

Study programmes offered in foreign languages



Study in Slovakia

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Study in Slovakia **Study programmes offered in foreign languages**

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Foreword

This publication should – in first place – provide foreign students with the information about study possibilities in Slovakia, especially in other languages than Slovak. During the time of preparation, we asked each higher education institution in Slovakia to give us not only a list of study programmes offered in English, or any other language, but also a short description of the programme and information about tuition fees for third country nationals, if applicable. Therefore, if there is some insufficient information about any programme, or if you need any further information, we recommend you to contact the respective institution directly (for each programme there should be a person responsible, but also you can find at each institution profile a web page, where contacts can be found).

Since the objective of this publication is to help foreigners to find a suitable study programme in Slovakia, we have summarised for you also an overview of higher education system in Slovakia together with the general information about application procedures and validation of the documents from abroad needed for the study application.

Should you need any other type of information, e.g. information about visa, residence permit, working while studying, general information about the life in Slovakia, we recommend you to have a look at our website www.saia.sk/en, where you can find the „International Student’s Guide to Slovakia” and also other links to useful websites.

Higher education system in Slovakia

Higher education institutions

Higher education institutions (HEIs) are third-level education, scientific and art institutions. The major task of HEIs is to provide higher education and creative scientific research or creative artistic activity.

Higher education institutions are classified **by the nature and scope of their activities** into university type of HEIs and non-university type of HEIs.

- a) The university type of higher education institutions provides education in the study programmes of all three levels of higher education (Bachelor's, Master's, Doctoral) with a significant portion of study programmes of the second level and study programmes of the third level. The study programmes are carried out in connection with activities of higher education institutions in the field of science, technology or art, and in compliance with the current state and development of such fields. The term "university" may only be used in the name of a university type of higher education institution.
- b) The non-university type of higher education institutions provides higher education mostly in the study programmes of the first level.

Based on founding and funding there are 3 types of HEIs:

- public higher education institutions – public institutions of higher education are established by law. They are financed mostly by the government. They are statutory and self-governing institutions. At present, there are 20 public institutions of higher education, comprising 9 more or less traditional universities, 5 universities of technology, 3 higher education institutions of art and music, 1 university of economics, 1 university of veterinary medicine and 1 agricultural university.
- state higher education institutions – state institutions of higher education (3 HEIs) are military, police and medical schools. They are established by law and governed by the state through the corresponding ministries of the government. The state HEIs are fully financed from the state budget.
- private higher education institutions – private institutions of higher education (11 HEIs) need a state approval issued by the Government of the Slovak Republic. They are established and financed by non-governmental institutions or founders. Most of the private higher education institutions provide education in the fields of economics, business, management, public administration, law, international relations, regional development, medical and social work.

Also foreign higher education institutions established and situated on the territory of another EU Member state or EEA State or Switzerland may provide higher education in accordance with the law of their country of origin on the territory of Slovakia once they have been granted official approval by the Ministry of Education, Science, Research and Sport of the Slovak Republic.

List of all higher education institutions in Slovakia:

Public higher education institutions

Academy of Arts in Banská Bystrica	Akadémia umení v Banskej Bystrici	www.aku.sk
Academy of Fine Arts and Design in Bratislava	Vysoká škola výtvarných umení v Bratislave	www.vsvu.sk
Academy of Performing Arts in Bratislava	Vysoká škola múzických umení v Bratislave	www.vsmu.sk
Alexander Dubček University of Trenčín	Trenčianska univerzita Alexandra Dubčeka v Trenčíne	www.tnuni.sk
Catholic University in Ružomberok	Katolícka univerzita v Ružomberku	www.ku.sk
Comenius University in Bratislava	Univerzita Komenského v Bratislave	www.uniba.sk
Constantine the Philosopher University in Nitra	Univerzita Konštantína Filozofa v Nitre	www.ukf.sk
J. Selye University in Komárno	Univerzita J. Selyeho v Komárne	www.uj.sk
Matej Bel University in Banská Bystrica	Univerzita Mateja Bela v Banskej Bystrici	www.umb.sk
Pavol Jozef Šafárik University in Košice	Univerzita Pavla Jozefa Šafárika v Košiciach	www.upjs.sk
Slovak University of Agriculture in Nitra	Slovenská poľnohospodárska univerzita v Nitre	www.uniag.sk
Slovak University of Technology in Bratislava	Slovenská technická univerzita v Bratislave	www.stuba.sk
Technical University in Zvolen	Technická univerzita vo Zvolene	www.tuzvo.sk
Technical University of Košice	Technická univerzita v Košiciach	www.tuke.sk
Trnava University in Trnava	Trnavská univerzita v Trnave	www.truni.sk
University of Economics in Bratislava	Ekonomická univerzita v Bratislave	www.euba.sk
University of Prešov in Prešov	Prešovská univerzita v Prešove	www.unipo.sk
University of Sts. Cyril and Methodius in Trnava	Univerzita sv. Cyrila a Metoda v Trnave	www.ucm.sk
University of Veterinary Medicine and Pharmacy in Košice	Univerzita veterinárskeho lekárstva a farmácie v Košiciach	www.uvlf.sk
University of Žilina in Žilina	Žilinská univerzita v Žiline	www.uniza.sk

State higher education institutions

Academy of the Police Force in Bratislava	Akadémia Policajného zboru v Bratislave	www.akademiapz.sk
Armed Forces Academy of General Milan Rastislav Štefánik in Liptovský Mikuláš	Akadémia ozbrojených síl gen. Milana Rastislava Štefánika v Liptovskom Mikuláši	www.aos.sk
Slovak Medical University in Bratislava	Slovenská zdravotnícka univerzita v Bratislave	www.szu.sk

Private higher education institutions

Bratislava International School of Liberal Arts in Bratislava	Bratislavská medzinárodná škola liberálnych štúdií v Bratislave	www.bisla.sk
College of Management/City University in Trenčín	Vysoká škola manažmentu v Trenčíne	www.vsm.sk
Dubnica Institute of Technology in Dubnica nad Váhom	Dubnický technologický inštitút v Dubnici nad Váhom	www.dti.sk
International School of Management Slovakia in Prešov	Vysoká škola medzinárodného podnikania ISM Slovakia v Prešove	www.ismpo.sk
Ján Albrecht Music and Art Academy in Banská Štiavnica	Hudobná a umelecká akadémia Jána Albrechta – Banská Štiavnica	www.huaja.org
Pan European University in Bratislava	Paneurópska vysoká škola v Bratislave	www.paneurouni.com
School of Economics and Management in Public Administration in Bratislava	Vysoká škola ekonómie a manažmentu verejnej správy v Bratislave	www.vsemvs.sk
St. Elizabeth College of Health and Social Work in Bratislava	Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety v Bratislave	www.vssvalzbety.sk
University of Central Europe in Skalica	Stredoeurópska vysoká škola v Skalici	www.sevs.sk
University of Security Management in Košice	Vysoká škola bezpečnostného manažérstva v Košiciach	www.vsbm.sk
University in Sládkovičovo	Vysoká škola v Sládkovičove	www.vssladkovicovo.sk

Foreign higher education institutions

Banking Institute/College of Banking (in Banská Bystrica)	Bankovní institut vysoká škola (v Banskej Bystrici)	www.bivs.cz
Institute of Hospitality Management in Prague	Vysoká škola hotelová v Praze	www.vsh.cz
University College of International and Public Relations, Prague (in Bratislava)	Vysoká škola mezinárodních a veřejných vztahů Praha (v Bratislave)	www.vip-vs.sk
Palacký University in Olomouc	Univerzita Palackého v Olomouci	www.upol.cz

Organisation of study

Higher education institutions provide higher education in the framework of accredited study programmes. The main teaching language is Slovak, however there are programmes delivered also in foreign languages (mainly in English), mostly for international students.

The academic year begins on September 1 of the current year and ends on August 31 of the following year. It is composed of 2 semesters (the winter semester lasts from September to January and the summer semester lasts from February to June). The organisation of academic year is set by the statute of the faculty or statute of the higher education institution.

The teaching process includes lectures, seminars, exercises, laboratory work, projects, practical training, consultations, etc. For the assessing students' achievements the credit system following the rules of the European Credit Transfer System (ECTS) is used; it was introduced in 2002 for all levels and forms of higher education study. Student's standard work load is expressed by the number of credits: 60 credits per academic year and 30 credits per semester. Every higher education institution determines the total number of credits required for the due completion of the study in its respective stages. Grading is based on the ECTS grading scale:

A – excellent = 1

B – very good (above-average achievements) = 1.5

C – good (average achievements) = 2

D – laudable (acceptable achievements) = 2.5

E – satisfactory (achievements fulfil only the minimum criteria) = 3

FX – unsatisfactory – fail (achievements do not fulfil even the minimum criteria) = 4

Study programmes are usually offered in one of the three levels of higher education, but a HEI may join the first two levels of higher education into a single whole.

The **first level** is a Bachelor study programme.

Study programmes of the **second level** and those of the first two levels of higher education joined into a single whole are:

- Master study programmes,
- Engineer study programmes,
- Doctor study programmes.

Study programmes of the **third level** are PhD study programmes.

All study programmes must be accredited by the Ministry of Education, Science, Research and Sport of the Slovak Republic.

In accordance with the level of study, higher education institutions award following academic degrees:

- 1st level – Bachelor (comprising app. 180 credits)
 - “bakalár” (abbr. “Bc.”).
- 2nd level – Master (comprising app. 120 credits)
 - “magister” (abbr. “Mgr.”), in the field of art “magister umenia” (abbr. “Mgr. art.”),
 - “inžinier” (abbr. “Ing.”) in technical, agricultural and economic fields of Engineer's programmes, and in the field of architecture and town-planning the academic degree of “inžinier architekt” (abbr. “Ing. arch. ”),
 - “doktor medicíny” (abbr. „MUDr. ”) in the field of human medicine,
 - “doktor stomatológie” (abbr. “MDDr.”) – dentists,
 - “doktor veterinárskej medicíny” (abbr. “MVDr.”) in the field of veterinary medicine.
- 3rd – PhD (doctoral) level
 - “philosophiae doctor” (abbr. “PhD.”),
 - “artis doctor” (abbr. “ArtD.”) in the field of art.

How to apply for study

Admission requirements

The principal requirement for entering a Bachelor degree programme or a combined 2nd level degree programme (4 – 5 years Master) is the completion of a full secondary general education or vocational education with a “maturita” – school-leaving examination. Admission to a follow-up Master’s degree programme (1 – 2 years) depends on the completion of the relevant Bachelor degree programme or its equivalent. Admission to Doctoral studies depends on the successful completion of a Master’s degree programme.

Students who want to study a full degree should apply directly to the higher education institution of their choice. Students may apply for several study programmes at various institutions and faculties. The deadline for submitting applications is usually the end of February or March. The date, content and form (oral or written examination, aptitude test) of the entrance process are decided upon by the faculty or the higher education institution. Entrance examinations are usually held between June and September. Examinations at art higher education institutions take place earlier, in January, and the deadline for filing applications is usually the end of November.

Admission requirements for international students are in general the same as for Slovak nationals. In justified cases the academic senate of the faculty may appropriately adapt them upon the proposal given by the dean/rector. International Baccalaureate holders meet general requirements for admission to higher education institutions in Slovakia.

Foreign applicants who do not meet all the requirements for admission may be required to attend preparatory courses, including Slovak language courses. Such courses are offered by the Institute for Language and Academic Preparation of Foreign Students, an independent unit of the Comenius University in Bratislava. Courses of Slovak language are also organised by respective universities. Every faculty determines its own criteria for students’ admissions. Students should ask for information and apply for admission at the faculty of their choice. The updated information on Slovak and English study programmes is available on the web pages or at the international relations offices of individual higher education institutions/faculties.

For the administration of admission proceedings fees apply – the amount is to be set by the respective higher education institution and the information can change each year, therefore consult the web page of the institution of your choice.

Tuition fees

Full time study at state and public higher education institutions is available free of charge for the **citizens of the Slovak Republic**.

Citizens of the European Union, European Economic Area or Switzerland (referred to as “member states” in the Slovak legislation), together with citizens of Belarus, Bosnia and Herzegovina, Macedonia, Moldova, Montenegro, Serbia and Ukraine or persons

having permanent residence in a member state studying full time in Slovakia without exceeding the standard length of study, are also exempt from the duty to pay tuition fees at public or state higher education institutions.

For **other foreign students** the tuition fees for study programme at any level apply and are set by each higher education institution individually. Fees vary from 750 € to 10,000 € per one academic year. Updated information on fees can be obtained from the international relations office of individual institutions.

Tuition fees and study-related fees for students **studying under international agreements** shall comply with the provisions of these agreements. The provisions are not applicable to foreign students with permanent residence at the territory of the Slovak Republic.

Recognition of previous education

Recognition of primary and secondary education

According to the legislation in force, the foreign qualifications giving access to higher education are recognised by District Education Authorities as a part of the general State administration in Slovakia. At present, there are eight regional authorities. The regional school authority has a competence to make a decision on the recognition of education and is given according to the place of residence.

The subject of nostrification is a document on education issued by a foreign school, which is comparable by its objectives and content of teaching to a primary school or corresponds to the study of an equal or similar subject in a secondary school.

The application for recognition is submitted to the Centre for Recognition of Diplomas (download application form at <http://www.minedu.sk/index.php?lang=en&rootId=69>).

The holder of a foreign certificate should attach to the application for nostrification:

- a) a verified copy of a certificate (notary-certified copy and translation into Slovak);
- b) unless the certificate directly shows a successful completion of the entire study, a verified list of subjects with the number of teaching hours in individual years of study (transcript of the curricula, notary-certified copy and translation into Slovak);
- c) a document from the foreign school on the extent of practical training in the case of a profiling component of the education and training, and is not shown in the curricula (notary-certified copy and translation into Slovak).

The Centre for Recognition of Diplomas issues a recommendation to an applicant.

The applicant delivers the recommendation of the Centre together with the appropriate documents to the District Education Authority according to the applicant's place of residence.

In the case that the study in the foreign school only partially corresponds to the curricula of secondary schools in Slovakia, or the graduate did not attach all the required documents mentioned above, the responsible authority could lay down the obligation to take a supplementary examination. The supplementary examination is meant to verify

the knowledge and skills of the graduate in subjects, or in their parts, which were not studied by the applicant in a foreign school and which have a direct relation to the graduate's profile or the field of study pursued. A graduate who is not a Slovak national does not have to take a supplementary examination in Slovak Language and Literature.

The District Education Authority determines the secondary school in which the graduate shall take the supplementary examination, the content and the date of examination.

A different procedure could apply when credentials were issued by a foreign school of a state with which an agreement has been concluded on the mutual recognition of documents on education by which the Slovak Republic is bound. In this case, the recognition is necessary for academic purposes (continuing in higher education in the SR), the credentials the credentials are considered as equal without nostrification. The regional school authority shall issue within 15 days from the delivery of the application a statement, in which it indicates the document on education with which the submitted document is equivalent.

Contact:

Ministry of Education, Science, Research and Sport of the Slovak Republic
Centre for Recognition of Diplomas
Stromová 1, 813 30 Bratislava
Slovak Republic
E-mail: eva.kaczova@minedu.sk
Tel.: +421/2/59 37 43 12

Office hours: Monday, Wednesday and Thursday from 8:30 to 11:30 and 12:30 to 14:00

Further information is available on the website of the Centre for Recognition of Diplomas
www.minedu.sk.

Recognition of diplomas (tertiary education)

The Slovak Republic has its own rules, which are applied for recognition of education from abroad. It is within the scope of competence of the Ministry of Education, Science, Research and Sport of the Slovak Republic. There is a Centre for Recognition of Diplomas, organisationally a part of the Ministry, and part of the international network of UNESCO, ENIC (European Network of Information Centres) and NARIC (National Academic Recognition Information Centres).

The procedures of recognition differ according to the purpose of recognition:

1. for the purpose of work (Act No. 293/2007 Coll. on recognition of professional qualification),
2. for the purpose of further education (Act No. 596/2003 Coll. on state administration of education and school self-government and Act No. 131/2002 Coll. on higher education institutions).

For academic purposes the decision lies upon the higher education institution that provides similar study programmes (if no such HEI exists, the decision is taken by the Ministry). There are bilateral agreements with Croatia, the Czech Republic, Germany, Hungary, Poland, and Romania, providing that the recognition by the HEI is done automatically (without any additional examinations).

A PhD degree from an EU/EEA/Swiss HEI is also recognised automatically for both purposes, an application has to be filed to the Ministry and it shall issue the decision within 30 days from when the application is filed (download form in Slovak at <http://www.minedu.sk/index.php?lang=sk&rootId=869j>).

Contact:

Ministry of Education, Science, Research and Sport of the Slovak Republic
Centre for Recognition of Diplomas
Stromová 1, 813 30 Bratislava
Slovak Republic
E-mail: eva.kaczova@minedu.sk
Tel.: +421 2/59 37 43 12

Office hours: Monday, Wednesday and Thursday from 8:30 to 11:30 and 12:30 to 14:00

Further information is available on the website of the Centre for Recognition of Diplomas www.minedu.sk.

How to get your documents sufficiently authenticated

Documents issued by foreign courts and other foreign authorities, which have the validity of public documents in the country of their issue, are deemed to have evidentiary status of public documents in the Slovak Republic provided that the prescribed certificates have been attached. Exemptions are laid down in multilateral and bilateral agreements binding upon the Slovak Republic.

Apostille

The Hague Convention Abolishing the Requirement for Legalisation for Foreign Public Documents, the Apostille convention or the Apostille treaty is an international treaty drafted by the Hague Conference on Private International Law. It specifies the modalities through which a document issued in one of the signatory states can be certified for legal purposes in all the other signatory states. Such a certification is called an apostille (French: certification).

It is an international certification comparable to a notarisation in domestic law.

If a State signatory to the **Hague Convention** certifies the document with an **apostille**, **no further certification of that document is necessary** (find more information on apostille at www.hcch.net); the document is submitted to a sworn translator (in Slovakia) in order to be translated into Slovak and is ready to be presented to Slovak authorities.

Updated list of countries that are signatories to the Hague Convention is at www.hcch.net/index_en.php?act=conventions.status&cid=41.

Find your national authority with competence to issue apostille with contact details and price information at www.hcch.net/index_en.php?act=conventions.authorities&cid=41.

Legalisation

In the case that an apostille is not applicable, foreign documents intended for use in the Slovak Republic are subject to legalisation by a Slovak foreign mission in the given state. Legalisation of public documents means certification of the authenticity of signatures and official seals or stamps which they bear against their specimens that are available to the foreign mission. The Slovak foreign missions verify the authenticity of a previous certificate issued by the Foreign Affairs Ministry of the country of origin of the respective document.

In addition to legalisation of documents, Slovak foreign missions also certify the authenticity of signatures appearing on documents, photocopies of documents and their translations into Slovak; if a translator is available at the foreign mission, the mission may also provide translations of certain documents. Slovak honorary consulates verify the authenticity of signatures duplicates and photocopies, which are then deemed valid in the Slovak Republic with no further authentication needed. Honorary consulates have no authority to legalise documents – i.e., to verify the authenticity of a stamp and signature of a Foreign Affairs Ministry consular department official.

If no Slovak foreign mission exists in the country which has issued the document, further procedures may be as follows – the document has to be certified in the country of its origin, with the last **stamp affixed to it being that of the Foreign Affairs Ministry** of the respective country. The authenticity of the stamp is then certified by a competent foreign mission of that country, accredited for the Slovak Republic, and, subsequently, by the Slovak Foreign Affairs Ministry. Documents executed in the Arabic, Indian, Chinese or Russian languages are translated into English before they are submitted to the Slovak Foreign Affairs Ministry.

The administrative fee for legalisation by the Slovak Ministry of Foreign Affairs is paid in the form of a **16.50 EUR duty stamp**. Clients are required to obtain duty stamps in advance (e.g. at the post office).

Contact details:

Document authentication department
Ministry of Foreign Affairs of the Slovak Republic
Pražská 1, Bratislava

Post address:

Ministry of Foreign Affairs of the Slovak Republic
Consular Section – legalisation
Hlboká cesta 2, 833 36 Bratislava
Slovak Republic

Telephone:

Document authentication department: +421/2/59 78 39 40
Foreign Affairs Ministry switchboard operator: +421/2/59 78 11 11
Fax: +421/2/59 78 39 29

Where to find an official translator

Slovak foreign missions may provide translations of documents intended for use in the Slovak Republic. No further verification is required in the case of documents translated by a Slovak embassy consular department. If you are already in Slovakia, a list of sworn translators is available at the Ministry of Justice of the Slovak Republic, Slovak regional courts and at http://jaspi.justice.gov.sk/jaspiw1/htm_reg/jaspiw_mini_regt_vyber_hl1.asp (in Slovak only).

Once authenticated properly (legalisation or Apostille certification), public documents translated into the Slovak language by a sworn translator may be presented to institutions in the Slovak Republic. Documents translated by a sworn translator in the Slovak Republic do not require any further verification.

Study programmes offered in foreign languages

Public higher education institutions

Academy of Arts in Banská Bystrica

Akadémia umení v Banskej Bystrici

Jána Kollára 22, 974 00 Banská Bystrica, Slovakia
www.aku.sk



The Academy of Arts in Banská Bystrica was established in 1997 by the Law of the National Council of the Slovak Republic as an institution for the training of professional artists. The Academy aims to develop creative knowledge and to train its students to the highest level in music, fine arts and dramatic arts, allowing them to find employment in relevant fields in the Slovak Republic and abroad.

At present, none of the study programmes offered by the Academy of Arts can be studied in English or any other foreign language.

Faculties

Faculty of Dramatic Arts	Fakulta dramatických umení	www.fdu.aku.sk
Faculty of Fine Arts	Fakulta výtvarných umení	www.fvu.aku.sk
Faculty of Music	Fakulta múzických umení	http://fmu.aku.sk

More information: prof. Ľudovít Hološka
prorektorrozv@aku.sk

Academy of Fine Arts and Design in Bratislava

Vysoká škola výtvarných umení v Bratislave

Hviezdoslavovo nám. 18, 814 37 Bratislava, Slovakia

www.vsvu.sk



The Academy of Fine Arts and Design was founded in 1949 in Bratislava. Today it is a modern and dynamic European university. Its students and teachers successfully present their artworks in Slovakia and abroad. The Academy is a fully accredited university offering complex Bachelor and Master study programmes in the field of fine arts, design, architecture, conservation and restoration, and the study programmes History and Theory of Fine Arts and Architecture are accredited also for PhD studies.

