>• BENV2522 Social Robotics,<br>• CODE2230 Human Machine Interaction |

Information is correct as of 07.03.25 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G

# Bachelor of Design - in Computational Design 4825

## Term 2 2025 Commencing Students

### Year 1

| | Term 2 | Term 3 |
|---|---|---|
| | BENV1012 Parametric Design and Digital Fabrication | CODE1240 Computational Design 1 (Building) |
| | CODE1161 Design Computing | CODE1231 Urban Computing |
| | Free Elective or Optional Minor* | FADA1010 Design Collaboration Studio 1 |

### Year 2

| | Term 1 | Term 2 | Term 3 |
|---|---|---|---|
| | CODE2121 Computational Design 2 (Structure) | CODE2132 Computational Design 3 (Urban) | CODE2120 Computational Design 4 (System) |
| | CODE1110 Computational Design Theory 1 | CODE1210 Computational Design Theory 2 | FADA2020 Design Collaboration Studio 2 |
| | CODE2250 Robotic Computing | Free Elective or Optional Minor* | |

### Year 3

| | Term 1 | Term 2 | Term 3 |
|---|---|---|---|
| | CODE3234 Computational Design 5 (Data) | FADA3030 Design Collaboration Studio 3 | Free Elective or Optional Minor* |
| | CODE3100 Digital Collaboration Studio | CODE3201 Graduation Project: Theory | General Education |
| | Free Elective or Optional Minor* | Free Elective or Optional Minor* | |

### Year 4

| | Term 1 |
|---|---|
| | Free Elective or Optional Minor* |
| | General Education* |

---

**Sample Program is subject to the term course offerings. Please refer to the Handbook under your chosen specialisation/s and minor for details [4825 Handbook 2025](#)**

*Optional Minor Option: Students may use Free Elective courses to complete an optional minor. Recommended Design Minors are listed below.
*Free Elective Option: See Design Electives on Page 4 and BE 2025 Elective course offerings on Page 5 for your information

## ELECTIVES

| Computational Design (24uoc) Option 1 | Computational Design (24uoc) Option 2 | Integrated Design (36uoc) | Textiles and Fashion Design (36uoc) |
|---|---|---|---|
| - Students choosing a Computational Design minor must complete 4 courses in either recommended sequence option.<br>- Students should note the prerequisites for each course before enrolling. | | Students must complete two studio sequences<br>• 18uoc Disciplinary Studio 1<br>• 18uoc Disciplinary Studio 2 | • DDES1160 Textiles 1<br>• DDES2160 Textiles 2<br>• DDES2161 Textiles 3<br>• DDES1170 Fashion 1<br>• DDES2170 Fashion 2<br>• DDES2171 Fashion 3 |
| Option 1<br>• BENV1012 Parametric Design & Digital Fabrication<br>• CODE1240 C. Design 1 (Building)<br>• CODE2121 C. Design 2 (Structure)<br>• CODE2132 C. Design 3 (Urban) | Option 2<br>• BENV1012 Parametric Design & Digital Fabrication<br>• CODE1161 Design Computing<br>• CODE1240 C. Design 1 (Building)<br>• CODE2250 Robotic Computing | from the following studios:<br><br>3D Visualisation / Experience / Fashion / Graphics / Interaction / Object /Textiles | |
| **Graphic Design (36uoc)** | **Industrial Design (24uoc)** | **Robotic Fabrication (24uoc)** | **Social Robotics (24uoc)** |
| • DDES1140 Graphics 1<br>• DDES2140 Graphics 2<br>• DDES2141 Graphics 3<br>• 18uoc Prescribed Electives from list in Handbook | • IDES1311 Ind Design Studio 1A<br>• IDES1312 Ind Design Studio 1B<br>• 12uoc Prescribed Electives from list in Handbook | • BENV2001 Emerging Digital Technologies<br>• BEIL0014 Digital Making<br>• BEIL0015 Digital Design Foundations<br>• BENV2270 Construction Robotics | • BENV2001 Emerging Digital Technologies,<br>• BEIL0014 Digital Making,<br>• BENV2522 Social Robotics,<br>• CODE2230 Human Machine Interaction |

Information is correct as of 07.03.25 and is based on proposed prerequisites and course availability. This is to be used as a guide only and does not replace individual advice. Refer to the Handbook and Class Timetable for the relevant term to check availability for these courses. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G

3 of 5

# School of Art & Design
# Undergraduate Design Electives

| Term 1 | Term 2 | Term 3 |
|---|---|---|
| **DDES1022**<br>Object as Architecture: Jewellery and Metal Design | **DDES1020**<br>Ceramic Design: Wheel Throwing | **DDES1000**<br>Design Fieldwork on Country |
| **DDES1033**<br>Playful Spaces: Soft Structures **(not offered in 2025)** | **DDES1024**<br>Jewellery Contextual Issues through Bodywork **(not offered in 2025)** | **DDES1021**<br>Jewellery Design for Fashion |
| **DDES1040**<br>Graphics and Print/Making | **DDES1030**<br>Multi-Modal Experiences **(not offered in 2025)** | **DDES1023**<br>Object as Activist: Furniture and Lighting Design **(not offered in 2025)** |
| **DDES1041**<br>Illustration and Rendering | **DDES1031**<br>Small Spaces: Representing Imagination and Experience in Model-Making **(not offered in 2025)** | **DDES1032**<br>Crisis Spaces: Interventions and Activations **(not offered in 2025)** |
| **DDES1044**<br>Drawing for Design | **DDES1040**<br>Graphics and Print/Making | **DDES1042**<br>Data Visualisation and Wayfinding **(not offered in 2025)** |
| | **DDES1062**<br>Smart Textiles **(not offered in 2025)** | **DDES1043**<br>Publication Design |
| | | **DDES1060**<br>Textiles for Fashion |
| | | **DDES1061**<br>Commercial Textile Design |

