

## Fully Funded PhD Position Arizona State University

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Posted Jun. 5, 2024, set to expire Oct. 5, 2024

<b>Job Title</b>	Fully Funded PhD Position
<b>Department</b>	Civil Engineering
<b>Institution</b>	Arizona State University Tempe, Arizona
<b>Date Posted</b>	Jun. 5, 2024
<b>Application Deadline</b>	Jun. 15, 2024
<b>Position Start Date</b>	Aug. 20, 2024
<b>Job Categories</b>	Graduate Student
<b>Academic Field(s)</b>	Geotechnical
<b>Apply By Email</b>	<a href="mailto:nmahabad@asu.edu">nmahabad@asu.edu</a>

### Job Description

The Center for Bio-mediated and Bio-Inspired Geotechnics at Arizona State University has multiple PhD positions with August 2024 start date. The Successful candidate will be hired as a Graduate Assistant (GA) and work on the topics of computational multiphase fluid flow in porous media, and bio-geotechnical techniques for soil liquefaction mitigation.

A successful candidate should have a strong background in computational fluid mechanics in porous media, computational geomechanics, as well as non-destructive experimental characterization of soils (seismic wave measurements using bender elements, and sensors-signals in soils). The candidate should feel comfortable implementing algorithms and processing data in at least one general-purpose programming language (Python, MATLAB, R). All students must submit GRE scores, while international students must also submit TOEFL or IELTS scores. The application deadline is May 7.

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Interested applicants should send their CV and GRE scores to [nmahabad@asu.edu](mailto:nmahabad@asu.edu) as soon as possible. Applications will be reviewed immediately and successful candidates will then be invited to apply formally for admission. For general information about admission, please refer to <https://admission.asu.edu/graduate/apply>

### Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

**Contact** Nariman Mahabadi

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