At present, none of the study programmes offered by the Academy of Fine Arts can be studied in English or any other foreign language.

More information: Mgr. Silvia Seneši Lutherová, PhD.
senesi-lutheroa_foreign@vsvu.sk

Academy of Performing Arts in Bratislava

Vysoká škola múzických umení v Bratislave

Ventúrska 3, 813 01 Bratislava, Slovakia
www.vsmu.sk



The Academy of Performing Arts is a public institution of higher education founded in 1949 in Bratislava. It trains creative people for theatre and music stages, radio, television and film, educates high quality teachers, art theorists and critics. Its graduates became the cornerstones of modern Slovak theatre. Its three faculties offer a wide range of courses in theatre, drama, puppetry, music, dance, film and television.

Faculties

Film and Television Faculty	Filmová a televízna fakulta	http://ftf.vsmu.sk
Music and Dance Faculty	Hudobná a tanečná fakulta	www.htf.vsmu.sk
Theatre Faculty	Divadelná fakulta	http://vsmu.sk/vsmu_df

List of study programmes provided in English or other foreign language

Master Level

Programmes: Accordion; Bassoon; Chamber Music; Choir Conducting; Church Music; Clarinet; Composition; Contrabass; Flute; French Horn; Guitar; Harp; Oboe; Orchestral Conducting; Organ; Piano; Trombone; Trumpet; Tuba; Viola; Violin; Violoncello; Voice
Degree: Master

Language: German, English

Faculty: Music and Dance Faculty

Tuition Fee: 3,500 €/academic year

More information: Mgr. art. Lucia Papanetzová, ArtD.
papanetzova@vsmu.sk

Doctoral Level

Programmes: Accordion; Bassoon; Chamber Music; Choir Conducting; Church Music; Clarinet; Composition; Contrabass; Flute; French Horn; Guitar; Harp; Oboe; Orchestral Conducting; Organ; Piano; Trombone; Trumpet; Tuba; Viola; Violin; Violoncello; Voice
Degree: Doctorate (ArtD.)

Language: German, English

Faculty: Music and Dance Faculty

Tuition Fee: 3,500 €/academic year

More information: Mgr. art. Lucia Papanetzová, ArtD.
papanetzova@vsmu.sk

Alexander Dubček University of Trenčín

Trenčianska univerzita Alexandra Dubčeka v Trenčíne

Študentská 2, 911 50 Trenčín, Slovakia

www.tnuni.sk



The Alexander Dubček University of Trenčín belongs to one of the youngest universities in the Slovak Republic. The first academic year began on 13 September 1997. The university is named after Alexander Dubček, famous Slovak politician. The University is located in the historical town of Trenčín.

At the University, you can find a centre of excellence called Centre of Glass Competences – Vitrum Laugaricio. It was established in cooperation with the Slovak Academy of Sciences. This department is focused on inorganic technologies and materials, especially on inorganic non-metallic materials, ceramics and glass.

The University offers 22 study programmes at 5 faculties and 2 university departments. At present, none of the study programmes offered by the Alexander Dubček University can be studied in English or any other foreign language.

Faculties

Faculty of Industrial Technologies in Púchov	Fakulta priemyselných technológií v Púchove	http://fpt.tnuni.sk
Faculty of Mechatronics	Fakulta mechatroniky	http://fm.tnuni.sk
Faculty of Public Health Care and Nursing	Fakulta zdravotníctva	http://fz.tnuni.sk
Faculty of Social and Economic Relations	Fakulta sociálno-ekonomických vzťahov	http://fsev.tnuni.sk
Faculty of Special Technologies	Fakulta špeciálnej techniky	http://fst.tnuni.sk

More information: Lenka Havierová
lenka.havierova@tnuni.sk

Catholic University in Ružomberok

Katolícka univerzita v Ružomberku

Námestie Andreja Hlinku 60, 034 01 Ružomberok, Slovakia
www.ku.sk



The Catholic University in Ružomberok is a public university with religious character. It consists of four faculties. Since 2010, the University is a member of the International Federation of Catholic Universities. Since 2007, the University is a member of the Fédération des Universités Catholiques Européennes.

The University performs its activities especially in the field of humanities, historical, pedagogical, and social health sciences, as well as in the field of arts, economics, management, and law.

At present, there is a possibility to study some programmes in English or German language, but some of the courses are in Slovak language.

Faculties

Faculty of Arts and Letters	Filozofická fakulta	www.ff.ku.sk
Faculty of Education	Pedagogická fakulta	www.pf.ku.sk
Faculty of Public Health	Fakulta zdravotníctva	www.fz.ku.sk
Faculty of Theology in Košice	Teologická fakulta v Košiciach	www.tf.ku.sk

More information: Mgr. Michaela Chovancová
michaela.chovancova@ku.sk

Comenius University in Bratislava

Univerzita Komenského v Bratislave

Šafárikovo nám. 6, 818 06 Bratislava, Slovakia
www.uniba.sk



The Comenius University in Bratislava is the oldest and the largest university in the Slovak Republic. It was founded in 1919, and it follows the tradition of the Academia Istropolitana, which was founded in Bratislava in 1465 by Mathias Corvinus, a Hungarian King. Since its foundation it has occupied a forefront position in the national system of higher education, and became an internationally recognised centre of science and research.

The Comenius University has 13 faculties and more than 20 educational, scientific and other institutes and special facilities. Every year, at the Comenius University study more than 28,000 students (out of them 21,000 full-time students), including almost 1,800 international students from more than 80 countries from all over the world. The Comenius University offers a broad spectrum of study programmes.

Comenius University in Bratislava is also an important scientific institution. It has a scientific capacity of more than 2,000 academic teachers and scientific workers.

Faculties

Faculty of Education	Pedagogická fakulta	www.fedu.uniba.sk
Faculty of Evangelical Theology	Evanjelická bohoslovecká fakulta	www.fevth.uniba.sk
Faculty of Law	Právnická fakulta	www.flaw.uniba.sk
Faculty of Management	Fakulta managementu	www.fm.uniba.sk
Faculty of Mathematics, Physics and Informatics	Fakulta matematiky, fyziky a informatiky	www.fmph.uniba.sk
Faculty of Medicine	Lekárska fakulta	www.fmed.uniba.sk
Faculty of Natural Sciences	Prírodovedecká fakulta	www.fns.uniba.sk
Faculty of Pharmacy	Farmaceutická fakulta	www.fpharm.uniba.sk
Faculty of Philosophy	Filozofická fakulta	www.fphil.uniba.sk
Faculty of Physical Education and Sports	Fakulta telesnej výchovy a športu	www.fsport.uniba.sk
Faculty of Social and Economic Sciences	Fakulta sociálnych a ekonomických vied	www.fses.uniba.sk
Jessenius Faculty of Medicine in Martin	Jesseniova lekárska fakulta v Martine	www.jfmed.uniba.sk
Roman Catholic Faculty of Theology of Cyril and Methodius	Rímskokatolícka cyrilometodská bohoslovecká fakulta	www.frcth.uniba.sk

List of study programmes provided in English or other foreign language

Master Level

Programme: Dentistry**Degree:** Dental Medicine Doctor (6 years)**Language:** English**Faculty:** Faculty of Medicine

About the Programme: Dentistry is an independent medical branch, which includes diagnostics, prevention and treatment of the diseases of oral cavity and teeth. It includes two of the most common chronic infectious diseases – dental caries and periodontal diseases and their complications, as well as other diseases that affect oral cavity and maxillofacial part.

More information: Mgr. Katarína Mazancová – katarina.mazancova@fmed.uniba.sk
Jana Miklovičová – jana.miklovicova@fmed.uniba.sk

Programme: General Medicine**Degree:** General Medicine Doctor (6 years)**Language:** English**Faculty:** Faculty of Medicine

About the Programme: Programme graduates gain theoretical knowledge of anatomical structure of the organism and its physiological functions. Education is based on basic principles of etiology and pathogenesis of pathological state and ways of treatment. Students receive complex education focused on diagnostics, differential diagnostics, therapy and prevention of diseases.

More information: Mgr. Katarína Mazancová – katarina.mazancova@fmed.uniba.sk
Jana Miklovičová – jana.miklovicova@fmed.uniba.sk

Programme: General Medicine**Degree:** General Medicine Doctor (6 years)**Language:** English**Faculty:** Jessenius Faculty of Medicine in Martin

About the Programme: The programme includes 5,795 hours of theoretical education and practical training. Lectures represent less than a half of the total weekly hours. The entire sixth year is devoted to internships on Internal Medicine, Surgery, Paediatrics, Obstetrics and Gynaecology departments.

More information: PaedDr. Andrej Krajčovič Andrej Krajčovič – akrajcovic@jfmed.uniba.sk
Ing. Eva Tišliarová – tisliarova@jfmed.uniba.sk

Programme: Pharmacy**Degree:** Master**Language:** English**Faculty:** Faculty of Pharmacy

About the Programme: Programme is focused on drug and pharmaceutical issues within the framework of health and drug policy as well as theoretical and methodological aspects of dispensation activities and communication with patient/client while implementing pharmaceutical processes. To obligatory courses belong for example: Organic Chemistry, Physical Chemistry, Pharmaceutical Botany, Pharmacognosy, Pharmacology and Toxicology, Immunology, Microbiology, Radiopharmaceuticals. Students can also choose from a list of obligatory optional courses like: Immunodiagnostics, Medicinal Plants, Biotechnology, New Trends in Analytical Chemistry, Xenobiology. Practice in a Community Pharmacy is an opportunity for each student to get in touch with a real life pharmaceutical experience.

More information: Mgr. Michaela Gašparová
gasparova@fpharm.uniba.sk

Constantine the Philosopher University in Nitra

Univerzita Konštantína Filozofa v Nitre

Tr. A. Hlinku 1, 949 74 Nitra, Slovakia
www.ukf.sk



The Constantine the Philosopher University in Nitra is a public comprehensive university founded in 1992. Over the course of time, the University has secured its position in the Slovak higher education system while transforming itself into a university, an advanced educational and research institution meeting the criteria imposed on European university institutions. The University has defined itself as a comprehensive university with faculties providing education not only in traditional teacher training programmes but also in many other scientific and professional study programmes at all levels of study. The University offers study programmes in teacher training, arts, social, human and natural sciences and health care. The main ambition of the University is to make the study courses more flexible and challenging for its students and to respond to the vital needs of the society, while providing the applicants with different ways and forms of undergraduate, postgraduate and life-long study. By student population – more than 13,000 students – it belongs to larger Slovak universities. Research activities of the University meet national and international standards in selected areas of research. The University puts much emphasis on international co-operation in all fields of study and research. Within this area, the emphasis is focused on the following activities: research and co-operation, research mobility, projects and conferences, student and teacher mobility, practical training.

Faculties

Faculty of Arts	Filozofická fakulta	www.ff.ukf.sk
Faculty of Central European Studies	Fakulta stredoeurópskych štúdií	www.fss.ukf.sk
Faculty of Education	Pedagogická fakulta	www.pf.ukf.sk
Faculty of Natural Sciences	Fakulta prírodných vied	www.fpv.ukf.sk
Faculty of Social Sciences and Health Care	Fakulta sociálnych vied a zdravotníctva	www.fsvaz.ukf.sk

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: English Language and Culture

Degree: Bachelor

Language: English

Faculty: Faculty of Education (Department of Language Pedagogy and Intercultural Studies)

About the Programme: Programme graduates are able to use the foreign language in written and spoken form of communication. They are able to apply the acquired knowledge in the field of translation strategies, techniques of simultaneous and consecutive interpreting, global knowledge of the intercultural communication behaviour, linguistics, and literary sciences.

Tuition Fee: from 1,500 €/academic year

More information: doc. PaedDr. Silvia Pokrivčáková, PhD.

spokrivcakova@ukf.sk

Programme: English Language and Literature**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Education (Department of Language Pedagogy and Intercultural Studies)**About the Programme:** Programme graduates develop a professional profile of English language teachers for elementary and secondary schools. The preparation of graduates consists of theoretical and practical linguistic disciplines, a variety of literary criticism courses and methodology in English language as well as the practical use of the acquired knowledge in English language teaching.**Tuition Fee:** from 1,500 €/academic year**More information:** doc. PaedDr. Ctibor Határ, PhD.

chatar@ukf.sk

Programme: Environmental Studies**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Natural Sciences (Department of Ecology and Environmentalistics)**About the Programme:** This study programme provides deep ecologic and environmental interdisciplinary education. Programme graduates are able to apply creativity, imagination, analytic and synthetic reasoning for solving the environmentally and ecologically aimed projects. They are well-equipped with analytical environmental knowledge, and a good knowledge of other disciplines, e.g. Landscape Environmental Planning, Environmental Management, Environmental Protection and Landscape Management, Environmental Law and Politics, and other social, technical and economic disciplines.**Tuition Fee:** from 1,500 €/academic year**More information:** prof. Ing. Zdenka Rózová, CSc.

zrozova@ukf.sk

Programme: Hungarian Studies**Degree:** Bachelor**Language:** Hungarian**Faculty:** Faculty of Central European Studies (Institute of National and Ethnical Cultures)**About the Programme:** Programme graduates are able to deal with the results of Hungarian culture in different cultural environments. They are able to apply obtained knowledge in the field of Hungarian culture (literature, music, fine art, and drama), individual levels and functions of Hungarian language styles, literary scientific and literary historical disciplines. The graduate has acquired basic analysis and interpretations of prosaic, drama and poetic texts.**Tuition Fee:** from 1,500 €**More information:** prof. János Pusztay, CSc.

jpusztay@ukf.sk

Master Level

Programme: Biology

Degree: Master

Language: English

Faculty: Faculty of Natural Sciences (Department of Botany and Genetics)

About the Programme: Programme graduates are able to solve problems of biological research and practical tasks of applied biology; they have the knowledge of and skills in methods of live systems research on various levels of their organisation (molecule, cell, organism, population, ecosystem). They are able to follow rapidly changing scholarship in various disciplines (especially Molecular Biology and Genetics, Immunobiology, Biotechnologies); to use methods of biological and some chemistry disciplines; to use equipment and material used in basic and applied biological research; to analyse data obtained in experimental research and in fieldwork (in environmental-ecology specialisation) and on the basis of gained data suggest possible solutions. Graduates have good practical skills from fieldworks or laboratory exercises. They can properly use gained knowledge and skills when solving tasks of basic and applied biological research and thus promptly react to actual needs of social practice.

Tuition Fee: from 1,500 €/academic year

More information: prof. RNDr. Mária Bauerová, PhD.

mbauerova@ukf.sk

Programme: English Language and Literature

Degree: Master

Language: English

Faculty: Faculty of Education (Department of Language Pedagogy and Intercultural Studies)

About the Programme: Programme graduates develop a professional profile of English language teachers for elementary and secondary schools. The preparation of graduates consists of theoretical and practical linguistic disciplines, a variety of literary criticism courses and methodology in English language as well as the practical use of the acquired knowledge in English language teaching.

Tuition Fee: from 1,500 €/academic year

More information: doc. PaedDr. Ctibor Határ, PhD.

chatar@ukf.sk

Programme: Hungarian Studies

Degree: Master

Language: Hungarian

Faculty: Faculty of Central European Studies (Institute of National and Ethnical Cultures)

About the Programme: Programme graduates are able to deal with the results of Hungarian culture in different cultural environments. They are able to apply obtained knowledge in the field of Hungarian culture (literature, music, fine art, and drama), individual levels and functions of Hungarian language styles, literary scientific and literary historical disciplines. The graduate has acquired basic analysis and interpretations of prosaic, drama and poetic texts.

Tuition Fee: from 1,500 €

More information: prof. János Pusztay, CSc.

jpusztay@ukf.sk

Doctoral Level

Programme: Hungarian Studies

Degree: Doctorate (PhD.)

Language: Hungarian

Faculty: Faculty of Central European Studies (Institute of National and Ethnical Cultures)

About the Programme: Programme graduates are able to deal with the results of Hungarian culture in different cultural environments. They are able to apply obtained knowledge in the field of Hungarian culture (literature, music, fine art, and drama), individual levels and functions of Hungarian language styles, literary scientific and literary historical disciplines. The graduate has acquired basic analysis and interpretations of prosaic, drama and poetic texts.

Tuition Fee: 3,000 – 8,000 €/academic year

More information: prof. János Pusztay, CSc.
jpusztay@ukf.sk

Programme: Theory of Teaching Mathematics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Natural Sciences (Department of Mathematics)

About the Programme: Innovations in terms of content, methods and forms used in the process of teaching mathematics, an effort to cultivate mathematical talents at primary and secondary schools, didactic questions concerning computer-aided teaching mathematics, motivation and creativity of children during the process of learning, differentiation of children according to their skills and abilities, projecting the lessons according to the textbooks of mathematics.

Tuition Fee: 3,000 – 8,000 €/academic year

More information: doc. PaedDr. Soňa Čeretková, PhD.
sceretkova@ukf.sk

J. Selye University in Komárno

Univerzita J. Selyeho v Komárne

Bratislavská cesta 3 322, 945 01 Komárno, Slovakia
www.ujs.sk



The J. Selye University was founded in 2004 in Komárno. It is the youngest public university in Slovakia. Key objective of the University is to prepare academically qualified experts in finance, management, information technology, business and marketing, primary and secondary school teachers, theologians and catechists, who would be able to find suitable employment in the Slovak, European or international labour market. Thanks to their education, communication abilities and language skills, they are able to contribute to the promotion of market economy and raise the level of competitiveness of Central and Eastern-European economies, as well as to the creation of a solid base for high-quality education in ethnic schooling, while at the same time preserving and strengthening moral values of the society.

Main language of the University is Hungarian, which is the mother tongue of the Hungarian minority in Slovakia. The University provides studies also in Slovak, English and German.

Faculties

Faculty of Economics	Ekonomická fakulta	www.ujs.sk/ef
Faculty of Education	Pedagogická fakulta	www.ujs.sk/pf
Reformed Theological Faculty	Fakulta reformovanej teológie	www.ujs.sk/rtk

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Company Management and Economics

Degree: Bachelor

Language: Hungarian

Faculty: Faculty of Economics

About the Programme: The programme is focused on micro- and macroeconomics, international economics, corporate economics, marketing, accounting, law and economic law, statistics, informatics, management and other scientific areas. Programme graduates are able to solve various economic problems of companies, manage small and medium enterprises, and work as lower and middle level managers.

Tuition Fee: 1,000 €/academic year

More information: Mgr. Ingrid Szabó
szabo.ingrid@selyuni.sk

Programme: Missiology, Deacony and Social Work**Degree:** Bachelor**Language:** Hungarian**Faculty:** Reformed Theological Faculty**About the Programme:** Missiology, deacony and social work are interconnected, all of them are helping fellow citizens, they are vital for the church and the society. In the past, missiology and deacony were neglected, but at present, when social work is not very effective, their importance is growing.**Tuition Fee:** 1,000 €/academic year**More information:** Mgr. Attila Lévai, PhD.

levaia@selyuni.sk

Teacher Training: Biology; Education for the Primary School; English Language and Literature; German Language and Literature; History; Hungarian Language and Literature; Informatics; Mathematics; Religion Studies**Degree:** Bachelor**Language:** Hungarian**Faculty:** Faculty of Education**Tuition Fee:** 1,000 €/academic year**More information:** Mgr. Attila Mészáros, PhD.

meszarosa@selyuni.sk

Master Studies**Programme: Corporate Management****Degree:** Master**Language:** Hungarian**Faculty:** Faculty of Economics**About the Programme:** Programme graduates have a good knowledge in the field of logistics, marketing management, organisation and management theory, financial and information management as well as the theoretical background of human resources management and business communication.**Tuition Fee:** 1,000 €/academic year**More information:** Mgr. Szabó Ingrid

szabo.ingrid@selyuni.sk

Programme: Reformed Theology**Degree:** Master (5 years)**Language:** Hungarian**Faculty:** Reformed Theological Faculty**About the Programme:** Programme graduates are guided to all-pervasive comprehensive cognition of theology. They are familiar with special methods and techniques enabling them to find out a creative approach when solving problems of special professional-theological and pragmatic-ecclesiastical disciplines. Studies give them enough knowledge to self-sufficing life in pastoral service, ecumenical sphere, and church institutions.**Tuition Fee:** 1,000 €/academic year**More information:** Mgr. Attila Lévai, PhD.

levaia@selyuni.sk

Teacher Training: Education for the Primary School; English Language and Literature; German Language and Literature; History; Hungarian Language and Literature; Informatics; Mathematics; Religion Studies

Degree: Master

Language: Hungarian

Faculty: Faculty of Education

Tuition Fee: 1,000 €/academic year

More information: Mgr. Attila Mészáros, PhD.
meszarosa@selyuni.sk

Doctoral Level

Programme: Hungarian Language and Literature

Degree: Doctorate (PhD.)

Language: Hungarian

Faculty: Faculty of Education

Tuition Fee: 2,000 €/academic year

More information: Mgr. Attila Mészáros, PhD.
meszarosa@selyuni.sk

Programme: Theology

Degree: Doctorate (PhD.)

Language: Hungarian

Faculty: Reformed Theological Faculty

About the Programme: Aim of the programme is to prepare future researchers, and people able to take leading roles in the Reformed Christian Church in Slovakia (or Europe) or in other protestant churches.

Tuition Fee: 2,000 €/academic year

More information: Mgr. Attila Lévai, PhD.
levaia@selyuni.sk

Matej Bel University in Banská Bystrica

Univerzita Mateja Bela v Banskej Bystrici

Národná 12, 974 01 Banská Bystrica, Slovakia
www.umb.sk



The Matej Bel University in Banská Bystrica was founded in 1992 when the Faculty of Education and the Faculty of Economics merged into one university. The town of Banská Bystrica has a long tradition of education and culture.

