Bachelor of Design and Technology

Industrial Design at UWS
Industrial design at UWS is a vital part of modern-day living for virtually every human being. Every day of our lives we encounter products designed and manufactured with the intention of making our lives easier. It is industrial designers, incorporating a lateral and cross-disciplinary approach to problem-solving, who create the most useful products. Industrial design promotes an awareness of the place of design in society and its effect on people, the environment and the economy, and provides students with the ability to work alone or collaboratively.

3502.5 – Bachelor of Design and Technology
Delivering a sound knowledge of design from both a theoretical and a practical standpoint, the UWS Design and Technology degree can lead to multiple career outcomes including product design, packaging, rapid prototyping, 3D modelling, exhibition design and secondary school teaching (with additional qualifications). The course endows you with a comprehensive knowledge of all design areas, but also offers the flexibility to specialise. It combines the University’s own state-of-the-art technologies and processes with an extensive network of external industry-based resources.

CRICOS Code: 041034F

Accreditation: Graduates are eligible for membership of the Design Institute of Australia (DIA).

A Career in Industrial Design
As a graduate of the UWS Industrial Design degree, you may work as an in-house or consultant industrial designer in areas such as product management, environmental planning, systems design, exhibition design and marketing management. Work includes the development of new products and systems, as well as the updating and improvement of existing products and systems.

Course Structure

Year 1
Session 1 Autumn
- 300674.2 Engineering, Design and Construction Practice
- 300016.2 Design Science
- 300776.2 Applied Ergonomics
- 200191.5 Fundamentals of Mathematics

Session 2 Spring
- 300462.2 Engineering and Design Concepts
- 300302.2 Industrial Graphics 1: Presentation
- 300304.3 Sustainable Design: Materials Technology
- 200083.2 Marketing Principles

Year 2
Session 3 Autumn
- 300305.3 Design Studio 1: Themes and Variations
- 300309.3 Sustainable Design: Life Cycle Analysis
- 300282.2 Industrial Graphics 2: Transition
- And one sub-major alternate unit or one elective

Session 4 Spring
- 300308.3 Design Studio 2: The Design Proposal
- 300570.2 Human Computer Interaction
- 300310.3 Industrial Graphics 3: 3D Solids
- And one sub-major alternate unit or one elective

Year 3
Session 5 Autumn
- 300311.3 Design Studio 3: Product Realisation
- 300014.3 Design Management 3: Organisational Skills for Designers
- And two sub-major alternate units or two electives

Session 6 Spring
- 300313.3 Design Studio 4: Simulate to Innovate
- 300314.2 Designed Inquiry
- And two sub-major alternate units or two electives

For more information please send your enquiry to BID-BDT@uws.edu.au