Title: Full-time professor
Field of Knowledge: Data Science
Specialty: Statistics, Statistical Learning, Machine Learning, Data Mining, or closely related fields. Optimization or Computer Science with applications in data science may also be considered.
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 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 data 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;
- Conducting and publishing research or developing applied projects related to data science, statistics, optimization, machine learning or related fields.

Required qualifications

Education

- Ph.D. in Statistics, Applied Mathematics, Computer Science, or a closely related field from a recognized institution.
- Profiles in Optimization or Computational Mathematics with a clear focus on statistical learning and data science applications will be highly valued.
- Profiles in Computer Science will also be considered, provided they demonstrate a solid foundation in statistics and experience with statistical learning methods, or mathematics applied to data science.

Work Experience

- At least 2 years of relevant research or applied project experience in data science, machine learning, or statistical modeling.

- At least 1 year of teaching experience at the undergraduate or graduate level in data science, statistics, applied mathematics, or computer science.
- Demonstrated ability to design, manage, and implement applied or research projects related to data science.
- Experience collaborating with industry, government, or interdisciplinary academic teams is an asset.

Skills/Competencies

- Ability to teach and advise undergraduate students in data science and related fields.
- Strong foundations in applied statistics and/or machine learning, with demonstrated ability to communicate complex ideas clearly and effectively.
- Interdisciplinary mindset and ability to collaborate across academic units and disciplines.
- Strong capacity for independent and team-based research.
- Excellent communication skills (spoken and written); ability or willingness to teach in English is desirable.
- Capacity to mentor students on applied projects and foster their professional growth.

Languages

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

Technical skills

- Proficiency in at least one programming language used in data science (e.g., Python, R, Julia).
- Experience using statistical and machine learning libraries (e.g., scikit-learn, caret, TensorFlow, PyTorch, tidymodels).
- Familiarity with data visualization tools and techniques is a strong plus.
- Experience with version control and collaborative coding practices (e.g., Git/GitHub) is a plus.
- Familiarity with data security principles and practices, as well as parallel computing is a strong plus.
- Theoretical knowledge of neural networks and deep learning, as well as experience in their implementation is a strong plus.

Applications must be sent by email no later than: December 15, 2025

The University will contact you as soon as the process concludes

Position to start: January, 2026

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, Dr. Francisco García Castillo: francisco.garcia@udlap.mx