The Matej Bel University is making an important contribution to the European area of education and research, providing both high-quality university education as well as a wide spectrum of further education adequate to the needs of practical life. The University is developing new knowledge through productive scientific and artistic research in order to form intelligent, moral, authentic, well rounded individuals and in this way creating a society of learning.

Faculties

Faculty of Education	Pedagogická fakulta	www.pdf.umb.sk
Faculty of Economics	Ekonomická fakulta	www.ef.umb.sk
Faculty of Humanities	Fakulta humanitných vied	www.fhv.umb.sk
Faculty of Law	Právnická fakulta	www.prf.umb.sk
Faculty of Natural Sciences	Fakulta prírodných vied	www.fpv.umb.sk
Faculty of Political Sciences and International Relations	Fakulta politických vied a medzinárodných vzťahov	www.fpvmv.umb.sk

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Business Economics and Management

Degree: Bachelor

Language: English

Faculty: Faculty of Economics (Department of Corporate Economics and Management)

About the Programme: Aim of this programme is to deepen and broaden students' knowledge of profit organisations and entrepreneurship. Main subjects are: Theory of Business Economics; Management; Marketing; Finance; Accountancy; Statistics; Micro- and Macroeconomics; Economic Policy; Law; Psychology; Sociology; Informatics, etc. These subjects enable graduates to master enterprise economy adequately.

Tuition Fee: 1,000 €/academic year

More information: doc. Ing. Vanda Maráková, PhD.
vanda.marakova@umb.sk

Master Level

Programme: Analysis of Conflicts and Violence (Analyse des conflits et de la violence)

Degree: Master

Language: French

Faculty: Faculty of Political Sciences and International Relations
(Department of International Affairs and Diplomacy)

About the Programme: This programme is carried out in the co-operation with the Faculty of Law and Political Science, University of Versailles Saint-Quentin-en-Yvelines (France).

Programme graduates are educated professionals in the field of conflict analysis and prevention (prevention of delinquency, analysis of violence, security analysis, etc.), have good basis for PhD studies in political sciences and international relations, with a focus on safety.

Tuition Fee: In academic year 2009/2010, the tuition fee and admission fee was 500 €

More information: PhDr. Branislav Kováčik, PhD.

branislav.kovacik@umb.sk

Programme: Business Marketing Management

Degree: Master

Language: English

Faculty: Faculty of Economics (Department of Corporate Economics and Management)

About the Programme: Programme graduates acquire specific knowledge in the field of strategic management, financial management, financial planning, quality management, customer relationship management. Graduates are able to identify factors which have an influence on the development of the company and its surroundings, they are able to identify market opportunities, determine risks and potential impacts on business, etc.

Tuition Fee: 1,000 €/academic year

More information: doc. Ing. Vanda Maráková, PhD.

vanda.marakova@umb.sk

Programme: Finance, Banking and Investment

Degree: Master

Language: English

Faculty: Faculty of Economics (Department of Finance and Accounting)

About the Programme: Programme graduates have a good knowledge of national and international economies, good language and practical skills. Graduates become researchers and teachers in the field of financial management, international finance, international accounting, banking, monetary theory and policy, and financial markets.

Tuition Fee: 1,000 €/academic year

More information: doc. Ing. Vanda Maráková, PhD.

vanda.marakova@umb.sk

Programme: Geopolitics

Degree: Master

Language: French

Faculty: Faculty of Political Sciences and International Relations
(Department of International Affairs and Diplomacy)

About the Programme: University of Champagne-Ardenne in Reims (France) and Matej Bel University signed in June 2007 a framework agreement on co-operation in higher education, science and research. This study programme offers education of the European type; students acquire knowledge of and skills in specific areas, and it covers theoretical and practical training in European studies. Common aim of both institutions is to prepare specialists in the field of European studies capable of meeting the demanding selection criteria required for work in European structures, and structures of national, international or non-governmental organisations.

Tuition Fee: In academic year 2009/2010, the tuition fee and admission fee was 500 €

More information: PhDr. Branislav Kováčik, PhD.

branislav.kovacik@umb.sk

Programme: International Relations

Degree: Master

Language: English

Faculty: Faculty of Political Sciences and International Relations
(Department of International Communication)

About the Programme: The programme is designed for foreign students who wish to study in Slovakia, and who are interested in international relations and world affairs. It is focused on international relations theories. This enables students to understand the development in international relations, global political system as well as the changes, and events happening in the world today. Students are taking courses in international law, international organisations (types, activities, characteristics), world economy as well as integration processes in the EU and other regions.

Tuition Fee: 4,000 €/academic year

More information: PhDr. Branislav Kováčik, PhD.

branislav.kovacik@umb.sk

Programme: Mathematics in Computer Sciences

Degree: Master

Language: English

Faculty: Faculty of Natural Sciences (Department of Mathematics)

About the Programme: Programme graduates are familiar with basics of advanced mathematics, which are the core of their studies. Students are also enrolled in applied computer science courses. The programme is focused on implementation of mathematics-based algorithms, mainly in the programming language Java. Main aim of this study programme is to deepen and broaden knowledge of and skills in computer sciences and informatics (algorithms and their implementation, system architecture, coding, cryptography, optimisation etc).

Tuition Fee: 2,000 €/academic year

More information: doc. RNDr. Jarmila Kmet'ová, PhD.

jarmila.kmetova@umb.sk

Doctoral Level

Programme: Andragogy**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Education (Department of Andragogy)

About the Programme: Programme graduates master scientific methods of basic research and applied research in the field of andragogy. They focus on applied disciplines like career andragogy, social andragogy, and culture andragogy. Graduates are able to work out projects for scientific research, to do research independently, and to identify, analyse and propose their own solutions for andragogical issues.

Tuition Fee: 2,500 €/academic year**More information:** prof. PhDr. Bronislava Kasáčová, PhD.

bronislava.kasacova@umb.sk

Programme: Applied Ethics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Humanities (Department of Ethics and Applied Ethics)

About the Programme: Programme graduates are experts in ethics. Graduates are able to use gained knowledge on ethics and applied ethics in the field of theory of ethics and research methodology by following the latest scientific trends.

Tuition Fee: 2,000 €/academic year**More information:** doc. PhDr. Kristína Krnová, CSc.

kristina.krnova@umb.sk

Programme: Business Economics and Management**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Economics (Department of Corporate Economics and Management)

About the Programme: Objective of this programme is to provide graduates with an advanced education in Macro- and Microeconomics, Business Economics and Management for a global market and economy, to enable them to apply these concepts, principles and techniques to a variety of business situations, to encourage them to think critically and independently with regard to intercultural management problems, and to help them to develop skills and attributes necessary for their career and personal development.

Tuition Fee: 1,000 €/academic year**More information:** doc. Ing. Vanda Maráková, PhD.

vanda.marakova@umb.sk

Programme: Didactics of Slovak Language and Literature**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Humanities (Department of Slovak Language and Literal Science)

About the Programme: Programme graduates can work as university teachers of didactics, researchers of didactics, conceptual and programme workers in state administration of school and public education. Graduates are able to analyse didactic problems, and suggest solutions for their elimination, therefore they can be employed in supervising and educational positions at primary or secondary schools, universities or other educational institutions.

Tuition Fee: 2,000 €/academic year

More information: doc. PhDr. Kristína Krnová, CSc.
kristina.krnova@umb.sk

Programme: European Cultural Studies

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Humanities (Department of European Cultural Studies)

About the Programme: The programme is focused on the problem of European Identity, it supports mobility of students during their PhD studies in order to explore historical developments, specific events and important institutions.

Tuition Fee: 2,000 €/academic year

More information: doc. PhDr. Kristína Krnová, CSc.
kristina.krnova@umb.sk

Programme: General Linguistics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Humanities

About the Programme: Programme graduates gain knowledge of and experience in the fields of language system, contrastive linguistics, language typology, language pragmatics, cognitive linguistics, sociolinguistics, language philosophy and methodology. Graduates are competent to carry out scientific research in a specific field of language. They can succeed as qualified scientists or specialists in the field of natural language, language universals, relations, penetrations and varieties in language, and in studying and explaining international phenomena and processes.

Tuition Fee: 2,000 €/academic year

More information: doc. PhDr. Kristína Krnová, CSc.
kristina.krnova@umb.sk

Programme: Hungarian Language and Literature

Degree: Doctorate (PhD.)

Language: Hungarian

Faculty: Faculty of Humanities (Department of Hungarian Studies)

About the Programme: The programme is focused on research of current trends in the field of hungarian studies. PhD students design their own study plan based on the course list offered by the Department of Hungarian Studies. Full-time PhD students shall work as teaching assistants at least three semesters.

Tuition Fee: 2,000 €/academic year

More information: doc. PhDr. Kristína Krnová, CSc.
kristina.krnova@umb.sk

Programme: International Relations

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Political Sciences and International Relations
(Department of International Communication)

About the Programme: Programme graduates have a good theoretical knowledge and practical skills related to the field of international relations. They are able to identify and solve problems concerning domestic and international relations by using creative scientific approaches and methods.

Tuition Fee: 4,000 €/academic year

More information: PhDr. Branislav Kováčik, PhD.

branislav.kovacik@umb.sk

Programme: Mathematical Analysis

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Natural Sciences (Department of Mathematics)

About the Programme: The programme is focused on deep understanding of current state of research and graduates' ability to contribute to the knowledge in the field of mathematical analysis. The aim of the programme is to prepare independent researchers in the field of Mathematical Analysis. Graduates have firm theoretical basis, and are familiar with main applications. Graduates are able to study current publications in the field of mathematical analysis, and use their results in solving theoretical as well as applied problems. Graduates have also skills necessary for teaching courses at undergraduate level.

Tuition Fee: 4,000 €/academic year

More information: doc. RNDr. Jarmila Kmeťová, PhD.

jarmila.kmetova@umb.sk

Programme: Music Art Didactics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Education (Department of Music Education)

About the Programme: Programme graduates are able to teach music lessons in the field of music pedagogy and music education at secondary music art schools and universities. Graduates are capable, independently and responsibly, to analyse and solve difficult problems related to music didactics; they are trained to plan, implement, and evaluate music education programmes. Programme graduates are familiar with current trends in education, and their musical knowledge can be used in music education process at all levels and types of schools.

Tuition Fee: 2,500 €/academic year

More information: prof. PhDr. Bronislava Kasáčová, PhD.

bronslava.kasacova@umb.sk

Programme: Pedagogy

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Education (Department of Pedagogy)

About the Programme: The programme prepares professionals in the field of pedagogy and other related fields of science. It prepares experts in scientific research in the field of education. Programme graduates are competent to carry out scientific research and projects in the field of educational sciences.

Tuition Fee: 2,500 €/academic year

More information: prof. PhDr. Bronislava Kasáčová, PhD.

bronslava.kasacova@umb.sk

Programme: Pre-school and Elementary Pedagogy**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Education (Department of Elementary and Pre-school Pedagogy)**About the Programme:** Programme graduates are able to carry out scientific research and projects in the field of pre-school and elementary pedagogy and education. During their studies, students specialise on one of the following fields of science: pre-school pedagogy, elementary pedagogy or theory of teaching at the elementary level.**Tuition Fee:** 2,500 €/academic year**More information:** prof. PhDr. Bronislava Kasáčová, PhD.
bronislava.kasacova@umb.sk**Programme: Probability and Mathematical Statistics****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Natural Sciences (Department of Mathematics)**About the Programme:** The programme is focused on deepening and broadening of knowledge and skills in probability and mathematical statistics. Graduates shall be able to solve theoretical and applied problems related to data analysis and information processing (they often co-operate with specialists from other fields of science), and shall be able to communicate their results to other researchers as well as non-specialists.**Tuition Fee:** 4,000 €/academic year**More information:** doc. RNDr. Jarmila Kmeťová, PhD.
jarmila.kmetova@umb.sk**Programme: Public Economics and Services****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Economics (Department of Public Economics)**About the Programme:** Programme graduates are able to use scientific methods in independent and creative way, mainly in the field of economics of the public sector and public services. They are able to formulate hypotheses as a starting point of a research projects. They can identify research problems, solve them, and apply solutions in social practice.**Tuition Fee:** 1,000 €/academic year**More information:** doc. Ing. Vanda Maráková, PhD.
vanda.marakova@umb.sk**Programme: Slovak History****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Humanities (Department of History)**About the Programme:** The programme covers advanced methodology of historical sciences, historiography, historical demography and historical geography related to Slovak history. Graduates gain skills necessary for individual scientific research in historical sciences, ability to solve research problems, to prepare, to elaborate and to review scientific projects. Graduates are able to lead and participate on various research initiatives and projects within the framework of history, but they can also be of use in Civil Service, cultural and educational system etc.

Tuition Fee: 2,000 €/academic year

More information: doc. PhDr. Kristína Krnová, CSc.

kristina.krnova@umb.sk

Programme: Slovak Language and Literature

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Humanities (Department of Slovak Language and Literal Science)

About the Programme: Programme graduates gain theoretical knowledge and methodological experience in the field of language system, linguistic methods and methodology, literary theory, synchronic and diachronic linguistics, history of Slovak literature in the context of the world literature, techniques of a scientific research.

Tuition Fee: 2,000 €/academic year

More information: doc. PhDr. Kristína Krnová, CSc.

kristina.krnova@umb.sk

Programme: Sports Educology

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Humanities (Department of Physical Education and Sports)

About the Programme: Programme graduates are familiar with the principles of individual and team research work in relation to the reproductive cycle of knowledge, scientific formulation of the problem, ethical and social aspect of scientific work, presentation of results, formulation of the theoretical benefits and benefits for physical education and sports practice. Graduates are able to gain further information about the current state of the development in the study field, to contribute to the spreading of scientific knowledge by self-exploration and self-creative activity in the sports educology, and present them in social practice.

Tuition Fee: 2,000 €/academic year

More information: doc. PhDr. Kristína Krnová, CSc.

kristina.krnova@umb.sk

Programme: Sports Humanities

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Humanities (Department of Physical Education and Sports)

About the Programme: Programme graduates are familiar with the principles of individual and team research work related to the life cycle of knowledge; they are able to formulate scientific problems, are familiar with the ethical and social aspects of scientific work related to physical education and sports practice.

Tuition Fee: 2,000 €/academic year

More information: doc. PhDr. Kristína Krnová, CSc.

kristina.krnova@umb.sk

Programme: Systematic Philosophy

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Humanities (Department of Philosophical Sciences)

About the Programme: The programme covers advanced metaphysics, epistemology, social philosophy and philosophical anthropology. These units shall prepare graduates for individual research. Programme graduates acquire heuristic skills, ability to analyse and synthesise knowledge, ability to acquire the latest research results in the field, and the ability to apply both skills and knowledge in practical contexts. The graduates are able to lead and participate in various research initiatives and projects within the scope of philosophy.

Tuition Fee: 2,000 €/academic year

More information: doc. PhDr. Kristína Krnová, CSc.
kristina.krnova@umb.sk

Programme: Theory of Politics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Political Sciences and International Relations
(Department of Political Theory)

About the Programme: Programme graduates are specialists in theory of politics and related disciplines; they are competent to do critical analysis, and suggest possible improvements of political life.

Tuition Fee: 4,000 €/academic year

More information: PhDr. Branislav Kováčik, PhD.
branislav.kovacik@umb.sk

Programme: Tourism

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Economics (Department of Tourism and Hospitality)

About the Programme: Programme graduates have the knowledge of methods of scientific and research work, they are able to apply it in the research activities focused on social sciences, economics and informatics connected with tourism.

Tuition Fee: 1,000 €/academic year

More information: doc. Ing. Vanda Maráková, PhD.
vanda.marakova@umb.sk

Programme: Visual Art Didactics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Education (Department of Fine Arts Education)

About the Programme: Programme graduates are able to carry out scientific research and projects in the field of visual art didactics, they are familiar with creative activities, teaching techniques, theoretical and practical issues related to visual education didactics. They have good social, research, pedagogical, psychological and methodological basis of this field of science.

Tuition Fee: 2,500 €/academic year

More information: prof. PhDr. Bronislava Kasáčová, PhD.
bronislava.kasacova@umb.sk

Pavol Jozef Šafárik University in Košice

Univerzita Pavla Jozefa Šafárika v Košiciach

Šrobárova 2, 041 80 Košice, Slovakia

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The Pavol Jozef Šafárik University in Košice belongs to successful educational and science institutions not only in Slovakia but also in Europe. At present, the University has five faculties preparing physicians and dentists, experts in natural sciences, mathematics and informatics, teachers, lawyers, specialists in public administration and specialists for psychology, philosophy and theory of communication. The University provides education on the base of scientific background; basic aim in the area of science and research is adaptation of the University to the international standards. International dimension (culture, customs, and traditions) is very important for the University. Deepening and developing of this international dimension is the reason for mobility of students and university teachers. The University provides service to the community by spreading the knowledge through the means of research and development, regional and national activities support and providing learning society with a continuing education. University library, Centre of Information and Communication Technologies, Student hostel and canteen, Institute of Physical Education and Botanical garden are formed as a part of the University structure.

Faculties

Faculty of Arts	Filozofická fakulta	www.upjs.sk/en/faculty-of-arts
Faculty of Law	Právnická fakulta	www.upjs.sk/en/faculty-of-law
Faculty of Medicine	Lekárska fakulta	www.upjs.sk/en/faculty-of-medicine
Faculty of Public Administration	Fakulta verejnej správy	www.upjs.sk/en/faculty-of-public-administration
Faculty of Science	Prírodovedecká fakulta	www.upjs.sk/en/faculty-of-science

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Biology

Degree: Bachelor

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates gain the knowledge of basic biology. They are able to solve the tasks of biological research as well as practical problems in applied biology. They possess skills necessary to perform basic methods of research of living systems at different levels of their organisation (molecules, cells, organisms). They are familiar with several chemical, physical and mathematical sciences.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: British and American Studies**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Arts

About the Programme: The core of the British and American Studies programme, a single-specialisation study programme, rests in three areas: 1. British and American studies in a narrow sense, i.e. History, Geography, Institutions, Politics and Culture of Great Britain and the United States; 2. History of British and American Literature; and 3. English Linguistics, including foundations of translation and interpretation.

Tuition Fee: 2,000 €/academic year

More information: PhDr. Štefan Franko, PhD.
stefan.franko@upjs.sk

Programme: Chemistry**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates are able to solve problems of chemical research as well as practical tasks of applied chemistry. They possess the knowledge and skills of basic research methods, development and analysis of chemical substances, pharmaceuticals and materials, and information technology.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.
vladimir.zelenak@upjs.sk

Programme: General Ecology and Ecology of Individuals and Populations**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates understand fundamental issues of mutual relations among abiotic and biotic components of ecosystems on the basis of biological, chemical, geographical, protectional and landscape management aspects of environment. They are able to identify anthropogenic influences on environment, suggest appropriate protection and formation of the environment.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.
vladimir.zelenak@upjs.sk

Programme: Geography**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates master the basics of Physical Geography and related disciplines: Geology, Meteorology and Climatology, Hydrology and Pedology to understand basic processes in natural landscape. They also master basic cartographical methods, GIS and remote sensing. They can apply the Physical Geography on regions of different scale. Within Human Geography, graduates are provided with the knowledge of Geography of Population, Geography of Settlements, Geography of Agriculture and Industry, Geography of Transport and Tourism.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zeleňák, PhD.

vladimir.zelenak@upjs.sk

Programme: Informatics

Degree: Bachelor

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates gain knowledge of theoretical background in informatics, operating systems, data structures, algorithmisation and programming languages, analysis, design, implementation and management of software systems, as well as architecture and maintenance of computer networks. They are familiar with the basics of law and economics related to software systems. They are prepared to work in teams, and are capable of co-operation with experts from other areas of science.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zeleňák, PhD.

vladimir.zelenak@upjs.sk

Programme: Mathematics

Degree: Bachelor

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are capable of independent work with professional texts. They are able to apply acquired theoretical knowledge and numerous abilities and skills in solving partial tasks of mathematical model analysis.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zeleňák, PhD.

vladimir.zelenak@upjs.sk

Programme: Physics

Degree: Bachelor

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are able to carry out undemanding experiments, solve basic physical assignments and apply physical laws into other areas of human activities. They are able to carry out complex mathematical calculations and programming. They have a good knowledge of operating different measuring and technological devices.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zeleňák, PhD.

vladimir.zelenak@upjs.sk

Master Level

Programme: Analytical Chemistry

Degree: Master

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are able to solve problems in the field of chemical analysis, utilise their knowledge in research and industrial laboratories as well as in monitoring and protecting the environment.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Biochemistry

Degree: Master

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are able to solve biochemical problems in connection with other chemical disciplines, they have laboratory skillfulness of biochemical methods, and they run independently biochemical research and research in pharmaceutical chemistry, molecular biology, molecular medicine, virology, biotechnology and other similar disciplines.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Biophysics

Degree: Master

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are familiar with the methodology of science and scientific problem formulation, with the scientific methods in the field of research and development of physics. They are able to use their knowledge in solving different problems in different areas of natural sciences.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Botany and Plant Physiology

Degree: Master

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates have a good theoretical knowledge of biological sciences, especially of botany and plant physiology as well as basic methodical abilities of research in biological laboratories or in landscape.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: British and American Studies**Degree:** Master**Language:** English**Faculty:** Faculty of Arts

About the Programme: The core of the British and American Studies programme, a single-specialisation study programme, rests in three areas: 1. British and American studies in a narrow sense, i.e. History, Geography, Institutions, Politics and Culture of Great Britain and the United States; 2. History of British and American Literature; and 3. English Linguistics, including foundations of translation and interpretation.

Tuition Fee: 2,000 €/academic year**More information:** PhDr. Štefan Franko, PhD.

stefan.franko@upjs.sk

Programme: Dental Medicine**Degree:** Dental Medicine Doctor (6 years)**Language:** English**Faculty:** Faculty of Medicine

About the Programme: Programme graduates gain knowledge of all preclinical and clinical medical branches. Concerning dental medicine, graduates learn basic therapeutics and preventive methods and they are able to provide basic practical treatments. Graduates are able, on the basis of anamnesis and of complex extra-oral examination, to analyse the origin of the diseases, to apply methods of primary, secondary and tertiary prevention, to treat the diseases concerning dental diseases.

