



The
University
of Sydney

Research Degrees in Engineering

Doctor of Philosophy

Doctor of Engineering Practice

Master of Philosophy

School of Chemical and Biomolecular Engineering



About the School

The University of Sydney is ranked and benchmarked among the world's best, with research, teaching and learning outcomes of an international standard. The School of Chemical and Biomolecular Engineering at the University of Sydney, established in 1946, was the first school to offer a chemical engineering program at university-level in Australia.

The School is committed to teaching excellence and our graduates are highly regarded and sought after by employers in Australia and overseas. The School is research-intensive and considered a world leader in many cutting edge areas of chemical and biomolecular engineering.

Why study at the University of Sydney?

- Australia's first university, with an international reputation
- The first university-level School of Chemical Engineering in Australia
- Leading academics and researchers
- World-class facilities and research labs
- Scholarships, international academic conferences and opportunities
- Chemical and biomolecular engineers are in demand worldwide and have the highest average salaries among all professions (Source: www.mycareer.com.au)

Research areas

- Optical fibre technology
- Bioengineering and biophysics
- Sustainable technology
- Drying and process technology
- Polymer and systems engineering
- Combustion, energy and chemical process systems
- Micro-structured fluids research
- Mineral and materials processing
- Complex systems and sustainability

Research

COURSE NAME	COURSE CODE	CRICOS CODE	STUDY LENGTH	ENTRY	ACADEMIC REQUIREMENTS	ENGLISH REQUIREMENTS	2009 SEM FEE-AUD\$
Doctor of Philosophy	HB000	000703B	8 sems	March or July	Equivalent First or Second class honours; or standard deemed acceptable by the faculty.	IELTS 6.5 (6.0) TOEFL 577/233/4.5 IBT 90 (23/22)	\$14,160
Doctor of Engineering Practice	HB002	045836F	8 sems	March or July	As above.	IELTS 6.5 (6.0) TOEFL 577/233/4.5 IBT 90 (23/22)	\$12,960
Master of Philosophy	HC051	061790D	4 sems	March or July	As above.	IELTS 6.5 (6.0) TOEFL 577/233/4.5 IBT 90 (23/22)	\$12,960

Meet our students and graduates



Susie Wood

Susie Wood is from the United Kingdom, where she obtained a BA and MEng in Chemical Engineering from the University of Cambridge. She is currently a PhD student in the School of Chemical and Biomolecular Engineering.

Susie won the first prize in the Australian Institute of Energy's Postgraduate Student Awards at both New South Wales and national level.

"I wanted to do my PhD on a topic related to energy and the environment and the University of Sydney had projects and funding available in this area. And, of course, Sydney is a great place to live! My research is on the mitigation of fugitive methane emissions using porous burner reactors."

Bharat Bhushan

Bharat Bhushan is from India, where he obtained a Master of Engineering from the Indian Institute of Science in Bangalore. During his PhD study in the School of Chemical and Biomolecular Engineering, Bharat published his research in several leading international journals and received the 'best paper' award for novelty and relevance at the International Congress on Methodologies for Emerging Technologies in Automation in Italy 2006.

Bharat will start his post-doctorate research work in the USA in late 2007. "My PhD study has not only honed my skills in engineering but has also provided me with a strong foundation to conduct interdisciplinary research that is of direct relevance to the industrial world. I would now like to extend my research by collaborating with different researchers/research institutes worldwide."



Follow these three steps before submitting your application

1. Check the entry requirements at www.usyd.edu.au/fstudent/postgrad/apply/entry.shtml
2. Contact the School's postgraduate coordinator or a potential supervisor at info@chem.eng.usyd.edu.au
3. Check the information on scholarships at www.usyd.edu.au/ro/



The University of Sydney

Contact us

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