About the course:
Double degree majoring in civil engineering and architectural design.

This double degree program is designed for students who are interested in civil engineering with a thorough understanding of how buildings function. The architectural design component enables students to express their building design in an innovative way whereas the civil engineering component enables students to understand the load path and design safety issues associated with the architectural design. It meets the needs of the building industry which requires engineering professionals with strong architectural knowledge.

Graduates will be able to provide solutions to a wide variety of engineering and social problems through creative thinking and technological skills to critically analyse problems and research solutions.

What do civil engineering and architectural design graduates do?
Graduates from this program, while not eligible for architecture registration, will be qualified engineers. Graduates will be highly skilled designers and design thinkers able to provide leadership in the design and construction of the built environment, collaborating with clients, builders and other design professionals.

They will:
• Develop solutions that use innovative materials, or materials in an innovative way.
• Ensure energy efficient solutions.
• Develop innovative and sustainable solutions to client projects.
• Ensure structural integrity of structures.
• Ensure the solution is constructable.

Careers for engineering/architectural design graduates
A strong employment market exists in Australia, as well as substantial international opportunities. Many Australian architectural designers work for practices overseas and Australian firms regularly undertake international projects. Graduates will be able to work in a number of built environment firms including architecture practices, design companies and engineering firms.

Graduates from this program may work in either an architectural or engineering office working on:
• Design of structures, buildings and bridges.
• Urban or commercial developments.
• Green or “sustainable” development projects.
• Planning projects.
• Renovation of existing projects to provide more sustainable energy efficient solutions.
• Project or construction management.

Prerequisites
VCE Year 12, Units 3 and 4 – a study score of at least 30 in English (ESL) or 25 in any other English, and a study score of at least 25 in Mathematical Methods (CAS) and in one of Chemistry or Physics.

How to apply
Domestic and Onshore International students
Apply through VTAC
If you are an Australian or New Zealand citizen or a permanent Australian resident, or you are an international student who has completed VCE or IB in Victoria, you must apply through the Victorian Tertiary Admissions Centre (VTAC).

For more information visit: www.vtac.edu.au

International students
International students not currently studying VCE or IB in Victoria should apply direct to Monash.
www.monash.edu.au/study/international

Further information
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