Tuition Fee: 9,000 €/academic year**More information:** prof. MUDr. Daniel Pella, PhD.

daniel.pella@upjs.sk

Programme: Economic and Financial Mathematics**Degree:** Master**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates acquire a good knowledge of basic mathematical methods applied in economics, finance and insurance. They can identify and solve mathematical models of various situations.

Tuition Fee: 8,000 €/academic year**More information:** doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: General Ecology and Ecology of Individuals and Populations**Degree:** Master**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates gain knowledge of ecological phenomena in the environment, and are aware of the influence which affects – positively and negatively – these phenomena. They are able to identify and interpret interactions in the environment (water, air, soil and its surface).

Tuition Fee: 8,000 €/academic year**More information:** doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: General Medicine**Degree:** General Medicine Doctor (6 years full-time)**Language:** English**Faculty:** Faculty of Medicine

About the Programme: Graduates of the joint first and second level of studies in General medicine gain theoretical knowledge of all preclinical and clinical subjects. Concerning practical knowledge, they learn about therapeutics and clinics methods. They gain preconditions (after obligatory practise, postgraduate studies and exams) for the specialisation in respective branches or in medical research.

Tuition Fee: 8,500 €/academic year

More information: prof. MUDr. Daniel Pella, PhD.
daniel.pella@upjs.sk

Programme: Genetics and Molecular Cytology**Degree:** Master**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates are able to solve tasks related to biological research as well as practical problems in applied biological sciences; they possess theoretical knowledge and experimental skills necessary for research of living systems at different levels of their organisation.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.
vladimir.zelenak@upjs.sk

Programme: Geography**Degree:** Master**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates are able to assess the landscape in its components, work with the tools and models, create databases, globally evaluate the changes in the regions of different scale, run the field research and analyse the situation in landscape management as well as in the administrative units. They are able to present landscape problems, seek the ways to prevent conflicts between the natural landscape and society. They are able to communicate with skilled professionals in foreign language, and they have basic knowledge of management.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.
vladimir.zelenak@upjs.sk

Programme: Informatics**Degree:** Master**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates have a good knowledge of theoretical background and practical experience in key areas of informatics. They are skilled in methodology and implementation of complex computer and software systems. In accordance with their specialisation, they have obtained specific knowledge in one of the following areas: Information and Knowledge Systems; Theoretical Informatics; Neural Networks; Computer Network Security; Medical Informatics.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Inorganic Chemistry

Degree: Master

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are able to solve routine problems of inorganic and coordination chemistry. They are able to use their knowledge of inorganic chemistry in other areas of human activities, create models of processes following the demands of practices.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Managerial Mathematics

Degree: Master

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are able to apply exact mathematical methods in the area of management and control of complex systems. They are able to create theoretical models of real processes and, on their basis, to propose optimal solutions.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Mathematics

Degree: Master

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates understand theories, methods and procedures of mathematics very deeply. Graduates gain the knowledge in the field of mathematics (discrete as well as continuous mathematics).

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Nuclear and Subnuclear Physics

Degree: Master

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are able to solve research tasks at different basic and applied research institutions in the field of nuclear and subnuclear physics. Graduates can also work as computer programmers.

Tuition Fee: 8,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Organic Chemistry**Degree:** Master**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates are able to understand study theories, methods and progress in chemistry. They are able to realise organic synthesis, separate and clean products, identify their structure by means of spectral methods and independently carry out research in organic chemistry.

Tuition Fee: 8,000 €/academic year**More information:** doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Physics**Degree:** Master**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates are provided with theoretical and experimental knowledge of classical and quantum physics, computer and mathematical physics, astronomy, astrophysics and matter physics. They are able to carry out up-to-date calculus methods, programming and use computers in experiments automatisation.

Tuition Fee: 8,000 €/academic year**More information:** doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Physics of Condensed Matter**Degree:** Master**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates are able to solve research tasks at different basic and applied research institutions in the field of condensed matter – mainly in the field of magnetism, low temperature physics and physics of metals. Graduates can also work as computer programmers.

Tuition Fee: 8,000 €/academic year**More information:** doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Zoology and Animal Physiology**Degree:** Master**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates are able to propose solutions for biological research problems, as well as tasks of applied biology. They acquire the knowledge of and skills in methods of study of living systems on various levels of their complexity.

Tuition Fee: 8,000 €/academic year**More information:** doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Doctoral Level

Programme: Analytical Chemistry

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are skilled in independent and creative scientific work; they manage to solve problems related to analytical chemistry. They obtain the knowledge of instrumental methods of scientific work and development in analytical chemistry focused on chromatography, spectral analysis, analyte identification and evaluation of analytical results obtained. Graduates are able to handle challenging tasks in social practice analytically and synthetically. They gain important skills for further improvement and development of the study programme, for publication of their own results.

Tuition Fee: 10,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Anatomy, Histology and Embryology

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Medicine

About the Programme: Programme graduates gain deeper knowledge in the field of anatomy, histology, embryology, neuroanatomy, molecular biology, physiology and knowledge of pathological anatomy and pathological physiology. They are familiar with scientific methods of biophysics, biochemistry and pharmacology. Graduates are able to perform their scientific work actively, they bring original results and present them both on conferences and by publishing papers. Together with their supervisors, they should participate actively in development of the department. Graduates adopt proper legal, social and ethical attitudes for scientific work.

Tuition Fee: 10,000 €/academic year

More information: prof. MUDr. Daniel Pella, PhD.

daniel.pella@upjs.sk

Programme: Applied Mathematics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Science

Tuition Fee: 9,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Biochemistry

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates gain the knowledge of scientific methods of biochemistry and are able to use them in creative way in different interdisciplinary branches. They are able to use chemical, biological and biomedical methods of research focused

on investigation of chemical composition of matters and on basic processes which are taking place in living organisms under physiological and pathological conditions. Graduates can use their experience in biochemical and biomedical research, clinical practice, pharmaceutical and veterinary laboratories. As to the interdisciplinary character of the biochemistry, graduates can work in chemistry, biology and are qualified for research in biochemistry, biotechnology and in biomedical research.

Tuition Fee: 10,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Biophysics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates gain experience in scientific methods of biophysics and the ability to use them in creative way in different interdisciplinary branches (physiology, molecular biology, biochemistry, pharmacology and theoretical medicine, theoretical biology and medicine, immunology and bioinformatics). They are able to use theories and practical applications of the newest interdisciplinary sciences in the field of biology, nanotechnologies and bioinformatic technologies.

Tuition Fee: 10,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: British and American Studies

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Arts

About the Programme: Programme graduates are experts in the field of British and American Studies which increases both their value in the labour market and which enables them to specialise in British and American Studies and Literature.

Tuition Fee: 3,000 €/academic year

More information: PhDr. Štefan Franko, PhD.

stefan.franko@upjs.sk

Programme: Clinical Biochemistry

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Medicine

About the Programme: Programme graduates gain the knowledge of scientific methods of biochemistry and are able to use them in creative way in different interdisciplinary branches (medical chemistry, biochemistry, pharmacology, theoretical medicine, and clinical biochemistry). They are able to use theories and practical application of the newest interdisciplinary sciences in the field of medical chemistry, biochemistry and clinical biochemistry.

Tuition Fee: 10,000 €/academic year

More information: prof. MUDr. Daniel Pella, PhD.

daniel.pella@upjs.sk

Programme: Dental Medicine**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Medicine

About the Programme: Programme graduates are specialists in scientific methods of research in dental medicine, mainly in the area of orofacial system, oral cavity and teeth, based on theoretical knowledge and practical skills. Graduates are able to work independently and to bring new notions to dentistry; present the results of research and creatively apply them to dental practice; work interdisciplinary in working groups and be masters of the principles of international scientific co-operation and connection to scientific programmes in European field; acquire social, ethical and legal aspects of scientific work. Their theoretical knowledge and practical skills can be used in preventive dentistry, conservative dentistry, pedodontics, periodontology, prosthetic dentistry, orthodontic, dentoalveolar surgery, oral medicine and in selected parts of general medicine which have a close relation to dental medicine.

Tuition Fee: 10,000 €/academic year**More information:** prof. MUDr. Daniel Pella, PhD.

daniel.pella@upjs.sk

Programme: Discrete Mathematics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates gain deep theoretical and methodological knowledge of discrete mathematics as well as the knowledge of scientific methods of the respective field of study. Graduates are able to discover rules of discrete structures and propose discrete mathematics models of the tasks from different scientific branches, and to solve them using a computer. They are able to publish their results in scientific journals, and participate actively in international conferences.

Tuition Fee: 9,000 €/academic year**More information:** doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: General Ecology and Ecology of Individuals and Populations**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates are able to identify anthropogenic influences on environment, suggest appropriate protection and formation of the environment.

Tuition Fee: 10,000 €/academic year**More information:** doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: General Physics and Mathematical Physics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates gain a wide knowledge of mathematical apparatus, theoretical and physical as well as computer skills necessary for solving complex

problems. Their knowledge can be used in different areas of human activities. Graduates gain knowledge of research, they are actively using methods of scientific research, they are able to publish and present their research results. Graduates are able to apply their knowledge in practical life and in technology. They gain also basic knowledge and skills of managerial work.

Tuition Fee: 10,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Genetics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are able to use scientific methods in the field of experimental genetics, to work with different genetic objects (micro-organisms, plants and animals), and to solve problems of human genetics. They gain the newest theoretical information in the field of genetics based on the contemporary state of scientific knowledge of genetics and molecular biology. They are analysing genetic systems and genetic processes in cells of model genetic organism using the most progressive experimental procedures. Their scientific results shall contribute to the development of science and/or they shall be used in other spheres of the community.

Tuition Fee: 10,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Gynecology and Obstetrics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Medicine

About the Programme: Programme graduates gain basic knowledge in the respective field of study. They are able to formulate a scientific problem, to judge the ethical side of their research as well as to plan and carry out their projects. Graduates are familiar with scientific methods of experimental and clinical research, they are solving scientific problems.

Tuition Fee: 10,000 €/academic year

More information: prof. MUDr. Daniel Pella, PhD.

daniel.pella@upjs.sk

Programme: Informatics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates gain a deep theoretical and methodological knowledge of the key branches of informatics at the level of contemporary world research. They choose from the following specialisations: a) artificial intelligence with application of neuron networks; b) deductive and abdeductive systems and their application in flexible poll; c) probabilistic algorithms, cryptography and informational safety; d) theory of robots and computational complexity. After finishing the studies, graduates are able to use their knowledge in practical life by solving difficult problems; they are able to propose appropriate algorithm solutions for critical components. Graduates gain the knowledge

of research; they are actively using methods of scientific research; they are able to publish and present results of their research.

Tuition Fee: 10,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Inorganic Chemistry

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are able to work in research centers and educational institutions in Slovakia and abroad. They gain a deep theoretical knowledge of inorganic chemistry as well as practical research experience of inorganic chemical compounds and matters using progressive methods of research.

Tuition Fee: 10,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Internal Diseases

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Medicine

About the Programme: Programme graduates gain the knowledge of scientific methods and research in the field of internal diseases or in the fields related to the internal diseases including cardiology, angiology, gastroenterology, hepatothology, nephrology, endocrinology, diabetology, pneumonology, reumatology, hemathology, infectology, medical genetics, clinical oncology, etc.

Tuition Fee: 10,000 €/academic year

More information: prof. MUDr. Daniel Pella, PhD.

daniel.pella@upjs.sk

Programme: Molecular Cytology

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates gain a deep theoretical and methodological knowledge of cytology as well as the knowledge of scientific methods in the field of study. They are performing morphological, biochemical, cell and molecular biological studies both at cellular and subcellular levels. They are working with a wide variety of laboratory specimen preparations and apply traditional (e.g. microscope) and innovative technologies (e.g. image analysis, flow cytometry and immunohistochemistry) to ensure correct and valid scientific results. Graduates are able to utilise advanced technologies that allow detection, analysis and quantification of molecules in their natural environment, such as cells, tissues, organs, embryos and tumors. Their scientific results shall contribute to the development of science and/or they shall be used in other spheres of the community.

Tuition Fee: 10,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Normal and Pathological Physiology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Medicine**About the Programme:** Programme graduates gain the knowledge of methodology of experimental medicine and of evidence based medicine. Graduates are familiar with the basic knowledge of didactics in normal and pathological physiology, of modern ways in teaching of pre- and postgraduate medicine.**Tuition Fee:** 10,000 €/academic year**More information:** prof. MUDr. Daniel Pella, PhD.
daniel.pella@upjs.sk**Programme: Nuclear and Subnuclear Physics****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Science**About the Programme:** Programme graduates gain a deep knowledge of nuclear and subnuclear physics according the newest knowledge of this field in the world as well as a fundamental knowledge of the basic structure of matter and basic interactions. They are able to use scientific methods of research and development in subnuclear physics. They are familiar with programming languages and mathematical bases of statistical and analytical programmes. Graduates gain the knowledge of research, they use methods of scientific research; they are able to publish and present results of their research, and they can actively participate in research programmes as well as to teach at higher education institutions.**Tuition Fee:** 10,000 €/academic year**More information:** doc. RNDr. Vladimír Zelenák, PhD.
vladimir.zelenak@upjs.sk**Programme: Organic Chemistry****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Science**About the Programme:** Programme graduates gain the knowledge of methods of research as well as of development in organic chemistry focused on multilevel synthesis of organic compounds, stereoselective synthesis, photochemistry, etc.**Tuition Fee:** 10,000 €/academic year**More information:** doc. RNDr. Vladimír Zelenák, PhD.
vladimir.zelenak@upjs.sk**Programme: Paediatrics****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Medicine**About the Programme:** Programme graduates are able to work independently and to propose their own solutions of problems in the field of paediatrics. They are familiar with scientific methods of research and development in paediatrics. Graduates take part in multidisciplinary scientific activities. They are able to identify the main problems in the context of dynamics of demographical, social, economical and environmental conditions of population. With their scientific, pedagogical, publishing activities graduates are able to attribute to the development of paediatrics.

Tuition Fee: 10,000 €/academic year

More information: prof. MUDr. Daniel Pella, PhD.

daniel.pella@upjs.sk

Programme: Pharmacology

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Medicine

About the Programme: Programme graduates gain the knowledge of scientific methods of pharmacology, are able to solve wide spectrum of problems related to the sciences about man as a part of the nature (physiology, patophysiology, molecular biology, biochemistry, pharmacology, immunology, and pathology). They are familiar with the newest methods and their practical application in the branches mentioned above.

Tuition Fee: 10,000 €/academic year

More information: prof. MUDr. Daniel Pella, PhD.

daniel.pella@upjs.sk

Programme: Physics of Condensed Matter

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates gain a deep knowledge of physics of condensed matter. Graduates gain the knowledge of research methods concerning the physics of condensed matter focused on the wide interval of temperatures, on spectroscopic methods under normal and critical conditions mainly in the high magnetic fields and in using very low temperatures. Graduates are able to prepare different types of nanostructures as well as their microscopic diagnostics. They gain knowledge of research, use methods of scientific research, publish and present results of their research, and they can actively participate in research programmes as well as to teach at higher education institutions.

Tuition Fee: 10,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Physiology of Animals

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Science

About the Programme: Programme graduates are able to use scientific methods of research in the field of experimental physiology, which are applied on model objects. They gain the newest theoretical and physiological knowledge based on contemporary level of scientific research in physiology, ethology, biochemistry, molecular biology and cytology. Their research contribute to the development of science, and can be applied in human and veterinary medicine, agriculture, pharmacology and biotechnology. Graduates gain knowledge of research; they are actively using methods of scientific research; they are able to publish and present results of their research.

Tuition Fee: 10,000 €/academic year

More information: doc. RNDr. Vladimír Zelenák, PhD.

vladimir.zelenak@upjs.sk

Programme: Plant Physiology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates gain an extensive theoretical knowledge and the ability to work creatively in this scientific branch. Graduates are able to use various methods to study the regulation of physiological processes in the interaction with dynamic factors of the environment. Scientific erudition in plant metabolism (photosynthesis and metabolomics) and in the field of regulation mechanisms in the development and reproductive processes of autotrophic organisms allow to contribute to the solution of problems related to environmental management and its protection. They also acquire methodical competences for experimental work in applied fields of plant physiology (e.g. organisation of experiments in field and laboratory conditions, manage methods of molecular biology, as well as biotechnological, karyological, enzymatic, and some chemical analytical methods in relation to plant analysis and mathematical methods of experiment evaluation too).

Tuition Fee: 10,000 €/academic year**More information:** doc. RNDr. Vladimír Zeleňák, PhD.

vladimir.zelenak@upjs.sk

Programme: Surgery**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Medicine

About the Programme: Programme graduates gain basic knowledge in the respective field of study. They are able to formulate a scientific problem, to judge the ethical side of their research as well as to plan and carry out their projects. Graduates are familiar with scientific methods of experimental and clinical research, they are solving scientific problems.

Tuition Fee: 10,000 €/academic year**More information:** prof. MUDr. Daniel Pella, PhD.

daniel.pella@upjs.sk

Programme: Theory of Teaching Mathematics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Science

About the Programme: Programme graduates extend their knowledge of mathematical, pedagogical and psychological disciplines. They gain the knowledge of the newest trends in the respective field of study. They can apply gained information by solving problems in the social practice. They are able to present results of their work in conferences in Slovakia and abroad, as well as to formulate mathematical problems and prepare projects.

Tuition Fee: 9,000 €/academic year**More information:** doc. RNDr. Vladimír Zeleňák, PhD.

vladimir.zelenak@upjs.sk

Slovak University of Agriculture in Nitra

Slovenská poľnohospodárska univerzita v Nitre

Trieda A. Hlinku 2, 949 76 Nitra, Slovakia

www.uniag.sk



The Slovak University of Agriculture was founded in 1952 in Nitra. It is the centre of agriculture in Slovakia. The University offers a wide range of possibilities at its six faculties. The University awards degrees in 40 bachelor, 31 master and 20 PhD study programmes in traditional as well as modern fields of plant and animal production, biodiversity, ecology, food safety, sustainable and regional development, the use of alternative sources of energy and applied and others. Study programmes are supplemented by quality foreign language training, access to information and communication technologies, wide range of professional training courses and the opportunity to complete a part of the studies at prestigious foreign universities. The University is an active player in the European and even global education area because of its educational and research activities. Its aim is to be a modern and open university that reflects the current needs of the agro-food sector in local, regional and global scale.

Faculties

Faculty of Agrobiology and Food Resources	Fakulta agrobiológie a potravinových zdrojov	www.fapz.uniag.sk
Faculty of Biotechnology and Food Sciences	Fakulta biotechnológie a potravinárstva	http://fbp.uniag.sk
Faculty of Economics and Management	Fakulta ekonomiky a manažmentu	www.fem.uniag.sk
Faculty of Engineering	Technická fakulta	www.tf.uniag.sk
Faculty of European Studies and Regional Development	Fakulta európskych štúdií a regionálneho rozvoja	www.fesrr.uniag.sk
Faculty of Horticulture and Landscape Engineering	Fakulta záhradníctva a krajinného inžinierstva	http://fzki.uniag.sk

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: European Development Programmes

Degree: Bachelor

Language: English

Faculty: Faculty of European Studies and Regional Development

About the Programme: Programme graduates are able to manage preparations of projects supported by the European Union. They are able to create and analyse projects, and gain necessary financial means, especially from resources of the EU and other international institutions. They can also use acquired results and prepare materials for decision-making process in public administration.

Tuition Fee: 3,000 €/academic year

More information: doc. JUDr. Eleonóra Marišová, PhD.

Eleonora.Marisova@uniag.sk

Programme: International Business with Agrarian Commodities**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Economics and Management**About the Programme:** Programme graduates are familiar with economic theories, economic policy, law, informatics, finance, accounting, international trade, international economics, international relations, marketing and management.**Tuition Fee:** 3,500 €/academic year**More information:** Zita Bírová

zita.birova@fem.uniag.sk

Master Level**Programme: Business Economics****Degree:** Master**Language:** English**Faculty:** Faculty of Economics and Management**About the Programme:** Programme graduates are able to analyse complex economic relations in business processes, make suggestions and managerial decisions. They have a good knowledge of operational business management and strategic decision-making from the point of view of economy globalisation. Graduates are able to work with complicated information systems in enterprises; they are skilled in organisation of managerial work and managerial communication. Both general and professional knowledge of economics supported by foreign language skills predetermine programme graduates to become efficient economists and managers in top management of any enterprise or company within agricultural and food processing industry.**Tuition Fee:** 4,000 €/academic year**More information:** Zita Bírová

zita.birova@fem.uniag.sk

Programme: Management of Crop Production**Degree:** Master**Language:** English**Faculty:** Faculty of Agrobiology and Food Resources**About the Programme:** Programme graduates are able to elaborate and implement biological, technical and economic knowledge and skills in the area of crop production management.

Programme is focused on integrated crop protection, agro-chemistry and crop nutrition, fertilisation systems, horticulture and plant breeding. During their studies, students of this programme develop their managerial capabilities. Programme graduates are able to analyse problems, and solve them by applying their biological, technical and economic knowledge. They are able to design and coordinate technological processes in crop production, evaluate different production technologies based on quantitative and qualitative parameters.

Tuition Fee: 3,000 €/academic year**More information:** prof. Ing. Vladimír Pačuta, CSc.

Vladimir.Pacuta@uniag.sk

Programme: Regional Development**Degree:** Master**Language:** English**Faculty:** Faculty of European Studies and Regional Development

About the Programme: Programme graduates are able to identify development problems, prepare analytic evaluations of cardinal decisions for elaboration of development programmes and projects using system and interdisciplinary approach. They can lead teams which implement development strategies, programmes and projects considering the needs of rural spaces in accordance with the EU criteria. Graduates can work in the institutions of public services, local and regional development agencies and companies focused on use of the EU structural funds, in advisory and project organisations.

Tuition Fee: 3,500 €/academic year**More information:** doc. JUDr. Eleonóra Marišová, PhD.

