PhD scholarships are available for highly motivated and qualified students who are interested in pursuing a doctoral degree in geotechnical engineering at the Centre for Offshore Foundation Systems (COFS) in The University of Western Australia (UWA). Research topics are available in the broad field of soil mechanics or in any specific subject related to the rigorous characterisation and modeling of geomaterials. Topics of particular interest include (but are not limited to): three-dimensional soil behaviour, soil anisotropy and fabric analyses, principal stress rotation and intermediate principal stress effects, particle breakage and inter-particle bonding, and fundamental studies associated with the cyclic and dynamic responses of transitional soils, with a special focus on offshore sediments.

Qualified students with first-class honours in Civil/Geotechnical Engineering and experience or interest in fundamental soil mechanics are encouraged to apply. Previous experience with advanced laboratory testing and modeling of geomaterials would be considered a plus. UWA is located in the beautiful Perth metropolitan area in Western Australia and COFS is one of the world’s largest teams of internationally recognized researchers and consulting engineers in offshore geotechnics. Additional information about the centre is available at http://www.cofs.uwa.edu.au.

Prospective students may contact Assoc. Prof. Antonio Carraro at antonio.carraro@uwa.edu.au for additional information about research topics available or Ms. Monica Mackman at monica.mackman@uwa.edu.au for further details on the application process, which is also available at http://www.cofs.uwa.edu.au/courses.