
Vacancy Notice

Title: Full-time professor

Field of Knowledge: Actuarial Sciences

Specialty: Actuarial Science, Financial Risk Management, Probability, Statistics, Finance or Demography

Organizational Unit: School of Sciences, Department of Actuarial Science, Physics, and Mathematics

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

URL: www.udlap.mx

Type of contract: Indefinite contract

Salary: Commensurate with qualifications and experience.

Fringe benefits: Health insurance, pension and retirement benefits.

Teaching load: 6-8 courses per year, 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, 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;
- Coordinating an academic area related to actuarial science
- 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 participate in calls for research proposals;
- Publishing research in reputable journals, with a focus on topics relevant to actuarial science, probability, statistics, finance, insurance, or related fields.

Required qualifications

Education

- **Advanced university degree:** Ph.D. in Actuarial Science, Financial Risk Management, Mathematics, Statistics, Finance, or a closely related field from a recognized institution.
- **Area of expertise:** Actuarial Science, Financial Risks, Probability, Statistics, Finance, Insurance, or Demography.

Work Experience

- At least 2 years of relevant research experience in actuarial science, financial risk management, probability, statistics, finance, insurance, or demography at the national or international level.
- At least 1 year of undergraduate teaching experience, with proven ability to effectively deliver courses in actuarial science, mathematics, or related fields.

Vacancy Notice

- Experience in the design, management, and implementation of research projects in the field of expertise.
- Demonstrated professional experience in the actuarial, financial, or insurance industries, or in related areas.

Skills/Competencies

- Ability to teach and advise undergraduate students in actuarial science and related fields.
- Proven ability to work effectively in a multidisciplinary and international academic environment.
- Capacity to build and maintain partnerships with internal and external institutions, industry professionals, and organizations in the actuarial field.
- Strong ability to communicate effectively on technical and scientific issues related to actuarial science, probability, and finance.
- Excellent written and oral communication skills in English; proficiency in additional languages is a plus.

Languages

- English and Spanish, or English willing to develop Spanish skills.

Technical skills

- Proficiency in programming languages such as Python and R, with the ability to develop macros for data analysis and modeling.
- Familiarity with statistical software and tools used in actuarial analysis.
- Experience with data visualization tools and techniques.
- Knowledge of relevant mathematical modeling software and methodologies.

Applications must be sent by email no later than: May 31st, 2025

The University will contact you as soon as the process concludes

Position to start: August 2025

Application instructions:

Send cover letter, curriculum vitae (CV) and a link with recent work samples to the Academic Director of the Department of Actuarial Science, Physics, and Mathematics: francisco.garcia@udlap.mx