**Engineering**

Engineering is technical design using maths, physics, and chemistry knowledge. Bachelor of Engineering (Honours) is a common 4-year engineering course. Generally, this course will include a broad first year, with students selecting their specialisation at the start of the second year. Specialisations include Biomedical, Civil, Chemical, Electronic, Mechanical and Mechatronics. The final year of the degree includes a major project (internship) to prepare students for the industry.

Some universities offer double degree combinations with engineering (e.g. RMIT, Monash, Swinburne). These double degrees can limit the engineering specialisation options available within the Bachelor of Engineering (Honours) course.

**Engineering Course Examples:**

Deakin: [Bachelor of Engineering (Honours)](https://www.deakin.edu.au/study/find-a-course/engineering) – select your specialisation when you apply for the course in Year 12 – ATAR Range: 65 to 75 depending on specialisation

La Trobe: [Bachelor of Civil Engineering (Honours)](https://www.latrobe.edu.au/courses/bachelor-of-civil-engineering-honours) Guide ATAR: 65

La Trobe: [Bachelor of Industrial Engineering (Honours)](https://www.latrobe.edu.au/courses/bachelor-of-engineering-honours-industrial) Guide ATAR: 75

Monash: [Bachelor of Engineering (Honours)](https://www.monash.edu/study/courses/find-a-course/2022/engineering-e3001) Guide ATAR: 86

RMIT: [Bachelor of Engineering (Honours)](https://www.rmit.edu.au/study-with-us/levels-of-study/undergraduate-study/honours-degrees/bachelor-of-engineering-honours-bh126) Guide ATAR: 73

Swinburne: [Bachelor of Engineering (Honours)](https://www.swinburne.edu.au/study/course/bachelor-of-engineering-honours/) Guide ATAR: 75

Swinburne: [Bachelor of Engineering (Honours) Professional](https://www.swinburne.edu.au/study/course/bachelor-of-engineering-honours-professional/) Guide ATAR: 85 – five year course with one year of paid internship

University of Melbourne: [Bachelor of Science](https://study.unimelb.edu.au/find/courses/undergraduate/bachelor-of-science/) (choose an Engineering Systems Majors) followed by [Master of Engineering](https://eng.unimelb.edu.au/study/master-of-engineering) Guide ATAR: 85 – five year study pathway

Victoria University: [Bachelor of Engineering (Honours)](https://www.vu.edu.au/study-at-vu/courses/browse-study-areas/engineering-science/engineering) – select your specialisation when you apply for the course in Year 12 – Guide ATAR: N/A