Civil engineers essentially design and manage the infrastructure of our built environment. This innovative degree enhances the current civil engineering bachelor degree by incorporating a number of subjects in Architecture.

**Career Opportunities**

You could work with specialist structural engineering consultants; construction and contracting companies; federal, state and local government organisations; airport and harbour authorities; project developers; and financial and management consultants in large corporations both in Australia and overseas. Graduates will be well qualified to collaborate with architects, artists and other professionals in multidisciplinary built environment teams to produce integrated, innovative and sustainable designs.
BE (HONS) IN CIVIL ENGINEERING WITH ARCHITECTURE

LENTH OF STUDY: 4 years
UAC CODE: 425460
2014 CUT-OFF: 95.00

This innovative degree extends civil engineering through adding a number of courses in architecture from the Faculty of the Built Environment. Students will graduate well qualified to work with architects and other building professionals to produce integrated and sustainable design.

ASSUMED KNOWLEDGE
HSC Mathematics Extension 1 and Physics.

RECOMMENDED KNOWLEDGE
HSC Mathematics Extension 2 or Chemistry or Engineering Studies or Software Design and Development or Information Processes and Technology or Biology.

INDUSTRIAL EXPERIENCE
We produce graduates who are ready to hit the ground running, so we make it a compulsory part of their degree to complete at least 60 days of approved industrial training (IT). Support from an Industrial Training Coordinator is available, however students are encouraged to find their own placements as part of the overall experience. Students can do their IT within Australia or overseas.

PROFESSIONAL RECOGNITION
The BE (Hons) in Civil Engineering with Architecture is fully accredited by Engineers Australia, the professional body for engineering in Australia.

Graduate with Honours

Our Bachelor of Engineering (Honours) degree is competitive and challenging, and requires students to perform at a high level to graduate. This ensures graduates are equipped with the skills and knowledge for a successful career as a professional engineer.

DEGREE OPTIONS

Alternatives: Check out the table below for the other programs offered at the School of Civil and Environmental Engineering.

ALTERNATIVE DEGREES YEARS UAC CODE
BE (Hons) in Civil Engineering 4 years 425460
BE (Hons) in Environmental Engineering 4 years 425470
BE (Hons) in Surveying 4 years 425500
BE (Hons) in Geospatial Engineering 4 years 425500

ALTERNATIVE DEGREES YEARS UAC CODE
BE (Hons) in Environmental Engineering 4 years 425470
BE (Hons) in Surveying 4 years 425500
BE (Hons) in Geospatial Engineering 4 years 425500

Information provided about subjects, units, courses and any arrangements for courses (including staffing) are an expression of intent only and are not intended to be a contractual offer and subject to change without notice and to impose limitations on enrolment in any course.

For my Honours thesis I studied cross laminated timber as an alternative to masonry and concrete in building in an Australian context as I knew it had been popular in Europe for almost 30 years. It was an incredible stepping stone taking my career to a level I never thought it would reach (and so soon as well). Not only do I get to work with an exclusive engineering team [at LendLease] on a high profile project with ArChitECtura, I now have the design and on high profile projects, but I'm learning a whole new range of engineering skills.

LISA THOM
BE (HONS) IN CIVIL ENGINEERING WITH ARCHITECTURE

SCHOOL OF CIVIL AND ENVIRONMENTAL ENGINEERING

We have been pioneers in civil, environmental and surveying engineering education over the last 65 years. Today we have over two thousand students, and play a leading role in the delivery of quality undergraduate degrees.

- Close links with key industrial, commercial and professional organisations
- Degrees incorporate a strong emphasis on practical design and problem solving
- Exciting and innovative student-led projects and industry-based training
- UNSW Civil Engineering ranked in the world’s Top 20 (2012-2014 QS World University Rankings)

"For my Honours thesis I studied cross laminated timber as an alternative to masonry and concrete in building in an Australian context as I knew it had been popular in Europe for almost 30 years. It was an incredible stepping stone taking my career to a level I never thought it would reach (and so soon as well). Not only do I get to work with an exclusive engineering team [at LendLease] on a high profile project with ArChitECtura, I now have the design and on high profile projects, but I'm learning a whole new range of engineering skills."