



# B E (Honours) in Mechatronics Engineering

(University of South Australia)



# BE (Honours) Mechatronics

## About University of South Australia

University of South Australia is located in Adelaide and is the city's largest university with around 34,000 students, including 6000 students from over 80 countries. Formed in 1991, the University has quickly established a global reputation for the quality and creativity of its graduates and the innovative, outcomes-focused relevance of its research. The university offers more than 400 degree programs in Business, Education, Arts, Social Sciences, Health Sciences, Information Technology, Engineering and the Environment. Programs are designed with strong professional emphasis and in partnership with industry, and employment rates are above the national average.

The university is ranked in the top 3% of universities in the world and one of the Top 50 universities under 50 years of age (QS and Times Higher Education rankings). The university is a world-leader in engineering teaching and research and is ranked amongst the top 70 universities in the world for engineering and technology by Times Higher Education.



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## About the program - Bachelor of Engineering (Honours) - (Mechatronics)

The Bachelor of Engineering (Honours)- (Mechatronics) is an interdisciplinary program that combines mechanical engineering with electrical engineering and computer science.

This is a joint program between University of South Australia and PSG in Mechatronics Engineering leading to BE (Honours). In this unique program students study 2 years in India and 2 years in Australia.

After completing two years of study at PSG Coimbatore, students travel to Adelaide, Australia, for a further two years study at University of South Australia. Upon satisfactory completion of all degree requirements, students will be awarded “Bachelor of Engineering (Honours) - (Mechatronics)” by University of South Australia, conferring status as an accredited engineer, and opening the doors to an exceptional range of academic and work opportunities in Australia and across the world.



## Program Highlights

- All students are permitted to work in Australia part-time up to 40 hours per fortnight during study periods and unlimited hours during teaching breaks.
- 12 weeks of compulsory industrial experience to apply and integrate knowledge and skills in an industry setting.
- Advanced studies in research and professional practice leading to an Honours degree with thesis/project.
- Graduates are eligible for automatic membership of Engineers Australia with reciprocal recognition by engineering associations in over 15 countries including US, UK and India (National Board of Accreditation).
- 87% employment rate for mechatronics engineering graduates (2012).
- Opportunity to attain a Master of Engineering with one more year of study after the bachelor degree.

**High-performing students also have opportunities to apply for Ph.D studies (4 years).**

Living in Adelaide is 19 per cent cheaper than in Sydney and Melbourne and 7 per cent cheaper than either Brisbane or Perth.



## Opportunities for working in Australia

Under current migration policy, all students who complete a bachelor or master degree with a minimum of two years' full time study in Australia are eligible to apply for a Post-Study Work Visa with permission to work at any location in Australia in any profession for two years.

South Australia has strong industries in the areas of mining, defence and manufacturing all seeking to employ good engineers with a particular emphasis on the use of electronics and smart technologies. Potential employers include companies such as Australian Submarine Corp, BAE Systems, Codan and BHP Billiton, and a large number of small to medium companies which require the sort of skills developed in the mechatronic engineering program.

Website : [www.unisa.edu.au](http://www.unisa.edu.au)

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