



Scholarships in vibration control and earthquake engineering

Status: **Closed**

Applications open: 19/02/2019

Applications close: 30/06/2019

About this scholarship

Description/Applicant information

The candidate will work with Prof. Hong Hao and Dr Kaiming Bi on their Australian Research Council (ARC) projects in the areas of earthquake engineering (1 student) and structural vibration control (3 student).

Student type

- Future Students

Faculty

- Faculty of Science & Engineering
 - Engineering courses

Course type

- Higher Degree by Research

Citizenship

- Australian Citizen
- Australian Permanent Resident
- New Zealand Citizen
- Permanent Humanitarian Visa
- International Student

Scholarship base

- Merit Based

Value

The successful candidate will receive a stipend valued at \$27,596 per annum (2019 RTP rate).

The duration of the scholarship shall be for three years with a possible extension of up to six months provided the student meets eligibility guidelines as per the conditions of award.

If the successful candidate is an international student, the scholarship shall cover international tuition fees for the duration of the award.

Scholarship Details

Maximum number awarded

4

Eligible courses

Higher Degree by Research: PhD - Civil and Structural Engineering

Eligibility criteria

Bachelor degree (first class honours or upper second class honours) in Civil Engineering or related fields, and language requirement (IELTS, Overall 6.5, Speaking, Writing, Reading and Listening 6.0 or TOEFL, Overall 79, Reading, 13, Listening 13, Speaking 18, Writing 21).

Applicants with Master degrees with technical publications and research experiences in earthquake engineering, fluid dynamics and stochastic dynamic analyses are preferred.



How to apply

Application process

To apply, please send your expression of interest together with your CV, English testing score and transcripts via email to Dr Kaiming Bi (Kaiming.bi@curtin.edu.au).

Need more information?

Enquiries

For further information please contact:

Dr. Kaiming Bi via Kaiming.bi@curtin.edu.au

Further information

Student 1 will work on the dynamic analyses of bridge structures made of green materials. Applicants with experiences in structural dynamics and shaking table tests are preferred.

Student 2 will work on the vibration control of offshore platforms. Applicants with experiences in structural dynamics and computational fluid dynamics are preferred.

Students 3 and 4 will work on the vibration control of engineering structures with novel dampers. Applicants with experiences on inerter, metamaterial, random vibration are preferred.