| All Terms |
|---|
| **ADAD3000**<br>Professional Experience Project* (**Bachelor of Design in Integrated Design students only** after successfully completing either DDES2102 or FADA2020) |

Information correct as of 07.03.25 and based on proposed course availability for 2025. International study opportunities will be listed separately.
This table is a guide only; availability may change. Refer to the Handbook and Class Timetable to confirm course availability.
Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G

# School of Built Environment

# Undergraduate Electives offered in 2025

| 2025 | Term 1 | Term 2 | Term 3 |
|---|---|---|---|
| **History, theory, culture** | BEIL6005 Art, Architecture and Design<br>PLAN2122 History, Heritage and the Built Environment<br><br>**Core course available as electives**<br>BLDG1013 Introduction to Construction and Property<br>CODE1110 Computational Design Theory 1   IDES333 Industrial Design Theory B<br>LAND2121 Introduction to Landscape Architecture | BENV1015 History of Design Thinking<br>PLAN6000 Planning with Indigenous Peoples*<br><br>**Core course available as electives:**<br>IDES2325 Industrial Design Theory A<br>LAND2122 History of Landscape Architecture | BEIL0005 People place<br>Design BENV7811 Urban<br>Renewal*<br><br>**Core course available as electives:**<br>PLAN1003 Urban Society, History, Theory<br>LAND2322 Urban Landscape Design Seminar |
| **Digital technology** | BEIL0015 Digital Design Foundations<br>BENV1043 Multimedia in Design Presentations<br>BENV2522 Social Robotics<br>BENV7504 Digital Cities*<br><br>**Core course available as electives**<br>ARCH2170 Building Information Management<br>CODE2250 Robotic Computing***<br>IDES1314 Industrial Design Communications A | BENV1012 Parametric Design and Dig Fab<br><br><br><br>**Core course available as electives:**<br>BENV2270 Construction Robotics**<br>CODE1161 Design Computing<br>CODE1210 Comp Design Theory 2<br>IDES1315 Industrial Design Communications B | BEIL0001 Graphic design for BE<br>BENV2001 Emerging Digital Technologies<br>BENV2260 Human Machine Interaction**<br>BENV2270 Construction Robotics**<br>BENV7502 Geodesign*<br><br>**Core course available as electives:**<br>CODE1231 Urban Computing***<br>CODE2170 Building Information Modelling<br>PLAN2002 GIS and Urban Informatics |
| **WIL<br>Social Impact<br>Professional<br>practice** | FADA6700 Professional Placement<br>PLAN7156 Housing Policy and Finance*<br><br><br>**Core course available as electives**<br>BLDG1011 Low Rise Building Construction | FADA6700 Professional Placement<br>BEIL0008 Design Project Mngmt Vision to Reality<br>BENV2942 Rural Planning<br><br>**Core course available as electives**<br>BLDG2012 Construction and Property Law<br>IDES1311 Industrial Design Studio A<br>IDES3334 Speculative Product Design<br>LAND2151 Landscape Analysis | FADA6700 Professional Placement<br>BEIL6014 Designing Exhibitions: Curating for the Built Environment<br>BEIL0010 Creating Value for Built Environment Clients<br>BENV2708 Interior Detailing<br>BENV2938 Transport Planning<br><br>**Core course available as electives:**<br>BLDG1024 Const and Property Economics<br>IDES1312 Industrial Design Studio B<br>IDES1316 Materials & Manufacturing 1 |
| **Sustainability** | **Core course available as electives**<br>LAND2251 Planting at the Landscape Scale<br>LAND1351 Landscape Management | BENV2112 Landscape Design for Social Sustainability**<br><br>**Core course available as electives**<br>ARCH1161 Architectural Science and Built Environment<br>PLAN1002 Sustainability and Built Environment<br>PLAN2004 Equitable Cities | BENV0021 Sustainable Urbanism and Design<br>BEIL0011 Healthy Planning<br><br>**Core course available as electives**<br>LAND2152 Plants and Design |

Information correct as of 28.10.24 and based on proposed course availability for 2025. International study opportunities will be listed separately. This table is a guide only; availability may change. Refer to  the Handbook and Class Timetable to confirm course availability.

* These courses (6000 and 7000) are co-badged undergraduate/ postgraduate offerings; permission needed.

** 2025 offering to be confirmed. ***Permission from Discipline Director required. Contact The Nucleus: Student Hub for further assistance. CRICOS Provider Code 00098G