WESTERN SYDNEY UNIVERSITY

# Digital Platform for Net-Zero Building Ecosystem Lifecycle (NØBEL)

## ABOUT THE PROJECT

This project aims to deliver an ecosystem in which net-zero project delivery models, using platform-based methodologies and sustainable materials, will be standard practice in construction. Through the comprehensive training and research, we will provide the new workforce skilled to implement this strategy. The topics under this scholarship are multi-disciplinary, including engineering, construction management, chemistry, physics, etc.

## WHAT DOES THE SCHOLARSHIP PROVIDE?

- Domestic students will receive a tax-free stipend of $32,500 per annum to support living costs, supported by the Research Training Program (RTP) Fee Offset.
- Exceptional candidates will receive an extra $5000 top-up scholarship per annum.
- Support for conference attendance, fieldwork and additional costs as approved by the Institute.

## ELIGIBILITY CRITERIA

The desirable candidate must have a strong background and experience on inter-disciplinary projects including civil engineering, material engineering or construction management. Experimental work may be required for this project. The candidate may be required to perform model development, optimisation, and programming for crop production, data analysis, and environmental assessment.

The successful applicant should:

- hold qualifications and experience equal to one of the following (i) an Australian First Class Bachelor (Honours) degree, (ii) coursework Masters with at least 25% research component, (iii) Research Masters degree, or (iv) equivalent overseas qualifications.
- demonstrate strong academic performance in subjects relevant to civil engineering, chemistry, material engineering or construction management.
- have an understanding of the importance of construction/ building.
- be willing to learn modelling and optimisation.
- be enthusiastic and highly motivated to undertake further study at an advanced level.

## HOW TO APPLY

1. Review the project's eligibility criteria. You will need to provide in your application a document which explain how you satisfy the project's eligibility criteria.
2. Submit an Expression of Interest (EOI) via the Online Portal.
3. Once your EOI is approved, log back into the Online Portal and submit your completed application by the application deadline.

Incomplete applications or applications that do not conform to the above requirements will not be considered.
For questions and advice about the research project, please contact the Lead Researchers

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Applications close **30 October 2026** at 11.59pm Australian Eastern Daylight Time (AEDT).
Scholarship reference code: PS2025_CS0548284_SoEDBE