Eleonora.Marisova@uniag.sk

Doctoral Level**Programme: Agro-chemistry and Plant Nutrition****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Agrobiology and Food Resources

About the Programme: The programme respects the requirements of effective plant nutrition without negative impact on living environment with the aim to secure sustainable development of agricultural production by strictly regulated inputs of agrochemicals into an agro-ecosystem. Graduates of this study programme are familiar with scientific methods of research and development in the field of agro-chemistry and plant nutrition. They can participate in research projects, analyse causality of running changes in soil and plant organisms as well as to quantify the impact of individual environmental factors using statistical methods.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Kamil Hudec, PhD.

Kamil.Hudec@uniag.sk

Programme: Economics and Management of Agriculture and Food Industry**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Economics and Management

About the Programme: Programme graduates are familiar with Advanced Microeconomics and Macroeconomics, Advanced Production Economics, Advanced Agricultural Economics and two other optional courses in Economics, International Economics, Management, Statistics, Operations Research or Marketing. The programme is focused on vertical integration in agri-food chain, international trade and policy, sustainable development, impacts of market globalisation on domestic producers, consumers, and taxpayers, regional development, multifunctionality of agricultural production and marketing.

Tuition Fee: 5,000 €/academic year**More information:** PhDr. Viola Psotová

viola.psotova@uniag.sk

Programme: General Animal Production**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Agrobiology and Food Resources

About the Programme: The programme is focused on the production of food resources of animal origin, and creation of inputs for functional food production and maintenance of food safety standards. Programme graduates apply scientific methods of research and development in the field of general animal production. They are able to analyse individual determinants which characterise internal animal environment and its relation to the external environmental factors in harmony with the sustainable development of animal production.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Kamil Hudec, PhD.

Kamil.Hudec@uniag.sk

Programme: General Plant Production**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Agrobiology and Food Resources

About the Programme: The programme is focused on training of experts dealing with the model of multifunctional agriculture in accordance with international legislation. Programme graduates apply scientific methods and procedures of sustainable use of natural resources in agriculture, sustainable systems and technologies in plant production related to agro-ecological conditions and introduce the production-physiological parameters of yield formation into the sustainable cropping systems.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Kamil Hudec, PhD.

Kamil.Hudec@uniag.sk

Programme: Genetics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Agrobiology and Food Resources

About the Programme: The programme is focused on genetic technologies which significantly influence many fields of human activity such as medicine, food production, agriculture and forestry. In agriculture, genetics represents the theory of breeding new plant and animal genotypes and their reproduction. By means of its methodical procedures, genetics contributes to precise analysis and effective evaluation of plant and animal genetic resources, assessment of biological safety in agro-food sector and creation of new cropping technologies, breeding of farm animals, formation of raw materials for food industry, manufacturing of food, conservation of plant, animal and micro-organism gene pools.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Kamil Hudec, PhD.

Kamil.Hudec@uniag.sk

Programme: Landscape and Garden Architecture**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Horticulture and Landscape Engineering Faculty

About the Programme: Programme graduates are familiar with methodological procedures of scientific work; they are able to assess and evaluate the landscape area using scientific methods. They examine bio-gene, aesthetic and environmental aspects of ornamental plants and elements of cultural and natural flora; they have a good knowledge of scientific methods of evaluation of ornamental plants, cultural and natural vegetation urban and landscape elements. Graduates have theoretical and methodological knowledge and skills of breeding, selection, growth processes and application of ornamental plants in landscape and architectural design, as well as in floristic work. Graduates have a good theoretical background of green landscape network, using a wide range of descriptive, graphical and statistical approaches and methods including technologies of modelling and visualisation.

Tuition Fee: 4,800 €/academic year**More information:** Ing. Katarína Rovná, PhD.

Katarina.Rovna@uniag.sk

Programme: Nutrition**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Agrobiological and Food Resources

About the Programme: The programme is aimed at the preparation of specialists who are able to manage problems of human and animal nutrition related to the quality of agricultural products. Graduates have a comprehensive knowledge and good command of scientific research methods and development in the field of nutrition, production, preparation and modification of nutrition resources and food additives. They are able to analyse, model and predict nutrition status of individuals and populations.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Kamil Hudec, PhD.

Kamil.Hudec@uniag.sk

Programme: Plant and Timber Physiology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Agrobiological and Food Resources

About the Programme: The programme prepares experts able to respond to the problems of agricultural production globalisation, diversification of agricultural subdivisions, changes in landscape utilisation related to global climate changes and biodiversity, utilisation of water, energy and natural resources by the ecosystems, genomics, food quality and safety and biodiversity. Graduates are familiar with scientific methods of study of physiological processes of plants, and know reasons of their changes. They are able to detect plant reactions on changing environment and increase their adaptability on changing climate with focus on breeding, genetic and regulating technologies in agro- and dendro-biology.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Kamil Hudec, PhD.

Kamil.Hudec@uniag.sk

Programme: Plant Protection**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Agrobiolgy and Food Resources

About the Programme: The programme is focused on methods of plant protection against harmful agents of biotic and abiotic origin and at the same time on risk reduction as a result of accumulation of agrochemical residues in the living environment as well as in the food chain. Programme graduates are familiar with scientific methods of research and development in the field of plant protection focused on the pest control, agricultural phytopathology and herbology.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Kamil Hudec, PhD.

Kamil.Hudec@uniag.sk

Programme: Special Animal Production**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Agrobiolgy and Food Resources

About the Programme: This study programme prepares future experts able to work in science, education, development and management of animal production and breeding, home pets and exotic animal breeding. Programme graduates are familiar with scientific methods of research and development in the field of special animal production which leads to animal production quantity, quality and safety improvement in accordance with requirements for environmental protection and sustainable agriculture. The programme is also oriented to the development of new scientific and technical procedures within basic research.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Kamil Hudec, PhD.

Kamil.Hudec@uniag.sk

Programme: Special Plant Production**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Agrobiolgy and Food Resources

About the Programme: The programme is based on the development of plant production stability and quality improvement, and elimination of risks due to influence of plant production on natural ecosystems and environment. Plant production is a considerable renewable source of energy, and plant products used in human nutrition, production of new special chemical goods and new materials.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Kamil Hudec, PhD.

Kamil.Hudec@uniag.sk

Slovak University of Technology in Bratislava

Slovenská technická univerzita v Bratislave

Vazovova 5, 812 43 Bratislava, Slovakia
www.stuba.sk



The Slovak University of Technology in Bratislava is a modern educational and scientific higher education institution. Since its foundation, in 1937, more than 125,000 students have graduated from the University. In average, 19,000 students study at the the University every year. At present, the University consists of seven faculties. All faculties provide study in accredited study programmes within the complex system of bachelor, master and doctoral studies. The faculties offer credit system compatible with the European credit transfer system enabling mutual mobility of students within the European Union member countries and a larger European space. In the area of scientific and research activities, the University successfully participates in the European Union programmes.

Faculties

Faculty of Architecture	Fakulta architektúry	www.fa.stuba.sk
Faculty of Chemical and Food Technology	Fakulta chemickej a potravinárskej technológie	www.fchpt.stuba.sk
Faculty of Civil Engineering	Stavebná fakulta	www.svf.stuba.sk
Faculty of Electrical Engineering and Information Technology	Fakulta elektrotechniky a informatiky	www.fei.stuba.sk
Faculty of Informatics and Information Technologies	Fakulta informatiky a informačných technológií	www.fiit.stuba.sk
Faculty of Material Sciences and Technology in Trnava	Materiálovotechnologická fakulta v Trnave	www.mtf.stuba.sk
Faculty of Mechanical Engineering	Strojnícka fakulta	www.sjf.stuba.sk

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Applied Informatics

Degree: Bachelor

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates gain not only a good knowledge of mathematics, physics, economics and management, but also a theoretical and methodological knowledge of the core of informatics, the knowledge of and practical skills in computer architecture, operating systems, logic systems, algorithms and programming respectively. They are familiar with measurement, data capture, processing and transmission of information and diagnostic of systems included to the programme. They possess the knowledge of information and communication networks, understand methods of modelling and simulation of systems and processes.

Tuition Fee: 5,000 €/academic year

More information: doc. Ing. Vladimír Jančárik, PhD.
vladimir.jancarik@stuba.sk

Programme: Applied Mechanics and Mechatronics

Degree: Bachelor

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: The programme is focused on technically progressive machines and devices that integrate advanced elements of machinery, electronics and information technology. To do so, elements of the computer mechanics are employed as well as intelligent materials, sensor arrays, neural networks, methods and means of automatic control together with elements of computer technology as local computer networks and database systems.

Tuition Fee: 5,000 €/academic year

More information: doc. Ing. František Urban, PhD.
frantisek.urban@stuba.sk

Programme: Architecture and Urban Design

Degree: Bachelor

Language: English

Faculty: Faculty of Architecture

About the Programme: Programme graduates, under the supervision of an authorised architect or other competent person, can work on architectural or urban design proposals or projects. They are able to prepare and evaluate the initial resources and documents required for the architectural and urban design projects. They have a basic knowledge of the history of architecture, urban design and arts, in structural engineering, and in social science and humanities related to architecture and urban planning and design. They are trained in computer-aided design; and they are familiar with the basic legislation relating to architectural and urban planning design and practice.

Tuition Fee: 5,000 €/academic year

More information: doc. Ing. arch. Ján Ilkovič, PhD.
jan.ilkovic@stuba.sk

Programme: Automation and Informatics of Machines and Processes

Degree: Bachelor

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: Programme graduates gain the knowledge of applied informatics and automation with the main focus on machines, machine-technology systems and processes in mechanical engineering and other associated areas. They obtain the knowledge of mathematical and physical principles needed in automation for the development systems and controllers. Graduates are able to fulfill tasks associated with the run and implementation of the information and control systems in the automation industry.

Tuition Fee: 5,000 €/academic year

More information: doc. Ing. František Urban, PhD.
frantisek.urban@stuba.sk

Programme: Automation, Informatisation and Management in Chemistry and Food Industry**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Chemical and Food Technology**About the Programme:** The programme is focused on education in the field of implementation and exploitation of automation in chemical and food industries, in the field of information technologies application in chemical and food industries, in the field of process control and management.**Tuition Fee:** 5,000 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk**Programme: Automobile Electronics****Degree:** Bachelor**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology**About the Programme:** Programme graduates obtain higher education in electronics with the focus on automobile electronics. They are familiar with electronic and optoelectronic devices, microprocessors, automation and control systems and the communication systems in the cars. Graduates receive an essential knowledge in the field of materials and technology, basics of construction and operation of car subsystems and combustion engines. They have the knowledge of principles of operations of car comfort unit systems and basics of measurement, testing and setting of various car functions and diagnostic of car control units.**Tuition Fee:** 5,000 €/academic year**More information:** doc. Ing. Vladimír Jančárik, PhD.
vladimir.jancarik@stuba.sk**Programme: Biotechnology and Food Technology****Degree:** Bachelor**Language:** English**Faculty:** Faculty of Chemical and Food Technology**About the Programme:** The programme provides a fundamental knowledge of and laboratory skills in biochemistry, microbiology, molecular biology, genetics, bioanalytical methods and food chemistry. Graduates are familiar with hygiene and health prevention, toxicology, fermentation and food technology, fundamentals of biotechnology, human nourishment and information technology. A part of the study programme is focused on laboratory research practice in a particular area.**Tuition Fee:** 5,000 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk**Programme: Chemical Engineering****Degree:** Bachelor**Language:** English**Faculty:** Faculty of Chemical and Food Technology**About the Programme:** Professionalism in the field of chemical engineering is based on a set of knowledge which enables to create capability to manage, control and make more effective complex production processes ensuring chemical and physical changes of substances inclusive

manipulation of material flows and their thermal treatment from raw materials to commercial products in the field of chemical, food stuff, pharmaceutical, biotechnological productions including environmental technologies and technologies of environmental protection.

Tuition Fee: 5,000 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Chemistry, Medical Chemistry and Chemical Materials

Degree: Bachelor

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: The programme trains highly qualified and creative chemists with solid engineering knowledge, well versed in chemistry, biochemistry, informatics, preparation of special chemical materials as well as possessing a basic knowledge pertaining to polymers. The connection of strong general scientific basic knowledge with an engineering approach to chemical materials is responsible for all-round qualities of graduates, both in scientific and industrial positions. They are capable of creative assessment of basic chemical and natural raw materials from the point of view of a chemist, propose suitable procedures for their utilisation, design and carry out synthesis of pertinent compounds (bioactive, macromolecular compounds, or analogues of natural compounds).

Tuition Fee: 5,000 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Civil Engineering

Degree: Bachelor

Language: English

Faculty: Faculty of Civil Engineering

About the Programme: Programme graduates acquire professional training in the field of design and realisation of various types of structures, which is important for professional performance.

Tuition Fee: 5,000 €/academic year

More information: doc. Ing. Peter Makýš, PhD.

peter.makys@stuba.sk

Programme: Electrical Engineering

Degree: Bachelor

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates are able to solve complex projects both independently and in a team. They can work as project managers, designer engineers, constructors, system designers and specialists.

Tuition Fee: 5,000 €/academic year

More information: doc. Ing. Vladimír Jančárik, PhD.

vladimir.jancarik@stuba.sk

Programme: Electronics**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates are prepared to design, construct, use and keep running electronic circuits and systems in various branches of weak-current electronics and electronic communications. Their knowledge cover processing, generation and transmission of bio-signals, audio-video signals, radio signals (including optical wave). Broad extent of their knowledge guarantees high adaptability, when dealing with problems in various branches of electronics.

Tuition Fee: 5,000 €/academic year**More information:** doc. Ing. Vladimír Jančárik, PhD.

vladimir.jancarik@stuba.sk

Programme: Industrial Informatics**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates have the knowledge of automated and automatic control, measurement and information systems, their design, implementation and operation. They are educated in the area of algorithmisation and formalisation of tasks, information assurance of control on the process, operative and management levels, for specialised application of information technologies in the control of quality, experiments and diagnostics, for the area of authoritative and secure communication, processing and archiving of the process information.

Tuition Fee: 5,000 €/academic year**More information:** doc. Ing. Vladimír Jančárik, PhD.

vladimir.jancarik@stuba.sk

Programme: Nutrition-Cosmetics-Health Protection**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates are specialists in the field of food and cosmetics manufacturing, marketing, quality/safety evaluating as well as working in national food and cosmetic inspections or private companies. They gain a fundamental knowledge of natural sciences, general chemistry, biology, biochemistry, microbiology, cosmetic chemistry/technology, cosmetology, public nutrition, food engineering, and information technologies – from health protection point of view.

Tuition Fee: 5,000 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Production Processes and Materials**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates possess the knowledge of mechanical engineering with the focus on production technology of welding, forming, casting, machining on a basic knowledge of structural metallic and nonmetallic materials, and their application in mechanical engineering. They understand the fundamentals of technical production, use of materials and production technologies in the field of mechanical engineering; they are capable of ensuring the implementation and operation of production and technology systems; they are able to solve technological and material operational problems, and use information technology. They are aware of social, moral, legal and economic context of their profession.

Tuition Fee: 5,000 €/academic year**More information:** doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Telecommunications**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: The programme is offering education in engineering profession dealing with telecommunications in all aspects of engineering activity including analysis, design, operation, maintenance and using of systems.

Tuition Fee: 5,000 €/academic year**More information:** doc. Ing. Vladimír Jančárik, PhD.

vladimir.jancarik@stuba.sk

Master Level**Programme: Applied Informatics****Degree:** Master**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates know how the information technology systems are designed, built and meaningfully used and operated in practise. To achieve this, courses from the core fields of Information Systems and Software Engineering interlace with courses divided into three majors: Security of Information Technologies; IT in Control and Decision Making; Modeling and Simulation of Event Systems.

Tuition Fee: 5,500 €/academic year**More information:** doc. Dr. Ing. Miloš Oravec

milos.oravec@stuba.sk

Programme: Applied Mechanics**Degree:** Master**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates gain a theoretical knowledge of solid body mechanics, continuum mechanics, thermomechanics and hydraulics. They have proper adaptability for a wide variety of theoretical tasks and application solutions in machinery.

They are able to analyse structural dynamics, synthesis and design of mechanisms and robots, methodology for optimum dimensioning of machine parts, calculation of service life and reliability of machines, theory of thermal calculations and fundamentals on mechatronics. They are familiar with methods and means of engineering experiments and research in applied mechanics.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Applied Mechatronics

Degree: Master

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates are able to design, develop and apply mechatronic systems using the latest knowledge in the field of natural sciences, mechanics, electronics, and information, communication and control technologies. The curricula of the study programme focus on modern methods of mathematics, physics, modelling and simulation, mechanics, electronics, sensor systems, communications and information technologies, automatic control and mechatronic systems design in three study branches: Automotive Mechatronics; Biomechatronics; Nanomechatronics.

Tuition Fee: 5,500 €/academic year

More information: doc. Dr. Ing. Miloš Oravec

milos.oravec@stuba.sk

Programme: Architecture

Degree: Master

Language: English

Faculty: Faculty of Architecture

About the Programme: Programme graduates acquire the knowledge of theory and history of architecture and arts, technical knowledge of structural systems and technology equipments for buildings, sufficient knowledge of interior environment of buildings, skills in complex designing and planning, knowledge of and skills in reconstruction and revitalisation of monuments and protected heritage buildings. They acquire a basic knowledge of managing and coordination activities related to the profession of an architect, the knowledge of humanities required for understanding of relations between people, structures and environment, and finally, understanding the role of an architect and architectural profession in society.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. arch. Ján Ilkovič, PhD.

jan.ilkovic@stuba.sk

Programme: Automation and Informatisation in Chemistry and Food Industry

Degree: Master

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: The programme is focused on education in the field of general analytical methods, design and implementation automation control systems, analysis of technological devices and processes, information technologies, design of technical and programme tools and its implementation in chemical, pharmacy and food industry.

The emphasis is put on process control, identification and modelling of systems, adaptive control, construction and testing of measuring devices and equipment, and on development of software packages for intelligent control systems. Second branch is devoted to information technologies, data management and internet programming.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Biotechnology and Biochemistry

Degree: Master

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: Biotechnology is a field of study which traditionally encompasses three scientific areas: genetic and cellular manipulative technology; enzyme technology; fermentation technology. Programme graduates are provided with a deep knowledge of biochemistry, microbiology, molecular biology, genetics, enzyme engineering, bioanalytical methods, bioengineering, fermentation, pharmaceutical, environmental and food technology, and fundamentals of management, law and economy.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Chemical Engineering

Degree: Master

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: Programme graduates gain a comprehensive knowledge in the field of process control, applied and basic research, design and project, optimisation of chemical and food stuff productions, environmental technologies and technologies of environmental protection by joining fundamental knowledge of chemistry and biochemistry with the knowledge of chemical reactors, separation processes and apparatuses with emphasis on economic, safety and environmental aspects.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Chemical Technologies

Degree: Master

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: Programme graduates are able to analyse technical problems and suggest appropriate solutions, develop new technological processes, simulate processes in the technological units and optimise them. Graduates are holders of the knowledge of manufacturing of chemical compounds and materials, are able to develop and control manufacturing processes, and to solve technological, safety and ecological problems.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Civil Engineering**Degree:** Master**Language:** English**Faculty:** Faculty of Civil Engineering**About the Programme:** Programme graduates acquire professional training in the field of design and construction of buildings, which is important for professional performance.**Tuition Fee:** 5,500 €/academic year**More information:** doc. Ing. Peter Makýš, PhD.

peter.makys@stuba.sk

Programme: Control of Technological Processes in Chemical and Food Industries**Degree:** Master**Language:** English**Faculty:** Faculty of Chemical and Food Technology**About the Programme:** Programme graduates understand “The Management of Technological Processes in the Chemistry and Food Industry” as problems of technology, economics and management in the business sphere. They are familiar with the methods and techniques of analytical, inorganic, organic and physical chemistry as well as chemical and information engineering. They are able to analyse problems and possibilities that cannot be seen in manufacturing organisations at the middle and top level of management. Acquired theoretical knowledge of technological and manufacture processes, economics, management, logistics, production quality, juridical and social subjects predetermine graduates for their positions.**Tuition Fee:** 5,500 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Cybernetics**Degree:** Master**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology**About the Programme:** Programme graduates are familiar with principles and tools for the development, implementation, operation and maintenance of complex control systems including their safety and reliability. The cybernetic approach uses technology to access, analyse, organise, and process information in systems to provide a generalised background for the system approach that allows generating solutions independently of the physical nature of processes. Graduates are well-equipped with analytical thinking and understanding, exactness, creativity and high-quality programming skills. The programme is oriented towards networked control of complex systems with the emphasis on control under uncertainty (robust, adaptive), and its applications in complex power and manufacturing systems.**Tuition Fee:** 5,500 €/academic year**More information:** doc. Dr. Ing. Miloš Oravec

milos.oravec@stuba.sk

Programme: Environmental Chemistry and Technology**Degree:** Master**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates are able to solve environmental problems using the principles and knowledge of chemistry, biology and general engineering. They deal with water and air pollution control, recycling, waste disposal and public health issues. They design municipal water supply and industrial wastewater treatment systems, conduct research on the environmental impact of proposed construction projects and technological systems, analyse scientific data, and perform quality-control checks. Major areas of interest and study of the programme include: development of innovative biological, chemical and physical treatment processes to remove and degrade pollutants from water and air; measurement, modeling, and predictive analysis of the movement and fate of pollutants in the environment; development and evaluation of techniques of revitalisation of polluted sites (earth, water and air) and for remediation of degraded ecosystems.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Food, Hygiene, Cosmetics

Degree: Master

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: Programme graduates are specialists educated in scientific, chemical engineering, food and biotechnological branches. They are familiar with the chemistry, analysis and technology of foods, condiments, and beverages, and with products of cosmetics and household chemistry. They are able to apply their knowledge in the development of new products and products innovation to make the expertise in food and cosmetic companies with respect to HACCP, Good Manufacturing Practice (GMP), safety and hygiene as well as the control within the frame of state food and health control. Graduates have the basics of IT, trade and finance law, finance market, as well as of the production, import, export and distribution in food and cosmetics.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Heritage Materials Conservation

Degree: Master

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: Programme graduates gain a complex knowledge of structure and properties of chemical substances and traditional as well as modern materials. Graduates are able to characterise materials structure, and modify their properties, understands relations among materials structure, properties and technology. They possess wider theoretical and practical technological knowledge which help them to work in technology as well as in research and development in the field of conservation science. They have also the knowledge of informatics, art history, ethics, artefacts conservation, law, management and communication in an interdisciplinary team.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Measurement and Information Technology**Degree:** Master**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates obtain an education in a broad area of designing and operation of measurement and information technology in all fields of contemporary technologies. They gain a deep knowledge of application of modern methods and acquisition of procedural information inclusive visual information.

