

Characteristics of the study program

Title of the study program: **Mathematical Analysis**
Study field: **Mathematical Analysis**
Degree of the study: **doctoral**
Duration of study: **4 academic years**
Degree: **philosophiae doctor (PhD.)**
Guarantor of the program: **prof. RNDr. Ľubomír Snoha, DrSc.**

Scope of the study program

The main focus of the program is deep understanding of current state of research and ability of a graduate student to contribute to the knowledge, in the field of Mathematical Analysis. 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 committee.

Profile of a graduate

The program aims at preparing a self-standing researcher in the field of Mathematical Analysis. A graduate has a firm theoretical basis as well as a familiarity with the main applications. A graduate can study current publications in the field and use their results in solving theoretical as well as applied problems. A graduate can communicate her/his results to other researchers and have skills for teaching courses at the undergraduate level. A graduate can also easily adapt to other fields where mathematics is applied.

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.

Members of the Mathematical Analysis division of the Graduate School:

prof. RNDr. Ľubomír Snoha, DSc., DrSc.

(<http://km.fpv.umb.sk/index.php/staff/176-snoha-eng>)

prof. RNDr. Beloslav Riečan, DrSc. (<http://km.fpv.umb.sk/index.php/staff/113-riecan-eng>)

prof. RNDr. Roman Nedela, DrSc. (<http://www.savbb.sk/~nedela/>)

prof. RNDr. Rudolf Zimka, PhD. (<http://www.ef.umb.sk/index.asp?zid=173&uid=64>)

as. prof. RNDr. Roman Hric, PhD. <http://km.fpv.umb.sk/index.php/staff/46-english/english/198-hric-eng>

as. prof. RNDr. Vladimír Janiš, CSc. (<http://km.fpv.umb.sk/index.php/staff/203-janis-eng>)

as. prof. RNDr. Peter Maličský, CSc. (<http://km.fpv.umb.sk/index.php/staff/180-malicky-eng>)

as. prof. RNDr. Vladimír Špitalský, PhD. (<http://km.fpv.umb.sk/index.php/staff/185-spitalsky-eng>)

as. prof. RNDr. Ján Borsík, CSc. (<http://www.saske.sk/MI/eng/borsik.htm>)

as. prof. RNDr. Ľubica Holá, DrSc. (http://www.sav.sk/?lang=en&charset=&doc=org-user&user_no=2378)

as. prof. RNDr. Ferdinand Chovanec, CSc.

(http://www.sav.sk/?lang=en&charset=&doc=org-user&user_no=6700)
as. prof. RNDr. Milan Matejdes, CSc. (<http://is.tuzvo.sk/lide/clovek.pl?id=156;lang=en>)

Application form should be sent: jarmila.kmetova@umb.sk till 20. March 2015. Entrance exam fee 35 € (€32 for the electronic application forms) must be paid on:
account number 7000095590/8180 account symbol 10500203,
IBAN: SK7581800000007000095590, SWIFT: SUBASKBX,
Matej Bel University, Národná 12, 974 01 Banská Bystrica

Fees:

Tuition fee for one school year (2 semesters) is 2500 euro and it is due to be paid by the date of registration for the study.
revised yearly: www.fpv.umb.sk

Contact:

prof. RNDr. Ľubomír Snoha, DrSc.
*head of the Mathematical Analysis
division of the Graduate school*
e-mail: lubomir.snoha@umb.sk
Phone: 00421/48/446 7229

prof. RNDr. Pavol Hanzel, CSc.
head of Math Department
e-mail: pavol.hanzel@umb.sk
Phone: 00421/48/446 7231

See also <http://www.fpv.umb.sk/katedry/katedra-matematiky/> for more information.