

Faculty of Mathematics

The Faculty of Mathematics carries out research, teaching, and the overall promotion of the fields of mathematics and statistics. It prepares professionals and researchers in the discipline through its undergraduate and graduate degrees, offering courses for the Faculty's students as well as the students of almost all other academic units of the university.

Main Research Areas:

- DEPARTMENT OF MATHEMATICS

- Complex Geometry
- Complex Variables
- Differential Equations
- Mathematical Logic
- Mathematical Physics
- Numerical Analysis
- Probability Theory
- Algebra

- DEPARTMENT OF STATISTICS

- Bayesian Inference Construction of Skew Distributions
- Inference in Elliptical and Skew-elliptical Models
- Inference on Non-standard Regression Models

- Longitudinal Data Models and Discriminant Analysis

- Models for Discrete Data

- Nonparametric Bayesian Inference

- Prediction Methods

- Statistical Analysis of Exponential Time Series Data

- Statistical Models for Educational Measurement

The Mathematics Library receives approximately 100 journals and has 8,000 books in all fields of advanced mathematics.

ACADEMIC STAFF:

The academic staff includes a total of 45 full-time and part-time professors, 98% of whom have formal graduate training.