Tuition Fee: 5,500 €/academic year

More information: doc. Dr. Ing. Miloš Oravec
milos.oravec@stuba.sk

Programme: Microelectronics**Degree:** Master**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates have a good theoretical knowledge of and practical experience in electronic systems for generating, processing, communicating and storing of information as well as control signals in various applications. Graduates are able to design, analyse, verify and maintain various electronics systems based on advanced micro- and nano-electronics technologies. Attention is paid to the development and integration of optoelectronics, photonics and sensorics with methods of digital signal processing. The programme provides graduates with skills in team work, designing and evaluating experiments as well as with presentation and communication of obtained results.

Tuition Fee: 5,500 €/academic year

More information: doc. Dr. Ing. Miloš Oravec
milos.oravec@stuba.sk

Programme: Natural and Synthetic Polymers**Degree:** Master**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates gain the knowledge of manufacturing, processing, structure and properties of natural and synthetic polymer materials. Graduates are able to analyse technical problems, develop new technological processes, develop new polymeric materials in the area of production and processing of plastics, rubber, fibres and textile materials, and their finishing treatment. Graduates are specialists in structural and chemical composition, isolation, degradation, analysis and processing of lignocelluloses biomaterials from plant raw materials.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk

Programme: Nutrition and Health Protection**Degree:** Master**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates are experts in the production of food-related products, such as foods, food components, food additives, etc. They are familiar with the expertise of nutritional and health-related values of food components as well as of the food analysis and evaluation. They are aware of the harmful effects of food component and food additives. Graduates possess the knowledge of processes of food production, its storage, use, and are aware of risks of food additives. They acquire skills in managing technological problems related to food preparation, food sales and selection of raw material for the food production. The integral part of this programme is the research activity in the nutrition physiology and food analysis.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk

Programme: Physical Engineering

Degree: Master

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates are familiar with physical processes and methods used in analysis and modification of materials, studying of mechanical, thermal, electrical, magnetic and optical properties of matter. Graduates acquire a deep knowledge of physical processes and phenomena in different kinds of materials including diagnostic methods and their application potential. Modern IT-based methods and approaches used as studying material properties on subatomic, atomic and molecular level are included. All this knowledge is treated in an actual economical, legislative, ethical and social environment.

Tuition Fee: 5,500 €/academic year

More information: doc. Dr. Ing. Miloš Oravec
milos.oravec@stuba.sk

Programme: Power Engineering

Degree: Master

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: The programme offers highly specialised study in balanced engineer education by means of natural sciences, humanities, professional, technical and economical subjects aimed to electrical energy production and distribution, lighting technology, nuclear technology, electrical machines and devices.

Tuition Fee: 5,500 €/academic year

More information: doc. Dr. Ing. Miloš Oravec
milos.oravec@stuba.sk

Programme: Radioelectronics**Degree:** Master**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates are familiar with designing of a broad spectrum of circuits and systems for radio-communication and radio-navigation. They have a good knowledge basis of modern methods for processing and transmission of audio and video signals, including biomedical signals. They are prepared to design individually or in a team normal as well as intricate electronic systems for creating and processing multimedia signals.

Tuition Fee: 5,500 €/academic year**More information:** doc. Dr. Ing. Miloš Oravec

milos.oravec@stuba.sk

Programme: Robotics**Degree:** Master**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates are specialists in the field of the analysis and design of automatic and automated systems. They have a deep knowledge of and skill in the field of computer systems of automatic control. They are competent to design, certify, and operate event driven and robotic systems.

Tuition Fee: 5,500 €/academic year**More information:** doc. Dr. Ing. Miloš Oravec

milos.oravec@stuba.sk

Programme: Spatial Planning**Degree:** Master**Language:** English**Faculty:** Institute of Management

About the Programme: Programme graduates are able to analyse the characteristics and values of natural and socio-economic territorial complexes, social structures and settlement systems, cultural, economic, ecologic and aesthetic aspects. They are able to identify development potential and limits, to elaborate spatial development strategies, development plans, land-use plans, landscape plans following the principles of development sustainability, ecologic stability and diversity. They are able to moderate the processes of social participation, to mediate conflicts and to co-ordinate comprehensive territorial management functional, economic and cultural development of territorial complexes at all levels – local, regional, national and European level.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Daniela Špírková, PhD.

daniela.spirkova@stuba.sk

Programme: Technical Chemistry**Degree:** Master**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Graduates possess a good knowledge of contemporary analytical, organic, physical and inorganic chemistry, chemical informatics, and are capable to deploy

this knowledge in their research and work. To the core knowledge basis of technical chemistry graduates belong molecular and atomic spectrometry, electro-analytical chemistry, and separation analysis, mechanisms of both organic and inorganic reactions. These are purposefully complemented by training in asymmetric synthesis and stereochemistry, organometallic, bioorganic, bioinorganic, biophysical and bioanalytical chemistry, theory of chemical bond, colloid chemistry, chemical thermodynamics and kinetics, application of AI in chemistry, symbolic programming applied to chemistry, chemical information systems and computer chemistry.

Tuition Fee: 5,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk

Programme: Telecommunications

Degree: Master

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: The programme offers integrated academic education in engineering profession concerned with telecommunication technology in all its aspects. Graduates obtain a deep knowledge in selected specialisation, which enables them to supervise team of employees in this field, independently supervise big projects, take responsibility for complex solutions, and perform research with high level of creativity and independence.

Tuition Fee: 5,500 €/academic year

More information: doc. Dr. Ing. Miloš Oravec
milos.oravec@stuba.sk

Doctoral Level

Programme: Analytical Chemistry

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: The programme instigates scientific work, scientific formulation of analytical problem, and coupling among development – application – interpretation, ethical and social issue of scientific work, presentation and publication of results in the field of analytical chemistry science, required knowledge for the development of science and study section and the evaluation of own contribution for practice. Graduates are familiar with the methodology of scientific work especially with specialisation in specific field of analytical chemistry (structural analysis, analysis of high purity materials, trace and ultra trace analysis of the complex samples, analysis of chiral compounds, etc.), with application in different field (clinical analysis, environmental analysis, pharmaceutical analysis, etc.). They are also familiar with the methodology of special area of analytical chemistry (separation methods, identification and detection methods, methods of structural analysis and etc.).

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk

Programme: Applied Informatics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates possess a deep theoretical and methodological knowledge and practical experiences of the essential areas of the core of informatics. They are familiar with measurement, data capture, processing and transmission of information, and diagnostic of systems. Graduates have the knowledge of information and communication networks, understand methods of modeling and simulation of systems and processes.

To achieve this target, courses of the core fields of Information Systems and Software Engineering interlace with courses divided into four majors: Security of Information Technologies; Biometrics; Modeling and Simulation of Event Systems; IT in Control and Decision Making.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Jarmila Pavlovičová, PhD.jarmila.pavlovicova@stuba.sk**Programme: Applied Mathematics****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates gain a deep theoretical and methodological knowledge and practical experiences of the crucial parts of Applied Mathematics comparable with the contemporary state of Applied Mathematics in the world research. They can analyse and solve complicated and not standard tasks in mathematics and its applications. They bring new, original approaches and solutions, and with respect to the interactive character of the field can formulate and solve also mathematical problems from another research disciplines.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Jarmila Pavlovičová, PhD.jarmila.pavlovicova@stuba.sk**Programme: Applied Mathematics****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is focused on scientific methods of research in the area of applied mathematics, development of new methods and improvement of the existing methods of real processes modeling and on prediction of their development. The programme includes also the development of software tools for the models design and their verification as well as the applications of the proposed models, and developed software tools to real data coming from different engineering, technological and economical processes.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Peter Makýš, PhD.peter.makys@stuba.sk

Programme: Applied Mechanics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is focused on scientific methods of research in the area of applied mechanics. It is focused on the statics, stability and dynamics of structures. The main tool for the research is the computer technique (numerical methods) and the experimental investigation of the behaviour of the structures. The study programme produces specialists in statics of the civil engineering structures.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Peter Makýš, PhD.
peter.makys@stuba.sk

Programme: Applied Mechanics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates possess a good theoretical knowledge of mathematics, rigid body mechanics, theory of elasticity, continuum mechanics mechanism analysis and synthesis, dynamics of machines, vibration of mechanical systems, thermomechanics, fluid mechanics, technical acoustics, and the theory of experiment, which they can apply in solving technical problems. They are acquainted with the principles of independent as well as team research work, and can present their results in professional publications and conferences. They are able to use new software and create new programmes for solution of specific problems in mechanics.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. František Urban, PhD.
frantisek.urban@stuba.sk

Programme: Architectural Heritage Conservation**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Architecture

About the Programme: Programme graduates are familiar with research and development methods within the field of Architecture and Urban Planning where the interdisciplinary aspects of protection, renovation and attention to the heritage are stressed. They are able to individually and creatively analyse problems, come up with new knowledge within the field, search for new original ways of solving the intricate and demanding research tasks.

Tuition Fee: 6,500 €/academic year

More information: doc. Dr. Ing. arch. Henrieta Moravčíková
usarmoro@savba.sk

Programme: Architecture**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Architecture

About the Programme: The programme has a plural character and enables its graduates to build up their individual profile. The programme encourages individual creative work

on theoretical, research and scientific projects, analysis of intricate issues within the field, and identification of their rules. The programme enables graduates to search for and work out new areas of knowledge within the field as well as to find specific, original ways of scientific research. Graduates are prepared for individual creative research activity.

Tuition Fee: 6,500 €/academic year

More information: doc. Dr. Ing. arch. Henrieta Moravčíková

usarmoro@savba.sk

Programme: Automation and Control

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates have the knowledge and skills necessary for doing independent research and scientific work in the field of automation. Completion of the study part includes passing compulsory and compulsory elective courses extending theoretical knowledge of this field. The courses are selected to make up individual curriculum with orientation on the topic of the dissertation. Graduates are prepared to solve research tasks, bringing new knowledge, innovative problem-solving methods, and to present research outcomes as technical reports, conference contributions and journal papers. Graduates are familiar with scientific research methods and prepared to cope with the most challenging tasks of automation practise. They are able to design automatic control systems for the most demanding applications as well as to lead a research team.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Jarmila Pavlovičová, PhD.

jarmila.pavlovicova@stuba.sk

Programme: Automation and Control of Machines and Processes

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: Programme graduates have a good knowledge of automation, control and information technologies oriented mainly towards machines, technical systems and processes based on progressive methods, automated control systems, methods of intelligent control, optimisation, principles and methods of automated and automatic systems design, and their information support, solutions of current development and research tasks in the informatisation and automation of machines, equipment, technological and production processes. Graduates are able to independently formulate and solve research tasks connected with design, operation and implementation of information and control systems. They can apply their knowledge independently, or as a team members, to solve scientific research and development problems of informatisation and automation of technological and production processes, machines and devices in various areas of economic life.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Biochemistry**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates acquire a theoretical background of and practical skills in biochemistry, molecular biology and adjacent fields, such as microbiology, physiology, cell biology, clinical biochemistry and bioinformatics, which enable them to be employed in biologically oriented research, development and in related companies. Graduates learn scientific methodology of these fields, such as problem formulation, design of experiments, analysis of experimental data and written output of results. Corresponding skills encompass the isolation and analytical procedures with cells, organelles, biomacromolecules, metabolites, transport and enzyme activity measurements, analysis of reactions and transport, and metabolism by means of mathematical methods.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Biotechnology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates are familiar with scientific methods of research and development by application of scientific knowledge from microbiology, molecular biology, biochemistry, enzymology, bioengineering, chemical and bioanalytical methods and techniques. The core of their knowledge form cognitions derived from natural sciences, chemical engineering, genetic engineering which they are able to apply in the development and managing of biotechnological productions, their modeling and simulation from the view of process optimisation, construction of new production biosystems and biomaterials.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Building Technology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is focused on scientific methods of research in the area of building technology, on development of new methods and improvement of existing methods of building processes modelling. Students are developing methods of polyoptimal design in robotics and developing the principles of scientific research of life-cycle of buildings, qualitative, environmental and safety aspects of new technologies and products, and effective management of building processes during the building planning, realisation and maintenance.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Peter Makýš, PhD.

peter.makys@stuba.sk

Programme: Chemical Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates understand the scientific methods of research and development used in scientific discipline Chemical Engineering. They have an advanced knowledge of multiphase flow, momentum, energy and mass transfer phenomena required in design, simulation, optimisation, safety analysis of processes in chemical, food, and pharmaceutical technologies, energy industries and environmental protection.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.monika.bakosova@stuba.sk**Programme: Chemical Physics****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: The programme represents a basis for the investigation of material properties on the atomic and molecular level. Topics are tightly closed to the solid state physics, particular sections of plasma physics as well as modelling in biophysical systems and in quantum chemistry. The research fields of Chemical Physics are represented by the investigation and characterisation of molecules and condensed systems using methods of quantum mechanics and statistical physics. The programme is focused on the interpretation, classification and prediction of molecular characteristics by means of quantum chemistry, molecular spectroscopy, structural analysis as well as on the dynamics of elemental chemical processes by the application of theoretical and computational methods.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.monika.bakosova@stuba.sk**Programme: Chemistry and Technology of Consumables****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates are prepared for professional, scientific and inventive work in the area of research, development, evaluation and progress of modern methods of production of foodstuffs, products of cosmetics and household chemistry. Profound knowledge of natural sciences supported by the knowledge of applicative biochemical, microbiological, analytical, chemical and engineering disciplines are suppositions that graduates are able to work creatively, suggest systematic solutions, develop new technologies and control methods concerning safe production and protection of human health.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.monika.bakosova@stuba.sk

Programme: Cybernetics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates gain a comprehensive theoretical knowledge, practical experience and training for individual scientific work in the field of systems control. Special emphasis is put on complex and large-scale systems control using robust and adaptive approaches. Network control systems, control of organic nature systems (a branch of biocybernetics) as well as complex programme systems are also included. In the application area focus is on control of power systems and other complex, large-scale and multivariable systems. Graduates acquire the knowledge based on the present knowledge, and with their inventive work contribute to the development of the scientific knowledge in the subject field.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Jarmila Pavlovičová, PhD.

jarmila.pavlovicova@stuba.sk

Programme: Design**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Architecture

About the Programme: Programme graduates master the theory and methods of the creative design process. They perform professional activities that require artistic and technical skills in solving the most demanding design tasks. Graduates can independently examine a design task and cover the demanding connection between the form and function with the help of the latest technological means, materials and sociocultural requirements for the design product. The notable characteristic mark of programme graduates is their interdisciplinary approach to any design task.

Tuition Fee: 6,500 €/academic year**More information:** doc. Dr. Ing. arch. Henrieta Moravčíková

usarmoro@savba.sk

Programme: Didactics of Technical Professional Subjects**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Material Sciences and Technology in Trnava

About the Programme: Programme graduates are able to identify, analyse and solve demanding issues of an empiric and conceptual character as well as to plan, organise and evaluate research in the related field. They can either lecture didactics of professional subjects at teacher-training faculties preparing teachers of secondary technical schools or work in research and development and methodology centres requiring ISCED 7 (level in international classification of education) as well as for governmental administration and educational institutions as an experts in the field of methodology, research and development and programme concepts.

Tuition Fee: 8,000 €/academic year**More information:** doc. Ing. Peter Schreiber, CSc.

peter.schreiber@stuba.sk

Programme: Electromagnetic Theory**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates acquire advanced education at the level of contemporary world research in the given subject area, and partially also in closely associated areas. Graduates gain a deep theoretical and methodological knowledge and highly specialised practical skills in the field of theoretical electrical engineering that stimulate the original thinking, creative and innovative approach of problem solving. Graduates cope with scientific problem formulation concerning the principles of individual and team research work, with the solutions and results presentation not only for the experts but also for the non-expert audience.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Jarmila Pavlovičová, PhD.

jarmila.pavlovicova@stuba.sk

Programme: Electrotechnology and Materials**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates are able to solve scientific and technological problems in the field of electromagnetic properties of materials and material structures. They are able to design, analyse, and to optimise materials and material structures of technical applications in the field of electrical and electronic engineering considering the state of the art knowledge. They are able to design and apply diagnostic methods of evaluation of state and lifetime of different systems from the point of view of degradation and aging processes, especially in isolating materials, but also in semiconducting structures and magnetic materials. They are able to optimise selected technological processes, and on the basis of evaluation of results of chemical and physical analysis design new, more effective production processes.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Jarmila Pavlovičová, PhD.

jarmila.pavlovicova@stuba.sk

Programme: Engineering of Production Quality**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Material Sciences and Technology in Trnava

About the Programme: Programme graduates receive complex education in the field of Production Quality focused on quality management skills. They are able to develop creative methods of quality management, integrated and complex quality management, design and operate social-technical and management systems in different types of organisations, innovate processes, and improve the quality management. They are able to analyse the market and customers, design and evaluate projects for organisations.

Tuition Fee: 8,000 €/academic year**More information:** doc. Ing. Peter Schreiber, CSc.

peter.schreiber@stuba.sk

Programme: Environmental Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates solve environmental problems using the principles and knowledge of chemistry, biology and general engineering. They deal with water and air pollution control, recycling, waste disposal and public health issues. They conduct hazardous-waste management studies where they evaluate potential risks. Major areas of interest and study in the programme include development of innovative biological, chemical, and physical treatment processes to remove and degrade pollutants from water and air, and on the development and evaluation of techniques for revitalisation of polluted sites.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Fluid Machines and Equipment**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates acquire knowledge of scientific problems concerning fluid flows, the energy transformation of fluid and processes in fluid machinery and equipment. They also acquire theoretical knowledge in the field of mathematics, continuum mechanics, fluid mechanics, hydrodynamic and hydrostatic machine, biofluid mechanics and their experimental methods, with their independent application in the solution of technical problems. In their theses they solve scientific problems, with a corresponding scientific contribution in the area of hydropower engineering, pumping technology, power hydraulics and pneumatics, and in microfluid technology and biofluid technology, too.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Geodesy and Cartography**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is focused on scientific and research problems related to geodesy, geodetic cartography, and cadastre. Study part of the programme is devoted to deepen of theoretical background of geodesy, related geo-sciences, informatics and theory of measurements on the level of recent state-of-art. Scientific part is based on individual research of specific scientific problem. The expected output is a new contribution to science and development, new method of solution of specific problem or other original piece of knowledge.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Peter Makýš, PhD.

peter.makys@stuba.sk

Programme: High Power Electrical Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates obtain theoretical and methodological knowledge of power engineering, power plant modernisation, research and development of new technologies by using direct energy conversion, power lines transmission capability increasing, operation control of power system, electric energy consumption rationalisation, electrode devices diagnosis and prophylactic, living environment monitoring and protection.

They acquire principles of scientific individual and team work, formulation and solving of difficult scientific problems. Graduates are able to solve complex and nonstandard tasks, and bring original solutions.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Jarmila Pavlovičová, PhD.
jarmila.pavlovicova@stuba.sk

Programme: Industrial Management**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Material Sciences and Technology in Trnava

About the Programme: Programme graduates gain a complex knowledge of the development in the field of managerial activities, tools and methods applied in various types of companies. They are able to develop creative methods in the field of industrial management and design, provide social, technical and managerial systems in various types of companies, accelerate the development of innovative processes, and apply various management improvement approaches.

Tuition Fee: 8,000 €/academic year

More information: doc. Ing. Peter Schreiber, CSc.
peter.schreiber@stuba.sk

Programme: Inorganic Chemistry**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: The programme is aimed at the solution of scientific problems in inorganic chemistry. It is focused on the interconnection research-development-production-utilisation-recycling of new inorganic, bioinorganic, coordination and organo-metallic compounds. Graduates have a deep complex theoretical knowledge, experimental experience, knowledge of managing a working group, and are able to work creatively in scientific teams.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk

Programme: Inorganic Technologies and Materials**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: The programme is focused on new materials, low-waste technologies and high-temperature processes. As for materials, it is directed to construction materials and their protection, and to nanomaterials. As for technologies, it deals mainly with electrochemical and high-temperature processes producing materials of required utility properties. Graduates have a deep theoretical background, practical experience and the ability for creative work in team.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Integrated Safety**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Material Sciences and Technology in Trnava

About the Programme: Programme graduates are familiar with the methods of research and experiments within the Occupational Safety and Health Management Systems. They are qualified to conduct independent scientific research as well as work in inventive teams. They are able to solve complicated problems in the field of Occupational Safety and Health theory and practice, risk management, safety of working and living environment and fire safety as well as other related branches. Graduates are able to scientifically formulate and elaborate problem, introduce own results of research work with the possibility of their application in the study branch including the presentation of results in the scientific journals in Slovakia and abroad.

Tuition Fee: 8,000 €/academic year**More information:** doc. Ing. Peter Schreiber, CSc.

peter.schreiber@stuba.sk

Programme: Landscaping**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is focused on methods of research in the field of landscape protection, and exploitation including scientific description, experiment, its assessment, modeling and interpretation of the outcomes. Theoretic basis of the study course comes from the theory of protection and creation of the environment, regularities of natural hydrological cycle, and relations of agricultural landscape exploitation (agricultural and forest resources, water bodies, infrastructure in relation to developed country – natural landscape). The programme also includes mathematic modeling of the environment quality specialised in the aquatic habitat quality and river restoration.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Peter Makýš, PhD.

peter.makys@stuba.sk

Programme: Machine Parts and Mechanisms**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates have mastered scientific methods of research and development in the field of dimensioning and design of machine parts, with respect to production conditions, operation and recycling. They are capable of independent and team scientific work and scientific formulation of technical tasks. They can create complex models of analysis and synthesis of machine parts, creatively develop and utilise systems of computer aided design, and they have up-to-date knowledge of design methods. They possess knowledge of modern construction material properties which they can apply from the perspective of technology, ecology and economy requirements. They are acquainted with optimisation methods, probability theory, stochastic dimensioning and experiment planning.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Machine Technologies and Materials**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Material Sciences and Technology in Trnava

About the Programme: Programme graduates gain a wide theoretical knowledge in the field of metallurgy, progressive technologies of chipless and chip processing of materials, computer support and applications of CA technological systems, simulations and automation of technological processes. They master scientific methods of research and development in production processes, particularly in technologies of machining, welding, forming, foundry, machine metrology, assembly, powder metallurgy and CA technologies.

