

PhD Studentships available in Cement and Concrete Research at The Hong Kong Polytechnic University

PhD studentships are available in the Department of Civil and Environmental Engineering, The Hong Kong Polytechnic University. The successful applicants will join a dynamic research team led by Prof. Chi Sun Poon and contribute to a major research project on the recycling of construction wastes.

There are opportunities for research into different issues, including (i) the understanding of mechanism of CO₂ sequestration by recycled aggregates, (ii) the structures and properties of carbonation products produced, (iii) the evaluation of different processing and recycling techniques for construction and demolition wastes by life cycle assessment; (iv) the effect of using seawater and seasand on cement and concrete.

Abundant opportunities exist for international collaboration and exchanges. Successful applicants are expected to commence the PhD program at The Hong Kong Polytechnic University as soon as possible.

Applicants must possess the following qualifications/attributes:

- (a) A bachelor degree in Civil Engineering/Material Science or a closely related area with academic results being within the top 10% of the class from a reputable university.
- (b) A master degree is a desirable attribute but not an essential qualification.
- (c) A strong interest in pursuing an academic/research career.
- (d) For other general admission requirements (TOEFL, IELTS, GPA, etc.), please refer to <http://www51.polyu.edu.hk/eprospectus/rpg/admission-requirements>

Applicants with relevant research experience will be given preference. Research publications will be an important criterion for assessing the research experience and achievement of an applicant.

For details of what a PhD studentship offers, please refer to the information at the following link: <http://www51.polyu.edu.hk/eprospectus/rpg/research-studentships>.

If you meet the above requirements and are interested in the opportunity, please email (1) a brief cover letter, (2) a CV, and (3) a short personal statement explaining why you are interested in joining the research group, in a single PDF file, to Prof. C. S. Poon at cecspon@polyu.edu.hk (with the email subject of 'Application for PhD Position'). Short-listed candidates will be invited to attend a webbased or phone interview.