

Details of vacancies

Position: Full-time professor

Closing date: November 2, 2018

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A full-time professor is required as part of the team of Mathematics and Statistics, which will support the various programs of the University of Ibagué, mostly specializing in the Program for Environmental Biology (SNIES 106585).

The Faculty of Natural Sciences and Mathematics from the University of Ibagué whose main responsibilities are to support other powers in subjects of basic cycle. We are responsible for providing support in subjects related to Mathematics, Physics, Biology, Chemistry and statistics; in this process, we move forward in the design and implementation of new teaching and learning strategies, on line courses (MOOC), strengthening the articulation of subjects of Physics and Mathematics, in the design of elective courses and support the processes of research, interdisciplinary elective courses with different faculties of the institution. (Faculty of Engineering - Faculty of Economic and Administrative Sciences - Faculty of Humanities, Arts and Social Sciences - Faculty of Law and Political Science). It is a strategic axis for the faculty developing activities aimed at boosting and promoting the Program for Environmental Biology at regional and national levels.

Details of the work

Job title: Full-time professor, in the area of mathematics, statistics or Biology

Faculty: Natural Sciences and Mathematics

Program /academic area: Mathematics and Statistics

Job responsibilities:

Support for the activities of teaching in the area of Mathematics and Statistics in subjects such as statistics, probability, and statistics in the different programs of the University.

Support for the research activities of the Faculty of Natural Sciences and Mathematics in experimental designs and statistical sampling, modeling, multivariate analysis focused on biological systems or environmental, through linking to ongoing projects and the generation of new proposals that allow the structuring of a line of particular studies.

Support other academic processes required for the Faculty of Natural Sciences and Mathematics.

Main responsibilities (approximate % of time)

Minimum academic assignment of two courses, equivalent to six hours of face-to-face weekly chair more hours of preparation and advice (~30% of the total time). This assignment will depend on the additional responsibilities (e.g. research, consulting) assigned after review by the Dean.

Support the development of strategies in participation with teams of teachers related to first semester subjects (~30% of the total time).

Additional responsibilities include:

Contribution and active participation in the Research Group Naturatu, attached to the Faculty of Natural Sciences and Mathematics, through the structuring of projects and seedbeds that result in scientific publications, as well as relevant advice.

Participation in curriculum committee, or other required academic-administrative tasks in the processes to allocate the Dean.

Knowledge, skills and experience needed for the job

Required profile:

Professional or degree in Statistics, Mathematics, Biology or related fields. With a PhD in statistics, biostatistics, biological sciences or related fields.

Essential experience:

- University professor for at least one year.
- Research experience supported by scientific publications.
- Verifiable experience in experimental designs and statistical sampling, modeling, multivariate analysis focused on biological systems or environmental.
- Knowledge and skills in program management R (or in the absence of SPSS, Matlab, Infostat, or related).
- Demonstrate proficiency in the English language level B2 (at least according to the Common European Framework).

Desired Experience:

- Experience in the design of subjects, and processes that involve new approaches to the teaching-learning process