Tuition Fee: 8,000 €/academic year**More information:** doc. Ing. Peter Schreiber, CSc.

peter.schreiber@stuba.sk

Programme: Macromolecular Chemistry**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates have a wide knowledge of scientific methods of synthesis and biosynthesis of macromolecular structures as well as of the methods of study of structure and properties of macromolecular systems, catalysis and controlled synthesis, building reactions, thermodynamic and kinetics aspects of synthesis and manufacturing of both traditional and novel polymers. They have a wide knowledge of supermolecular structure of macromolecular compounds and influence of this structure on properties of polymer systems. Graduates master scientific methodology, scientific processes of preparation and study of structure and properties of macromolecular compounds, polymers solutions and multicomponent polymer systems.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Materials Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Material Sciences and Technology in Trnava**About the Programme:** Programme graduates are familiar with scientific research methods, process-solving procedures in the field of technical materials as well as with the principles of individual and team research work. They understand the relationships of material research-development-production-utilisation-recycling as well as legal and environmental aspects of new material products.**Tuition Fee:** 8,000 €/academic year**More information:** doc. Ing. Peter Schreiber, CSc.

peter.schreiber@stuba.sk

Programme: Measurement Technology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology**About the Programme:** Programme graduates obtain a deep theoretical and methodological knowledge and practical experiences of essential areas of measurement science at level of the present state of the science all over the world. They are familiar with scientific methods of research and measuring systems development. They are qualified to design measuring instruments on the basis of the state of scientific knowledge, propose original principles of measurement, and develop original technical and software tools of measuring system. They are able to scientifically optimise technical solutions of measuring systems for their application in different technological sectors, and for automation and parameters monitoring from the point of view of quality management and certification of products. They are familiar with principles of individual and team scientific work, scientific research, scientific problem formulation, complex problems solution and presentation of scientific results.**Tuition Fee:** 6,500 €/academic year**More information:** doc. Ing. Jarmila Pavlovičová, PhD.

jarmila.pavlovicova@stuba.sk

Programme: Mechatronics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering**About the Programme:** Programme graduates have mastered scientific methods of research and development in mechatronics. They are able to solve engineering and scientific tasks in the field of electrotechnology, electronics, mechanics, mechanical engineering, informatics and automatic control, up to the level of artificial intelligence. They can use up-to-date analytical and numerical methods and mathematical modeling methods. They can characterise and understand physical phenomena, and experimental knowledge related to them, seek out adequate models and new applications in specific disciplines. Graduates are well prepared for independent scientific work in the areas synergetically co-operating with the above fields of technology as well as with measuring and sensor technologies.**Tuition Fee:** 6,500 €/academic year**More information:** doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Metrology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates possess a good theoretical knowledge of natural sciences related to their scientific work, metrology, measurement theory, measuring instruments and systems, design and control of experiments as well as measurement result processing. They have mastered scientific methods of research and development. They are able to develop measurement and calibration methods, test measuring instruments, apply theoretical knowledge in the use of measuring units of quantities, scientifically explore and develop methods of evaluation of measurement results and data processing.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Metrology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates gain a deep theoretical and practical experience of metrology at the level of present state of research all over the world. They acquire principles of individual and team scientific work, scientific research, scientific problem formulation, complex problems solution and scientific results presentation. They are able to analyse and solve complex and non-standard problems in the branch of Metrology, and to introduce original new results. Graduates are able to creatively apply the acquired knowledge in practise, and find professional place in the different branches of science, research, industry and services in public and private sector. They are able to observe the newest scientific and research trends of metrology, and to renew and upgrade their knowledge by the way of whole-life education.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Jarmila Pavlovičová, PhD.

jarmila.pavlovicova@stuba.sk

Programme: Microelectronics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: The programme reflects transformation of advanced electronics to microelectronics and currently to nanoelectronics. Graduates have a deep knowledge of fundamental theoretical (mathematical and physical) background. They are familiar with the analysis of various properties, design and construction methodology, characterisation and testing of electronic devices and systems for generation, processing, transfer and storage of information and control signals. Photonics, sensorics and micro-system technology is an integral part of the curricula. Graduates are required by industry in the production, development and research laboratories of electronics and related fields but also as operation, system and service engineers in a variety of areas as microelectronics and nanoelectronics, optoelectronics, sensorics, microsystems technology, instrument technology, security and medical electronics, investment electronics, automotive electronics, radio and opto-communications, mobile networks, vacuum electronics, mechatronics and service sector.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Jarmila Pavlovičová, PhD.
jarmila.pavlovicova@stuba.sk

Programme: Nuclear Energetics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates contribute to the research and development of areas relevant to nuclear, nuclear power and nuclear physical facilities and related equipment. They are familiar with increasing nuclear safety connected to radiation resistance and other properties of structure, and nuclear materials. Graduates are specialist in the research, development and structure of advanced types of nuclear and fusion reactors, nuclear fuels and fuel cycles, making use of transmutation technologies, decommissioning of nuclear installations, spent nuclear fuel and radwaste treatment, detection, dosimetry and radiation protection, as well as environmental and economic aspects of nuclear energy.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Jarmila Pavlovičová, PhD.
jarmila.pavlovicova@stuba.sk

Programme: Organic Chemistry

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: Programme graduates gain the knowledge of current organic chemistry, mainly organic synthesis, and the development of novel active substances for the chemical industry, pharmaceutical industry and crop protection. By applying contemporary physico-chemical method, graduates are able to devise a reaction mechanism and elucidate the structure of natural compounds, including optically active ones. They are versed in the methods used in research and development in organic chemistry, e.g. in planning and executing multi-step organic syntheses, utilisation catalysts and non-traditional synthetic methodologies. The core of the programme consist of: advanced methods of organic synthesis; methods of structure elucidation; correlation of structure with physical; chemical and biological properties of organic compounds.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk

Programme: Organic Technology and Technology of Fuels

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: Programme graduates are well acquainted with the methods of scientific research and development aimed at streamlining technologies and development of new manufacturing processes for basic chemicals, fuels, antioxidants, pharmaceuticals, pesticides and other chemical specialties. They are prepared for independent solutions of difficult tasks in the area of development and manufacturing of organic compounds and fuels. Graduates are well versed in the methodology of scientific work, can work-up, analyse and present data to the scientific community in the form of reports, scientific papers and lectures.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Physical Chemistry

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: The programme covers a wide range of areas including: chemical thermodynamics, chemical kinetics, atomic and molecular spectroscopy, phase equilibrium, phase transitions, statistical thermodynamics and non-equilibrium thermodynamics.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.

monika.bakosova@stuba.sk

Programme: Physical Engineering

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates acquire a deep theoretical and methodological knowledge and experience of physical processes in various environments with the focus on material properties, and processes running in materials which are subjects of scientific investigation or state-of-art development worldwide. Graduates are able to analyse and solve complex and non-standard tasks in the field of physical engineering, and to find original solutions as well as to follow scientific and research trends in their area.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Jarmila Pavlovičová, PhD.

jarmila.pavlovicova@stuba.sk

Programme: Physics of Condensed Matter and Acoustics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates acquire a deep theoretical and methodological knowledge of the physics of condensed matter and acoustics at the present level of the state of the art in the world. They have adopted basics of scientific team work, scientific research, scientific formulation of problems. They are familiar with the relations among research, development, and practical utilisation of the solutions of complicated scientific problems as well as presentation of the achieved results. They are able to analyse and solve complicated non-standard tasks in the field of Physics of Condensed Matter and Acoustics, bring new original solutions, and are capable of creative application of the acquired knowledge to praxis.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Jarmila Pavlovičová, PhD.

jarmila.pavlovicova@stuba.sk

Programme: Power Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology

About the Programme: Programme graduates obtain a theoretical and methodological knowledge of power engineering, power plant modernisation, research and development of new technologies using direct energy conversion, power lines transmission capability increasing, operation control of power system, electric energy consumption rationalisation, electrode devices diagnosis and prophylactic, living environment monitoring and protection. They acquire principles of scientific individual and team work, formulation and solving scientific problems. Graduates are able to analyse and solve complex and nonstandard tasks, bring original solutions, and present them.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Jarmila Pavlovičová, PhD.
jarmila.pavlovicova@stuba.sk

Programme: Process Automation and Informatisation**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Material Sciences and Technology in Trnava

About the Programme: Programme graduates are specialists in modern fields of automation and control processes utilising information technologies in the development of new methods, algorithms and procedures. Depending on the choice of elective subjects, they can specialise in the control of complex systems utilising information technologies, quality and reliability assessment of control systems software, utilisation of multimedia and virtual reality in management, or in intelligent control methods with elements of artificial intelligence, i.e. application of information technologies in automated control system. Graduates are familiar with the relations of automation and control of related natural sciences as well as physical nature of implemented original solutions in the field of automated and automatic control, in the field of information technologies, experiment preparation and control, modelling, simulation, visualisation and prognostics.

Tuition Fee: 8,000 €/academic year

More information: doc. Ing. Peter Schreiber, CSc.
peter.schreiber@stuba.sk

Programme: Process Control**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Chemical and Food Technology

About the Programme: Programme graduates are specialists in control and management of unit processes, chemical and food technology, and control of complex technological units in the process industries. They are specialists in the field of mass and heat transfer processes, chemical reactions, and control of biotechnological processes. Graduates are able to design control, automation and information systems on the basis of analysis of processes and technologies in the process industries. They can assess links between technological processes and control systems. They know how to design technology solutions in the process industry.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk

Programme: Process Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates gain the knowledge of transfer of heat, substance and momentum in one-, two- and three-phase systems typical for chemical and food-processing machines and equipment. Graduates are able to generalise the acquired knowledge and to formulate it in an acceptable form, and are able to evaluate and compare the acquired knowledge with that from literature and their own experiments. They are familiar with methods of process modeling and designing of new and non-traditional processing technology, special methods of investigation, the latest laboratory techniques and instruments for their own research and development. They are capable of evaluating legal, environmental, safety and economic aspects of production, products, technology as well as of the used processing technology.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Processing and Application of Non-metals**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Material Sciences and Technology in Trnava

About the Programme: Programme graduates are able to bring their own solutions of complex problems, formulate problems scientifically, and present their own results. They are familiar with legal, environmental, ethical and social aspects of scientific work. Graduates understand the relations between research – development – production – implementation – recycling, aspects of research and development of new materials (mainly on the basis of glass, plastics and ceramics).

Tuition Fee: 8,000 €/academic year**More information:** doc. Ing. Peter Schreiber, CSc.

peter.schreiber@stuba.sk

Programme: Production Devices and Systems**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Material Sciences and Technology in Trnava

About the Programme: Programme graduates gain deep knowledge of processing control, the development of new control methods and algorithms. They are able to apply scientific methods of research and development in the area of manufacturing engineering focused on the development of machining, forming, welding and casting machines, robotic equipment, machines for woodworking, solid waste, etc. They are familiar with the principles of scientific work, relationships between research – development – production – application – recycling. They understand connections between automation, automated and automatic control of manufacturing processes, preparation and control of experiments, modelling, simulation and prognostics. They are able to recognise social, moral, legal and economic impact of his profession. Graduates are prepared to formulate and solve up-to-date problems of their specialisation, and lead a research team.

Tuition Fee: 8,000 €/academic year**More information:** doc. Ing. Peter Schreiber, CSc.

peter.schreiber@stuba.sk

Programme: Production Machines and Equipment**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates have mastered scientific methods of research and development in CAE based production technology; they are capable of developing design methods of elements, nodes and concepts of production machines and equipment. They possess skills in the application of PC platforms (mainly graphic systems) CAE, I-DEAS, MATLAB, etc., and in system modelling or process simulation. They have a good knowledge of natural sciences related to their scientific work, especially in mathematics, mechanics with the focus on the dynamics of complicated technical systems, in the sphere of measurement, experiment evaluation, modelling and simulation of operation conditions, or in the area of process optimisation.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Production Processes and Materials**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates are research, scientific and managerial workers with complex education who can deal with a broad scale of problems concerning materials used in mechanical engineering, processing technologies (machining, forming, casting, welding) as well as tool and machine design for these technologies. They have the knowledge of application of classical and non-traditional processing technologies, and they have mastered modern ways of research using problem simulation on the models, for which they can verify the boundary and initial conditions in order to obtain the required precision of solution.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Quality of Production**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates possess the knowledge of tool application and planning methods, ensuring and management of production quality. They have mastered scientific methods of management and the philosophy of a complex approach to quality management (TQM); they have acquired the principles of independent and team work. They are able to analyse existing and design new progressive processes of quality improvement, and to implement quality management systems within the Standards STN EN ISO 9001:2001 or other models (EFQM and others).

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Radioelectronics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Information Technology**About the Programme:** Programme graduates gain a good knowledge of special parts of mathematics, physics and informatics. They are familiar with the theory of linear and non linear analog and digital electronic circuits (their analysis, synthesis and optimisation).**Tuition Fee:** 6,500 €/academic year**More information:** doc. Ing. Jarmila Pavlovičová, PhD.

jarmila.pavlovicova@stuba.sk

Programme: Sectoral and Branch Economics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Institute of Management**About the Programme:** Programme graduates gain the abilities necessary for solving complex problems of Sectoral and Branch Economics, presenting their results through publications, teaching and defence of final dissertation.**Tuition Fee:** 4,500 €/academic year**More information:** doc. Ing. Daniela Špírková, PhD.

daniela.spirkova@stuba.sk

Programme: Spatial Planning**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Institute of Management**About the Programme:** Programme graduates are familiar with scientific methods of description, analysis and evaluation of landscape areas from the point of view of landscape ecology, socioecology, historical development and social psychology. They are able to research the process of spatial development, and identify rules and natural regularities of its development. They can creatively propose new means of access to problems, new tools and methods for regulation of spatial development with the emphasis on sustainability. Graduates are able to propose new procedures, methods and means that can be used in planning, projection and management of spatial development of landscape areas and landscape as a whole.**Tuition Fee:** 4,500 €/academic year**More information:** doc. Ing. Daniela Špírková, PhD.

daniela.spirkova@stuba.sk

Programme: Structures in Architecture**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Architecture**About the Programme:** Programme graduates are familiar with research and development methods in the field of architecture. They are capable of individual creative work. They are prepared to analyse problems, find new ways of solving intricate projecting and development tasks. They are prepared to analyse tectonic and environmental concepts of works of architecture, and be a complex coordinator in structural systems design. They are innovators of using new building materials and technologies in architecture.

Tuition Fee: 6,500 €/academic year

More information: doc. Dr. Ing. arch. Henrieta Moravčíková
usarmoro@savba.sk

Programme: Technology of Polymer Materials

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: Programme graduates are familiar with scientific methods of research and development of new macromolecular materials on the basis of synthetic or natural polymers focused on development of novel polymer materials with new structure and new properties. They are also familiar with special methods of their characterisation and new specific technologies for their preparation.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk

Programme: Telecommunications

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering and Information Technology

About the Programme: The programme is focused on transmission and coding techniques, switching theory, signal processing and study of protocols and services. Graduates are able to use advanced research methods, work with literature and other knowledge sources, explain and present their thoughts in logical and pedagogic manner. They have a deep knowledge of basic theoretical disciplines, e.g. mathematics and also informatics tools and programming skills, as well as languages and management abilities.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Jarmila Pavlovičová, PhD.
jarmila.pavlovicova@stuba.sk

Programme: Theoretical and Computer Chemistry

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Chemical and Food Technology

About the Programme: Programme graduates are familiar with scientific methods of research and development of physics and chemistry. They have a deep knowledge of theoretical chemistry methods and scientific programming. They are able to develop theoretical formulations of TCC methods and effective computer codes. Their interdisciplinary knowledge allows them theoretical analysis and computational prediction of spectroscopic, electric, magnetic and other properties of molecules and their reactivity, the participation in chemistry research, solving problems of condensed and solid materials in biochemistry and molecular biology. Graduates are familiar with the scientific methods of research and development focused on developing new theoretical methods, algorithms, computer codes, computer simulations and their applications in various branches of chemistry, physics and biology.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Monika Bakošová, CSc.
monika.bakosova@stuba.sk

Programme: Theory and Environmental Technology of Buildings**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is focused on scientific methods of research of design, operation and evaluation of the systems of building environmental technology. It is based on physical processes of heat and mass transfer, and based on the mathematical description of these processes allowing modeling in virtual reality, and also the analysis in real operation conditions of buildings. The emphasis is put on the creation of health indoor environment by environmental technology (heating, ventilation, air-conditioning, cooling, lighting...), by optimal energy performance with high level application of the building automation systems.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Peter Makýš, PhD.peter.makys@stuba.sk**Programme: Theory and Structures of Buildings****Degree:** doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is aimed at various issues of scientific research of constructions of buildings and their indoor environment, both in theoretical and practical fields. The study is based on scientific description, laboratory and "in situ" experiments, their assessment, modelling, simulation and interpretation of the outcomes. Theoretic basis of the study course comes from mathematic modelling, building physics and other applied engineering research disciplines. Students can specialise in the field of advanced and innovative building constructions and materials, energy performance of buildings, in daylighting, air quality, fire safety of buildings, moisture problems, thermal and acoustic comfort in built environment, etc.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Peter Makýš, PhD.peter.makys@stuba.sk**Programme: Theory and Structures of Civil Engineering Works****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is focused on acquiring of scientific methods and knowledge of subjects of specialisations of study course CESTC on scientific level. The study programme contains also study of foreign languages, foreign publications, creating of software products and pedagogical activity. Scientific part of the study programme consists of solution of an actual scientific problem, publishing of the partial or final results in Slovak or foreign journals or proceedings of scientific events, co-operation in solution of scientific tasks of the grant projects and depending on the possibilities it consists also from study stays abroad and verification of the theoretical results in Slovak or foreign laboratories.

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. Peter Makýš, PhD.peter.makys@stuba.sk

Programme: Theory of Architecture**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Architecture

About the Programme: The programme is focused on methodological topics, philosophy, history and aesthetic bases in theory of architecture as well as the historical aspects of present and past architectural theories/styles within their Slovak, European and world context. Individual historical periods and the present time are analysed. The main target of this programme is to give graduates an opportunity to become a theoretician of architecture with a broad humanistic and artistic viewpoint. The graduate is prepared in scientific methods of research and development in the fields of Fine Arts and Architecture History and Theory. They are able to work individually on analysis of demanding tasks, investigate new areas of knowledge and/or original solutions of explorational and developmental projects.

Tuition Fee: 6,500 €/academic year**More information:** doc. Dr. Ing. arch. Henrieta Moravčíková

usarmoro@savba.sk

Programme: Thermal and Hydraulic Machines and Equipment**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates acquire the knowledge of scientific problems concerning the production, treatment, transformation, transport, accumulation, distribution and consumption of various forms of energy based on using and utilising fossil fuels and renewable forms of energy. In their theses they solve a scientific problem with a corresponding scientific contribution in the area of a wide spectrum of energetics (thermal power engineering, hydro power engineering, pumping technology, nuclear power engineering, metallurgy power engineering, VHAC [ventilation, heating, air conditioning], compressed air technology, heating systems, gas systems, combustion turbines, cogeneration devices, combustion engines, steam turbines, heating plants, electric power plants, non-traditional energy sources, heat pumps, refrigerating technology, energy economy, design, control).

Tuition Fee: 6,500 €/academic year**More information:** doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Transport Technology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates have mastered scientific methods of research and development in transport technology; they are able to design and develop measurement methods, measurement analysis, and simulation of operation conditions in the given field. They can apply theoretical knowledge in the execution of new units of transport machines and transport systems, to utilise scientific and objective methods in the design of transport technology components, groups and complete products. Graduates are capable of planning and performing experiments oriented to the research and verification of new knowledge within the area of their study programme, and of generalising the acquired theoretical and experimental results.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. František Urban, PhD.

frantisek.urban@stuba.sk

Programme: Urban Design and Town Planning

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Architecture

About the Programme: The programme enables its graduates to specialise in the urban aspects of architectural activities. Programme graduates are experts in the theory and philosophy of urban planning research. The programme is focused on scientific research methods in the field of Architecture and Urban Planning. It pays special attention on settlement and zonal urban dimensions with interdisciplinary aspects of research. Graduates are able to work individually and creatively, undertake new specific areas of knowledge in this field, and search for new original solutions of intricate tasks in research, development and projecting areas.

Tuition Fee: 6,500 €/academic year

More information: doc. Dr. Ing. arch. Henrieta Moravčíková

usarmoro@savba.sk

Programme: Water Resources Engineering

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Civil Engineering

About the Programme: The programme is focused on planning, development and management of water resources needed to meet the water needs of society and the environment. Methods needed for designing physical and non-physical infrastructure of the integrated management and protection of water resources cover the range from exploring the hydrologic cycle for estimating the amount and quality of the waters of the Earth through the study of hydrodynamics of the moving water to hydroecological aspects of water in nature and society. State-of-the-art technologies, laboratories and computer aided methods used in engineering science of hydrology and hydraulics, soil and groundwater, water resources planning and management, GIS applications to water resources, design of hydrotechnical and environmental structures, technologies and measures are being studied in a selection of courses.

Tuition Fee: 6,500 €/academic year

More information: doc. Ing. Peter Makýš, PhD.

peter.makys@stuba.sk

Technical University in Zvolen

Technická univerzita vo Zvolene

T. G. Masaryka 24, 960 53 Zvolen, Slovakia
www.tuzvo.sk



The Technical University in Zvolen follows very rich and very old tradition of technical university studies in Slovakia. It was founded in 1952 as the University College of Forestry and Wood Technology, and in 1991 the name of the university was changed to the Technical University in Zvolen. The University has a unique position in higher education system in Slovakia. It provides higher education in the field of forestry, wood sciences, ecology, manufacturing and environmental technology. The University does not belong to big Slovak universities. At present, almost 5,000 students study at the University. There are approximately 550 graduates of different study programmes every year.

