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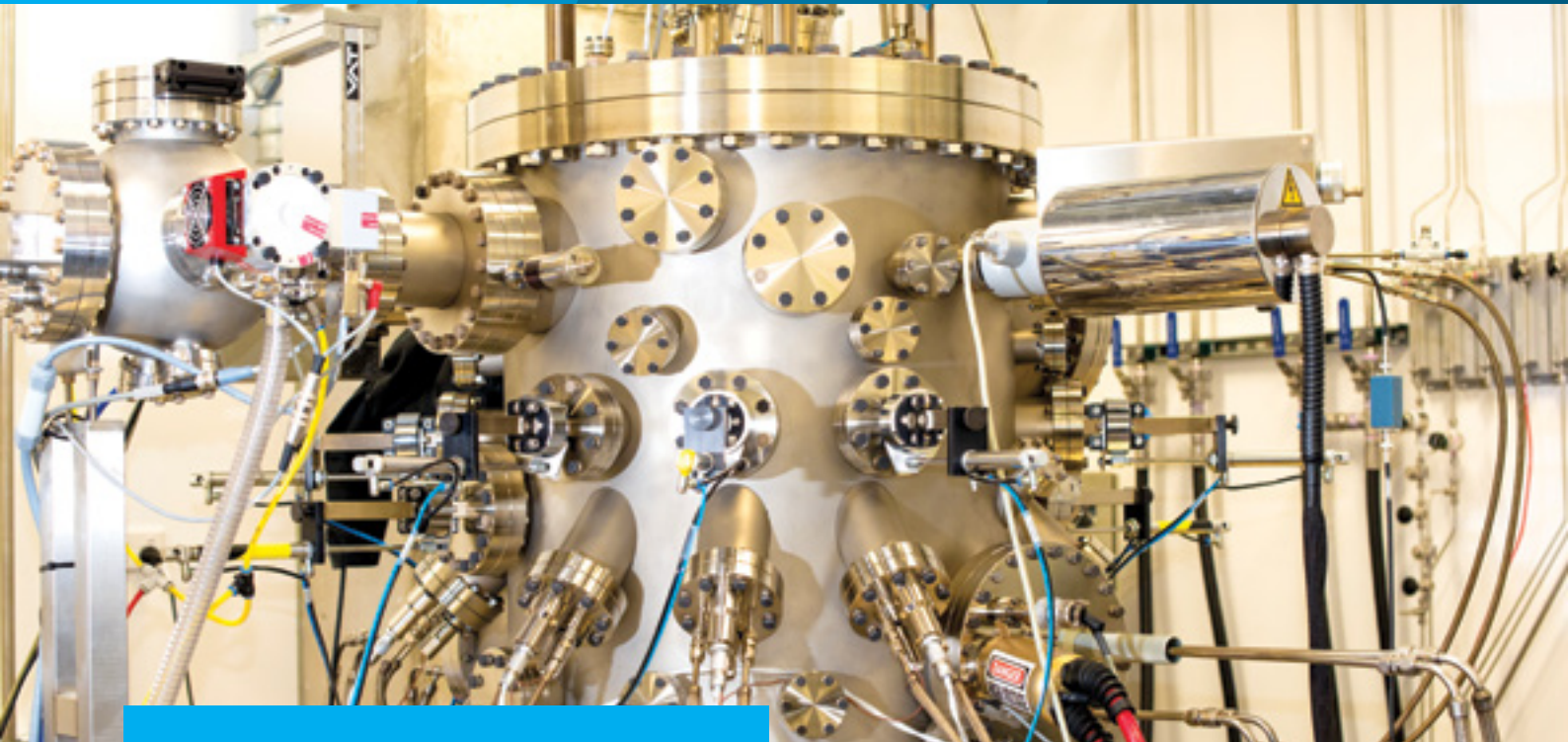
Materials Science and Engineering

Postgraduate Coursework Degrees and Research Degrees

Never Stand Still

Science

Materials Science and Engineering



Do you want to extend your depth of knowledge in Materials Science and Engineering? Solve some of the world's most pressing problems around sustainable development? Get a qualification to climb the corporate ladder?

If so, our postgraduate programs are the perfect place to start.

With an extensive history of excellence in research and teaching our School has achieved a ranking of #33 in the world and #1 in Australia (2016 QS University rankings).

A state-of-the-art new building and some of the world's most cutting-edge equipment allows for the fabrication and characterisation of a wide range of material classes as well as the development of advanced processing techniques.

Contacts

Coursework and Research

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Coursework Degrees

Master of Materials Technology

Program Code:	8717	<p>This program is designed for graduates wishing to enhance their career prospects, to diversify by adding a specialisation, or to update their knowledge in Materials Science and Engineering. It provides a comprehensive yet flexible study of the full range of materials, including ceramics, metals, polymers, composites and nanomaterials. Students may select one or more of these areas in which to specialise in their coursework component (75%) and/or their research component (25%). The coursework component may consist of a combination of formally taught courses as well as self-learning.</p>
Commencement:	Semester 1 or Semester 2	
Units of credit:	96	
Length of study:	2 year full-time or equivalent part-time	
Entry requirement:	A recognised Bachelor's degree in engineering or science.	

Research Degrees

Doctor of Philosophy (by Research)

Program Code:	1045 (Materials Science and Engineering)	<p>A PhD requires the completion of a piece of research that demonstrates a significant and original contribution to knowledge in the field of study. Candidates acquire advanced research training and skills. The candidate's thesis summarises the research and provides evidence for independent thought and critical analysis, effective communication, and expert knowledge of the discipline in an international context.</p>
Length of study:	3 to 4 years of advanced study leading to the submission of a thesis. Minimal duration for completion is 3 years.	

Master of Engineering (by Research)

Program Code:	2175 (Materials Science and Engineering)	<p>This program requires the completion of an original piece of research, more limited in scope and nature than a PhD. Candidates develop mastery of appropriate methodology and learn the fundamentals of research. Findings are presented in a thesis that places the work in the wider context of the discipline.</p>
Length of study:	1.5 to 2 years of advanced study leading to the submission of a thesis. Minimal duration for completion is 1.5 years.	

Master of Science (by Research)

Program Code:	2055 (Materials Science and Engineering)	<p>This program requires the completion of an original piece of research, more limited in scope and nature than a PhD. Candidates develop mastery of appropriate methodology and learn the fundamentals of research. Findings are presented in a thesis that places the work in the wider context of the discipline.</p>
Length of study:	1.5 to 2 years of advanced study leading to the submission of a thesis. Minimal duration for completion is 1.5 years.	

Master of Philosophy

Program Code:	2475	<p>Students complete a component of coursework (33%) plus a thesis comprising an original piece of research work of a limited scope (66%).</p>
Length of study:	1.5 years of advanced study leading to the submission of a thesis. The duration can be 1 year if advanced standing is granted.	