

Project Description

- Earn money whilst you Work and Study!
- 3 year term
- Scholarship Available, AU\$30,000 p.a. Tax Free

Scholarship is available for one PhD candidate to contribute to the research of advanced polymer composites manufacturing at Centre for Future Materials. With the global challenge of CO2 emission, composite materials have been found in the greater applications in aerospace, automotive, defence and wind energy industries. The PhD projects underpin the manufacturing technologies of polymer fibre composites in the era of Industry 4.0

The role: The aim of this project is to develop the efficient numerical tool to predict the stochastic nature in liquid composite moulding processes, towards to an artificial intelligent resin infusion system. The successful applicant will have the opportunity to work on a cutting edge area and within a world-class research team. The study will be conducted at Centre for Future Materials at University of Southern Queensland.

The person: Applicants must have one of the following: a Bachelor degree with First Class Honours or Second Class Honours (Division A) or equivalent, or a Masters degree (with a significant research component), or other qualifications and/or experiences equivalent to a minimum Second Class Honours (Division A), as deemed appropriate by the respective faculty. English Language Requirements: All students are required to satisfy the applicable English language requirements. This program requires a minimum of IELTS 6.5 or equivalent. If you do not meet the English language requirements you may apply to study a [University-approved English language program](#). The scholarship is available to Australian citizens, Australian permanent residents. International students with a Master degree from a reputable university are also encouraged to apply.

Contact: For more information please contact Dr. Xuesen Zeng (xuesen.zeng@usq.edu.au).

Send your CV, academic transcript, English test (if applicable) and details of 2-3 references by e-mail to: xuesen.zeng@usq.edu.au