

FACULTY OF NATURAL SCIENCES MBU

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Application deadline: until 30/ 04/ 2018 (internal studies)

Date of the written admission examination:

6/ – 8/ 06/ 2018 Master's Degree Studies (internal studies)

The Faculty Management has approved the additional admission procedure due to gaining the rights to the new study program Mathematics of Data Analysis and Finance in the master's degree in internal form of study.

Admission Examination Fee

Application for one study programme (paper document) – **35 €**

Application for one study programme (electronic document) - **32 €**

Payments are only accepted by wire transfer to the following:

1. Fee payment from EU countries:

Name of account: Univerzita Mateja Bela v Banskej Bystrici

Name and adress of the bank: **Štátna pokladnica, Radlinského 32, 810 05 Bratislava 15**

IBAN: **SK75 8180 0000 0070 0009 5590**

SWIFT / BIC: **SPSRKBA**

VS (Variable symbol): **5032 (Master's study)**

KS (Konstant symbol): **0308 – bezhotovostné platby**

SS (Specific symbol): **birth certificate number (applicants from the Slovak Republic)**
date of birth in the following form: DDMMYY
(foreign applicants)

Message for the recipient: **name and surname of the applicant**

2. Payment of the fee through an intermediary bank from outside the EU:

Name of account: Univerzita Mateja Bela v Banskej Bystrici

Name and adress of the bank: **Všeobecná úverová banka, a. s., Mlynské Nivy 1,
829 90 Bratislava**

IBAN: **SK75 8180 0000 0070 0009 5590**

SWIFT / BIC: **SUBASKBXXXX**

VS (Variable symbol): **5032 (Master's study)**

KS (Konstant symbol): **0308 – bezhotovostné platby**

SS (Specific symbol): **birth certificate number (applicants from the Slovak Republic)**
date of birth in the following form: DDMMYY
(foreign applicants)

Message for the recipient: **name and surname of the applicant**

Accredited Study Programmes Offered by the Faculty of Natural Sciences MBU in the Academic Year 2018/2019

MASTER'S DEGREE STUDIES						
Faculty	Study Programme	Form of Study	Degree of Study	Period of Study	Place of Study	Total admitted
Branch of Study: Mathematics						
FNS	Mathematics of Data Analysis and Finance	Internal	MA	2yrs	Banská Bystrica	15
MA Internal Studies in Total						15
Notes: <i>In case of a lesser number of applicants for a specific study programme in external form, the faculty reserves the right not to open the programme.</i>						

GENERAL INFORMATION ABOUT THE ADMISSION PROCEDURE

The application is due on **30/04/2018** for both Bachelor's and Master's degree studies in internal and external form. Postmarked date will be taken into consideration. The applicant may apply for more than one study programme but the applicant may only include one study programme in each application. It is necessary to always attach a copy of payment confirmation of the admission fee to the application form. Without the confirmation, the application form will not be accepted and will be returned.

Admission examination fee is **€35** for one study programme of University studies in internal and external form (**€32** for the electronic application forms).

If the applicant applies for two and more study programmes offered by the FNS MBU, the applicant should pay **€35 fee for each study programme (€32 for each study programme** for the electronic application form).

Refunds will not be granted for applicants that do not succeed or did not take part in the admission examination. In case of the applicant's absence from the admission examination due to a serious reason, part of the fee will be refunded once a written request is delivered to the student administration office of the faculty. The request must be postmarked before the date of admission examination.

The theses for the admission examination including the extent of required knowledge will be sent by the student administration office of the faculty along with the invitation to the admission examination.

Applicants that are accepted without an admission examination will be sent an admission decision after the student admission office has received both a secondary school diploma and the final-year school report (for MA's degree studies, a BA diploma; for PhD's degree studies, a MA or Ing. diploma). This is in accordance to § 58 of the law. 131/2002 Coll. Students who pass the admission examination will be sent the decision regarding their admission to studies according to § 58 of the law 131/2002 Coll.

Attachments to be attached with the application for a Master's degree study

1. The CV of the applicant,
2. A copy of the receipt for the admission proceedings fee payment (the payment must be wired, postal money orders cannot be accepted), A copy of the payment confirmation
3. A certified copy of a State Examination Diploma pertaining to the Bachelor's study or a Confirmation of a graduation of Bachelor's study (in the case of applicants for a Master's degree study who completed their studies at other universities)

Admission Examination

MASTER'S DEGREE STUDY

The applicant for study in a **Master's degree** study programme in the academic year 2018/2019 must have completed a bachelor's degree of studies in the same or similar study programme which is being applied for. **Study applicants who have completed a bachelor's degree of studies abroad are required under § 106 of Act no. 131/2002 Coll. to present a recognition of a qualification or Diploma obtained outside the territory of the Slovak Republic. The applicant admitted to studies is obliged to present the recognition of documents no later than the date of enrolment.**

In the academic year 2018/2019 the admission examination for **Master's degree** programmes in both internal and external form will be held as follows:

1. According to the guarantor of the study programme's decision, applicants can be admitted to studies with no admission examination if the number of applicants does not exceed the admission plan. Basic condition for admission will be a completed bachelor's degree of studies in the same or similar study programme.
2. If the number of applicants exceeds the admission plan for the study programme, applicants will be admitted to studies according to admission test results. In order for the applicant to successfully pass the written test, the applicant must have an assessment of at least 50% from the test result (in case of a Teaching Study Programmes with a combination, the two specialisation tests must have an assessed of at least 50%).

