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Vacancy Notice

**Title:** Full-time professor

**Field of Knowledge:** Civil Engineering

**Specialization:** Structural Engineering, or Geotechnical Engineering

**Organizational Unit:** School of Engineering, Department of Civil and Environmental Engineering

**Primary location:** Universidad de las Américas Puebla at San Andrés Cholula, Puebla, México

**URL:** [www.udlap.mx](http://www.udlap.mx)

**Type of contract:** Fixed term

**Salary:** Commensurate with qualifications and experience

**Fringe benefits:** Health insurance, pension, and retirement benefits

**Teaching load:** 6-8 courses per year at undergraduate and graduate level, depending on research productivity

### Overview of the functions of the position

The applicant will teach, conduct research or develop artistic projects and advise in his/her area(s) of expertise. Essential responsibilities include:

- To teach between 6 and 8 courses per year, determined by research / creation activity, at the undergraduate and graduate levels and lead instructional activities specified in the approved curriculum and in the faculty bylaws. These activities include lecturing, leading seminars, individual and group tutoring, writing and grading exams, grading papers and reports, and conducting and supervising evaluation activities
- To participate in departmental and school activities, including meetings, committees, course and program evaluation, curriculum development, and grant preparation
- To provide academic support and advising to students
- To undertake cutting edge research or creation activities in order to contribute to the intellectual mission of the University
- To participate in calls for research / creation proposals
- To publish research achievements
- To participate in calls and maintain the status of member of *Sistema Nacional de Investigadoras e Investigadores* (the National System of Researchers in Mexico)

### Required qualifications

#### Education

- **Advanced university degree:** Ph.D. degree
- **Area of expertise:** Structural Engineering, or Geotechnical Engineering

#### Work Experience

- Young or experienced graduates from a Ph.D. program in Structural Engineering, Geotechnical Engineering, or closely related discipline
- For Structural Engineering background, demonstrated ability to teach courses on Statics, Solid Mechanics, structural analysis, finite element analysis, and design of concrete, steel and masonry structures, and Earthquake Engineering

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- For Geotechnical Engineering background, demonstrated ability to teach courses on Soil Mechanics, Geology, geometric design of highways, and pavement design
- Demonstrated ability to conduct research, verifiable through publications during doctoral studies, or higher research positions
- Proven experience at mentoring students or young engineers
- Experience in the design, management, and implementation of research projects
- Professional experience in the field of expertise is a plus

Skills/Competencies

- You aim to provide high quality education
- You are passionate about research in Structural Engineering, Geotechnical Engineering, or relevant areas in Civil Engineering
- You work effectively in a multidisciplinary and international environments
- You have the capacity to build and maintain partnerships with internal and external institutions and companies
- You can communicate effectively regarding technical and scientific issues
- You share our values of freedom with responsibility, tolerance and non discrimination, honesty and integrity, solidarity, and transparency

Languages

- English and Spanish
- Or English willing to develop Spanish skills

**Applications must be sent by email no later than:** March 15, 2024

**The University will contact you as soon as the process concludes**

**Position to start:** August 2024

**Application instructions:**

Please, send short cover letter, curriculum vitae (CV) with list of scientific publications, and copies of degree diplomas, transcripts and professional licenses (cédulas) to Dr. José Cabrera, Head of the Department of Civil and Environmental Engineering at [jose.cabrera@udlap.mx](mailto:jose.cabrera@udlap.mx). Doubts and are also welcome to that email address.