PROBABILITY AND MAHEMATICAL STATISTICS

Characteristics of the study program

- *Title of the study program*: Probability and Mathematical Statistics
- *Study field* 9.1.11: Probabiliy and Mathematical Statistics
- *Degree of the study*: doctoral
- *Duration of study*: 3 academic years
- *Degree*: philosophiae doctor (PhD.)
- *Guarantor of the program*: prof. RNDr. Gejza Wimmer, DrSc.

Scope of the graduate study program

The doctoral degree is a research degree intended to prepare students for professional careers mainly, but not exclusively, in academia. The graduate study comprises two parts: a study part and a research part. A plan of the study is prepared by the supervisor, and should be approved by a statistics committee. The main requirements are passing qualifying exams in three areas of study, passing an oral candidacy exam in the area of specialization, and writing and defending a thesis.

Profile of a graduate

The program aims at deepening and broadening knowledge and skills in probability and mathematical statistics. A graduate should be able to solve theoretical and applied problems related to data analysis and information processing, frequently also in cooperation with specialists from other fields. A graduate should also be able to communicate her/his results to other researchers as well as nonspecialists.

Requirements on applicants

An applicant is required to have completed the Master-degree in mathematics. Masters in other subjects are considered on case-by-case basis. All applicants have to pass an entrance exam. The exam committee is appointed by the Dean of the Faculty of Natural Sciences. Supervisor of a prospective graduate student is a member of the exam committee. Faculty at the study program Lectures, seminars and labs are held by selected lecturers from the Department of Mathematics FPV UMB, from the Institute of Computer Science and Mathematics and from the Mathematical Institute of the Slovak Academy of Sciences.

Members of the Statistics division of the Graduate School:

prof. RNDr. Gejza Wimmer, DrSc
prof. RNDr. Beloslav Riečan, DrSc.
as. prof. RNDr. Miroslav Haviar, CSc.
as. prof. RNDr. Vladimír Janiš, CSc.
as. prof. RNDr. Peter Maličký, CSc.
as. prof. RNDr. Ferdinand Chovanec, CSc.
as. prof. RNDr. Marta Vrábelová, CSc.
as. prof. RNDr. Vikor Witkovský, CSc.

Fees: 4000€ per academic year
Fee does not cover living expenses at the place. Students may apply for accommodation at the dormitories of Matej Bel University.

Contact:
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See also *http://www.fpv.umb.sk/en/departments/department-of-mathematics/*