Tests will be written in:

- mathematics encompassing the bachelor's degree studies curriculum for the study programmes **Mathematics of Data Analysis and Finance**

UNIVERSITY STUDIES AT THE FACULTY OF NATURAL SCIENCES MBU, ORGANISATION AND COURSE OF STUDIES

University studies are based on the ECTS credit system, a tool that helps to evaluate and manage the studies. University education is realised within accredited study programmes in a bachelor's (three-year) and master's (two-year) degree, and doctoral studies (a three-, four- or five-year degree). Study programmes are realised in internal or external form by in-class or distant methods of learning.

The Faculty of Natural Science MBU presents itself as an educational institution whose aim is to educate future teacher of academic subjects and professional subject and practical preparation as well as experts in the non-educational area. The Faculty is a leading institution in Central Slovakia thanks to its varied and professional specialisation in the area of natural sciences and ecology. Excellent students are offered the possibility to study abroad within the Erasmus Programme (e.g. at Universidad de Murcia in Spain, Oulu University of Applied Sciences in Finland, Friedrich Schiller University of Jena in Germany, etc.).

Study programmes in the Pedagogy of Academic Subjects and the Pedagogy of Professional Subjects and Practical Preparation is usually realised as a combination study in two specialisation subjects or as a one specialisation subject at a master's level. The future teachers who wish to teach one more specialisation are provided with the continuing education in external form by the Faculty, as stated in the legislation in force.

The future teachers are prepared for teaching at the secondary level of primary schools, secondary grammar schools and secondary vocational schools. Their pedagogical qualification is guaranteed by the courses of pedagogical-psychological basis, by passing didactic professional courses, and by classroom experience and (continuous) pedagogical practice.

Graduates of the non-teaching study programme of Environmental Chemistry, Environmental Management, System Ecology, Geography and Landscape Ecology, Mathematics, Mathematical Statistics and Financial Mathematics, Applied Computer Science, and Applied Geology become experts in the practice.

The Doctoral study programmes of Mathematical Analysis, Probability and Mathematical Statistics, Theory of Mathematics Education, Evolution of Ecosystems and their Protection are focused on the graduates' acuirements in the latest scientific findings reflecting the current state of scientific research in the respective study programme.

Lectures and seminars in all study programmes are given within the premises of the Faculty of Natural Sciences MBU in Banská Bystrica. As for material-technical support, it fully corresponds to a degree of study and to a specialisation of the accredited study programme. Lectures and seminars are held in lecture halls, specialised classrooms used for experimental teaching of computer science, engineering and technologies, chemistry, physics, biology; computer classrooms, GIS classroom, collections, and libraries of the individual departments. The building houses the University Library with reading rooms of specialised magazines, periodicals, with audio-visual equipment and access to on-line library system. In addition to specialised classroom, Internet access is provided within the premises of the Faculty.

ACCOMODATION, BOARDING AND HEALTH CARE

Accommodations facilities are located in the residence hall ŠD 1:

- address: Tajovského 40, 974 01 Banská Bystrica, director of the residence hall: Ing. Orlíčková Katarína, telephone: 048/4467619, e-mail: katarina.orlickova@umb.sk, information desk of the residence hall - telephone: 4467620,
- bus connection: bus n. 34, 35, 36 to Podlavice and/or Skubín, trolleybus n. 1 to the Roosevelt Hospital (bus stop *Tajovského SOU* and a five-minute walk),
- type of accommodation: triple and double rooms with shared bath and lavatory. Furnishings: bed, bed-side table, wardrobe, shelves, chair, writing desk, blanket, pillow, bed cover, and bedding. On each floor, there is a common kitchen (cooker, cupboards)
- common rooms: study rooms, V club – managed by University students.

Boarding: In the building of the residence hall ŠD 1 there is a canteen for both students and employees of MBU.

Health Care: in the premises of the residence hall ŠD 1 there is a GP and a dental office.

THE APPLICATION OF GRADUATES

Master's Degree Study

SP – Mathematics of Data Analysis and Finance

The graduate is qualified for applying modern methods of Financial Mathematics, Statistics, Econometrics, Numerical Mathematics, etc., in practice. Each graduate has a knowledge of fundamental mathematical and statistical methods and the way they can be applied in practice. They acquire the abilities to employ computer technology (with a particular emphasis on System R) and know all the ways in which they can apply the software used in statistically-oriented departments, as well as in the financial and insurance sector. The graduate can find employment in the financial and insurance sector as an actuary or financial analyst, as well as in various economic sectors as a statistician and data analyst.

STUDY CONDITIONS FOR DISABLED STUDENTS AND STUDENTS WITH SPECIFIC NEEDS

The Faculty of Natural Sciences provides the appropriate study conditions for all disabled students and students with specific needs in accordance with their special study conditions and without lowering the requirements for their study performance. Applicants and students with special needs are disadvantaged in access to higher education because of their health or learning disabilities combined with the social factors that result from them. To overcome this disadvantage, targeted support services and appropriate adjustments are required without lowering the entitlement to their student results. All of the faculty premises are accessible to disabled people. For the visually impaired students, a student workplace with special software Jaws is set up. Each student is treated with specific approach according to his/her needs.

More detailed information about the conditions and possibilities of study for students with special needs can be found in the Study Guide for Students with Specific Needs at Matej Bel University in Banská Bystrica, which is available on the faculty webpage in the Study / Student / Students with Special Needs section.

Coordinator for students with special needs:

doc. Ing. Ľudovít Trajtel', PhD., Tel.: 048/ 446 7131, e-mail: ludovit.trajtel@umb.sk