The main mission of the University is to provide higher education in accredited study programmes as well as to develop scientific research in different fields, and to introduce it in practice. The University offers the possibility to study to all citizens of the Slovak Republic as well as to foreign students.

Faculties

Faculty of Ecology and Environmental Sciences	Fakulta ekológie a environmentalistiky	www.tuzvo.sk/fee
Faculty of Environmental and Manufacturing Technology	Fakulta environmentálnej a výrobnjej techniky	www.tuzvo.sk/fevt
Faculty of Forestry	Lesnícka fakulta	www.tuzvo.sk/lf
Faculty of Wood Sciences and Technology	Drevárska fakulta	www.tuzvo.sk/df

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Chemical Processing of Wood

Degree: Bachelor

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates obtain a good knowledge of primary technologies of wood processing, a detailed knowledge in the branch of chemical treatment of wood and biotechnologies. Graduates have basic skills in informatics and a basic knowledge of juridical, social and environmental sciences allowing them to manage the wood processing procedures and technological problems of the industries mentioned.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Construction of Timber Structures and Furniture**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are able to solve problems related to technical preparation, design, construction, and production of wood products including CAD and computer presentations. They can organise work and manage work teams. They are familiar with wood properties, materials, wood technologies and their valuation in wooden products. The programme includes the following subjects: mathematics, physics, chemical structure, properties and technology of wood and wooden materials, construction and design of wood structures, furniture and carpentry products, technology of wood structures, economy, ecology and environmental aspects.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Ecology and Land Use**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Ecology and Environmental Sciences

About the Programme: Programme graduates are able to manage the problems of mutual relations between biotic and abiotic components of natural ecosystems in the landscape (agroecosystems, forest ecosystems, water ecosystems) as well as between anthropogenic components of the landscape ecosystem (urban a.o. ecosystems, socioeconomic sphere). Graduates are able to apply their knowledge in areas where a basic knowledge on landscape ecosystems functioning is necessary for solving present problems related to landscape protection, and its rational use.

More information: Ing. Magdaléna Pichlerová, PhD.

mpichler@vsld.tuzvo.sk

Programme: Enterprise Management in Wood Processing Industry**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are prepared for managerial activities in organisations of all ownership forms. Graduates are able to work in operating, organisational, personal, financial, trade and marketing areas and to perform managerial positions on lower management levels in production and non-production sphere in domestic economic environment and in the Member States of the European Union.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Environmental Engineering and Information Technology**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Ecology and Environmental Sciences

About the Programme: The programme is focused on informatics, information and telecommunication technologies. Programme graduates are familiar with research methods of the environmental engineering aimed at the development of progressive

technologies of environmental components and environmental systems protection. They are also familiar with the risk evaluation, analytical and monitoring mechanics and environment protection of radioactive pollution influence. Graduates are able to solve partial problems of an elementary research individually.

More information: Ing. Magdaléna Pichlerová, PhD.

mpichler@vsld.tuzvo.sk

Programme: Environmental Management

Degree: Bachelor

Language: English

Faculty: Faculty of Ecology and Environmental Sciences

About the Programme: Programme graduates are familiar with scientific methods of environmental research, and are able to apply scientific results of natural, technical and social sciences into the management practice. They are able to create environmental conceptions and projects and propose implementation of environmental aspects into all areas of social life on the national and international level. They can create and lead educational programmes aimed at increasing of the environmental awareness of the society.

More information: Ing. Magdaléna Pichlerová, PhD.

mpichler@vsld.tuzvo.sk

Programme: Forestry

Degree: Bachelor

Language: English

Faculty: Faculty of Forestry

About the Programme: The programme is focused on theoretical and practical knowledge of biology, economics and technical subjects of general and forestry character. Programme graduates are familiar with basic principles of forest ecosystems, silviculture and forest management, and also with their exploitation and economic principles of forestry.

From the practical point of view, graduates are able:

- to use various kinds of instruments for forest surveying (tree and forest stand characteristics, forest stands area determination, mapping works, etc.)
- to implement effective technological methods of regeneration, tending and protection of the forest, harvesting and wood transport
- to evaluate wood assortment quality
- to implement basic principles of forest management, and to organise work at basic management units.

More information: doc. Dr. Ing. Viliam Pichler

pichler@vsld.tuzvo.sk

Programme: Furniture Design

Degree: Bachelor

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are creative experts, whose special profile includes a complex knowledge, know-how and crafts in the area of designer creation, in creative, technological and material aspect. The programme is based on the development of creative talent and achievements in the area of furniture design, creation, visual arts,

furniture construction, technologies of furniture production, ergonomics, ecology, computer drafting and communication design.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Furniture Production

Degree: Bachelor

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are familiar with general, technical and scientific studies, technical relations, structure and properties of wood and the transformation into respective products. The programme includes economic subjects and basics of marketing. The programme is focused on properties of materials and principles of processing. Special attention is devoted to specific technical and economic problems related to the production, including the questions of technical documents preparation.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Game Management and Protection

Degree: Bachelor

Language: English

Faculty: Faculty of Forestry

About the Programme: Programme graduates are able to solve basic practical tasks and problems of hunting and game management, managing and protection of free living animals populations, creating and protection of forest and field environment of game. They have necessary theoretical and practical knowledge of biological, technical and economical disciplines of general and special character (applied zoology, forestry, creation and utilising of agricultural landscape).

More information: doc. Dr. Ing. Viliam Pichler

pichler@vsld.tuzvo.sk

Programme: Industrial Engineering

Degree: Bachelor

Language: English

Faculty: Faculty of Environmental and Manufacturing Technology

About the Programme: The programme is focused on production and manufacturing systems, and their management. Programme graduates are familiar with technical ready-made modes of production, optimisation of production processes, and optimisation of technical, economic and organisational provision and control of manufacturing process. They are able to analyse risks of industrial activities, industrial accidents, emergency scheduling, risk management and predicament management.

More information: doc. Ing. Pavel Beňo, PhD.

beno@vsld.tuzvo.sk

Programme: Interior Design

Degree: Bachelor

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are inventive experts with a theoretical and practical knowledge of the field of interior creation ranging from making the design concept, up to realisation of works using the latest trends in interior furnishing, interior elements, materials, technologies and economy of design.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Management of Woodworking and Furniture Production

Degree: Bachelor

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are prepared for self-performing management positions especially in small and medium-size enterprises of wooden furniture making. They are able to perform economic analysis, to plan, organise and successfully manage transformation process of an enterprise.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Manufacturing Technology

Degree: Bachelor

Language: English

Faculty: Faculty of Environmental and Manufacturing Technology

About the Programme: The programme is focused on manufacturing technologies in selected areas of machine industry: Machines and Equipment for Consumption Industry; Technologies of Agricultural; Woodworking and Forestry Production; Technologies of Environmental Protection; Technologies of Exploitation of Alternative Sources of Energy; other environmental technologies as well. Programme graduates are production technologies specialist, especially in forestry, woodworking and environment. They are able to operate and repair machines and equipment used in forestry, woodworking and environmental technologies.

More information: doc. Ing. Pavel Beňo, PhD.

beno@vsld.tuzvo.sk

Programme: Nature Conservation and Biodiversity

Degree: Bachelor

Language: English

Faculty: Faculty of Ecology and Environmental Sciences

About the Programme: Programme graduates can work in nature protection organisations, in state authorities at lower level of management, in local authorities or non-governmental organisations of nature protection. They are able to solve tasks related to development projects and environmental protection projects.

More information: Ing. Magdaléna Pichlerová, PhD.

mpichler@vsld.tuzvo.sk

Programme: Operation of Machines and Equipment

Degree: Bachelor

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: The programme consists of scientific, technical and technological subjects. They provide graduates with a basic knowledge of wood structure and properties of wood, composite wood materials, technologies of wood processing, machine technological equipment for wood processing, operating of technological processes and production. During their studies, students can choose from optional subjects from the field of technical mechanics, electrical engineering, transport technology, energy and maintenance of machines and equipment.

More information: doc. Ing. Hubert Paluš, PhD.
hpalus@vsld.tuzvo.sk

Programme: Philosophy and Theory of Ecologisation

Degree: Bachelor

Language: English

Faculty: Faculty of Ecology and Environmental Sciences

About the Programme: This study programme is led in co-operation with the Faculty of Humanities of the Matej Bell University in Banská Bystrica. Units of this cross-sectional study programme follow on the knowledge of study branches of Philosophy and Ecology.

More information: Ing. Magdaléna Pichlerová, PhD.
mpichler@vsld.tuzvo.sk

Programme: Protection of Person and Property against Fire

Degree: Bachelor

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates have the knowledge necessary to manage institutional security structures, for person and property protection against fire. Graduates have a basic knowledge of technical equipment and security methods, and how to apply them in practice.

More information: doc. Ing. Hubert Paluš, PhD.
hpalus@vsld.tuzvo.sk

Programme: Technical Production and Primary Wood Processing

Degree: Bachelor

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are competent to evaluate and accept basic ecological coherences of the forest environment; they are familiar with the relations determining the distribution of wood stock in forests, resources and value of wood as a raw material, and complex activities connected with harvesting and transportation technology. They are able to plan and organise production activities, to comprehend the forest environment, and to understand methods of storage and manipulation of wood raw material. Graduates possess the knowledge of wood science and technologies of wood processing, particularly technologies of saw milling production, drying and hydrothermal treatment of wood, wood protection and production of wood composite materials. They are able to analyse the possibilities of harvesting and transportation technologies in forest economy, to solve technological and technical problems, and to manage effectively the machinery and equipment. Graduates are familiar with the basics of economy and management.

More information: doc. Ing. Hubert Paluš, PhD.
hpalus@vsld.tuzvo.sk

Programme: Transport and Manipulation Technology**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Environmental and Manufacturing Technology

About the Programme: The programme focuses on operation, running, service, repairs and maintenance of machines and equipment of transport and manipulation technology. It is focused on methods and procedures of machine and machine segments construction, especially of machines of transport and manipulation technology. Graduates are specialists in mechanical engineering and machine industry.

More information: doc. Ing. Pavel Beňo, PhD.

beno@vsld.tuzvo.sk

Programme: Wood Processing Technologies**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Wood Sciences and Technology

About the Programme: Programme graduates possess a good knowledge of wood processing technology, particularly the technology of saw milling production, wood drying, hydrothermal treatment of wood, wood protection, production of wood composite materials, wood structure, properties of wood and wood composite materials, a basic knowledge of construction economy and management. They are able to solve technological and technical problems, and to utilise the machinery and equipment effectively.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Woodworking Products Marketing and Trade**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are able to solve, analyse and assess problems and possibilities of business activities of trade, service and distribution companies in the area of wood-working products and marketing. Graduates possess the knowledge necessary for co-operation with managers and specialists from other companies and professions; they are familiar with information and technology systems, trade psychology and communication, communication with costumers, enterprise economics, finance, enterprise management, marketing, market research, business relations, trade operations, selling methods, innovations and trends in business quality, commodity expertise and their practical use. They have knowledge of forest products trade, interior design, furniture selling methods, commercial services and distribution of the wood-working products.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Master Level

Programme: Chemical Processing of Wood

Degree: Master

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates obtain a good knowledge of theoretical and applied sciences focused on pulp and paper production, retort processing of wood, and wood biotechnological and hydrolytic treatments. This, in combination with graduates' creative approach to information technologies and informatics, including a good survey in the field of juridical and environmental control, shall guarantee their ability to manage and solve technological problems in the field of chemical processing of wood and wood related materials.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Construction of Wood Products

Degree: Master

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates obtain a detailed knowledge of mathematics, applied physics, structure and properties of wood, theory of furniture construction, carpentry products and wood structures, interior and dwelling space design, safety, ecology and environment. They are able to solve problems of technical production, to prepare and carry out challenging projects creatively including CAD and computer presentations. They can organise work, and manage work teams.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Controlling and Quality

Degree: Master

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates have a good knowledge of business economy, management and quality control. They are specialised in the field of complex management of economic processes implementing instruments and methods of control and quality management using modern information systems. The aim of the study programme is to graduate business managers supporting the management decision making in industrial plants, business companies and public organisations.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Ecology and Land Use

Degree: Master

Language: English

Faculty: Faculty of Ecology and Environmental Sciences

About the Programme: Programme graduates gain the ability to solve problems related to this field of science independently, creatively, scientifically and complexly. They focus on landscape ecology, landscape protection and rational landscape use.

More information: Ing. Magdaléna Pichlerová, PhD.
mpichler@vsld.tuzvo.sk

Programme: Engineering of the Wood Processing Technique

Degree: Master

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates have a basic knowledge of structural, physical, chemical and mechanical properties of wood, technological operation of wood processing, economy, construction of furniture and creation of wood products. They have a good knowledge in the field of machines and equipment for primary and secondary wood processing, manipulating equipment and transport systems, design of production equipment for wood processing. Graduates are familiar with energetic utilisation of wood for heating or heat and electric energy in equipment. This knowledge together with the knowledge of economy, law and technical legislation, computing techniques and communication in foreign languages enable graduates to develop processes of mechanical wood working based on new techniques of wood processing, and to offer effective production systems for new productions with the minimal material and energy input in keeping with the environmental criteria valid in the EU countries.

More information: doc. Ing. Hubert Paluš, PhD.
hpalus@vsld.tuzvo.sk

Programme: Environmental Engineering and Information Technology

Degree: Master

Language: English

Faculty: Faculty of Ecology and Environmental Sciences

About the Programme: The programme is focused on informatics, information and telecommunication technologies. Programme graduates are familiar with research methods of the environmental engineering aimed at the development of progressive technologies of environmental components and environmental systems protection. They are also familiar with the risk evaluation, analytical and monitoring mechanics and environment protection of radioactive pollution influence. Graduates are able to solve partial problems of an elementary research individually.

More information: Ing. Magdaléna Pichlerová, PhD.
mpichler@vsld.tuzvo.sk

Programme: Environmental Management

Degree: Master

Language: English

Faculty: Faculty of Ecology and Environmental Sciences

About the Programme: Programme graduates are familiar with scientific methods of environmental research, and are able to apply scientific results of natural, technical and social sciences into the management practice. They are able to create environmental conceptions and projects and propose implementation of environmental aspects into all areas of social life on the national and international level. They can create and lead educational programmes aimed at increasing of the environmental awareness of the society.

More information: Ing. Magdaléna Pichlerová, PhD.
mpichler@vsld.tuzvo.sk

Programme: Fire and Rescue Services**Degree:** Master**Language:** English**Faculty:** Faculty of Wood Sciences and Technology

About the Programme: Programme graduates obtain a detailed knowledge in the field of legislation, system analysis, projecting and management. They are skilled in various analytical methods of judging and projection of security systems, they can manage special work teams, co-ordinate their performance and control in the more complex systems. They are also able to analyse safety situations on the scientific and creative basis and project suitable solutions for protection of persons and property, evaluate the quality of the solutions from the legal, technical and economic aspects. Graduates are trained to prepare and manage security and monitoring activities in critical situations. They can analyse the situation on the scientific basis, and project optimal solutions leading to protection of persons and property.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Forest and Mobile Technology**Degree:** Master**Language:** English**Faculty:** Faculty of Environmental and Manufacturing Technology

About the Programme: The programme is focused on designing and service of forwarding and handling systems of forest and mobile technology. It prepares experts, designers, business and management workers for wide spectrum of technical equipment, first of all of mobile working machines (utility tractors and tractors, ground and logging machines), machines for the transport and handling with materials (cranes, lift machinery, conveyers and so on) used especially in forestry management and woodworking industry. Graduates are familiar with resource computing technologies and computing graphics.

More information: doc. Ing. Pavel Beňo, PhD.

beno@vsld.tuzvo.sk

Programme: Forest Ecology**Degree:** Master**Language:** English**Faculty:** Faculty of Forestry

About the Programme: Programme graduates understand the problems of forest ecology and natural environment (forest pedology, meteorology and bioclimatology, ecology, phytology, genetics, abiotic and biotic monitoring, landscape ecology and forest protection, forestry and environmental policy). Graduates obtain the knowledge of integrated forest management, nature close silviculture, biogeography, landscape engineering, forestry environmentalists, forest management, forest, nature and landscape protection. Optional subjects enable students to adopt deeper knowledge of ecophysiology of forest trees and stands, forestry and ecological legislation, ecotoxicology, global changes, biogeography, land survey and remote land survey, geostatistics, permanently sustainable forestry development, biodiversity, forest decline, forest maintenance in protected areas, air pollution and other scientific fields.

More information: doc. Dr. Ing. Viliam Pichler

pichler@vsld.tuzvo.sk

Programme: Forestry**Degree:** Master**Language:** English**Faculty:** Faculty of Forestry

About the Programme: Programme graduates obtain an extended knowledge of and practical skills in special forestry disciplines and of fields focused on special methods of silviculture, forest protection and management, chronological logistic procedures, forest and its functions, valuation, management, financing and management of natural resources, projects and forest management products elaboration. Their profile makes them able to solve the most important problems of forest ecosystems and forestry practise. Graduates have the base necessary for building a scientific perspective. They can solve complex and specific forestry problems on all levels of management in governmental and private organisations, in governmental administration and in forestry organisations.

More information: doc. Dr. Ing. Viliam Pichler
pichler@vsld.tuzvo.sk

Programme: Furniture Design**Degree:** Master**Language:** English**Faculty:** Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are universal creative experts, whose professional profile includes both applied and theoretical knowledge, know-how and craftsmanship in the field of design and technical creation. The programme is based on further development of creative talent and achievements in the field of design furnishings, formation, visual arts, furniture construction, technologies of furniture production, human factors engineering, ecology, computer-aided and communication design.

More information: doc. Ing. Hubert Paluš, PhD.
hpalus@vsld.tuzvo.sk

Programme: Game Management and Protection**Degree:** Master**Language:** English**Faculty:** Faculty of Forestry

About the Programme: Programme graduates have deeper knowledge of the sustainable wildlife management with a focus on its modern ecological role, game and other vertebrate wildlife species conservation and management. The programme is focused on the “game-forest-agricultural land” relationships, the most important forest and wildlife animals’ species habitats, their planning and revitalisation, commercial issues, game management, game breeding and keeping as well as veterinary care.

More information: doc. Dr. Ing. Viliam Pichler
pichler@vsld.tuzvo.sk

Programme: Industrial Engineering**Degree:** Master**Language:** English**Faculty:** Faculty of Environmental and Manufacturing Technology

About the Programme: The programme is focused on production and manufacturing systems, and their management. Programme graduates are familiar with technical ready-made modes

of production, optimisation of production processes, and optimisation of technical, economic and organisational provision and control of manufacturing process. They are able to analyse risks of industrial activities, industrial accidents, emergency scheduling, risk management and predicament management.

More information: doc. Ing. Pavel Beňo, PhD.

beno@vsld.tuzvo.sk

Programme: Management and Financing of Forest Resources

Degree: Master

Language: English

Faculty: Faculty of Forestry

About the Programme: Programme graduates obtain the knowledge of the following areas: enterprise management, finance and financial management, marketing, wood and wood product trade, banking operations, economic information systems and accounting. Graduates can be employed as managers of companies interested in afforestation, anti-erosion and ecological projects, and reproduction of forest resources in Slovakia, as well as abroad.

More information: doc. Dr. Ing. Viliam Pichler

pichler@vsld.tuzvo.sk

Programme: Manufacturing Technology

Degree: Master

Language: English

Faculty: Faculty of Environmental and Manufacturing Technology

About the Programme: The programme is focused on manufacturing technologies in selected areas of machine industry: Machines and Equipment for Consumption Industry; Technologies of Agricultural; Woodworking and Forestry Production; Technologies of Environmental Protection; Technologies of Exploitation of Alternative Sources of Energy; other environmental technologies as well. Programme graduates are production technologies specialist, especially in forestry, woodworking and environment. They are able to operate and repair machines and equipment used in forestry, woodworking and environmental technologies.

More information: doc. Ing. Pavel Beňo, PhD.

beno@vsld.tuzvo.sk

Programme: Material Engineering

Degree: Master

Language: English

Faculty: Faculty of Wood Sciences and Technology

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Nature Conservation and Biodiversity

Degree: Master

Language: English

Faculty: Faculty of Ecology and Environmental Sciences

About the Programme: Programme graduates can work in nature protection organisations, in state authorities at lower level of management, in local authorities or non-governmental organisations of nature protection. They are able to solve tasks related to development projects and environmental protection projects.

More information: Ing. Magdaléna Pichlerová, PhD.
mpichler@vsld.tuzvo.sk

Programme: Technical Safety of Persons and Property

Degree: Master

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates have a good knowledge in the field of legislation, system analysis, projecting and management. They are skilled in various analytical methods of elaboration and projection methods of safety systems. They can manage special work teams and co-ordinate their performance and control, analyse safety situations on scientific and creative basis and project suitable solutions for protection of persons and property. They can evaluate the quality of solutions from the legal, technical and economic point of view. Graduates are able to analyse safety situation of buildings and project optimal solutions leading to the protection of persons and property.

More information: doc. Ing. Hubert Paluš, PhD.
hpalus@vsld.tuzvo.sk

Programme: Wood Science and Technology

Degree: Master

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates specialise in modelling of the production processes, development of techniques, technology, control systems, focused on efficient utilisation of wood as a raw material and development of new, progressive technologies for effective processing of wood. Graduates have a good knowledge of properties of materials and product construction. They are able to solve problems related to innovation processes and creation of new products. Graduates gain a good knowledge of structure and technologies of wood conversion into semi-finished wood products and regularities of these processes, of technology processes in wood conversion and development of new technologies and production methods for complex utilisation of wood and wood waste. They are able to analyse and solve complicated technical problems including technological processes and production planning, creation of new products, projects and management on all production levels. They are specialised in the development and construction of new products, design of wood structures and their manufacture wood-based panels, decorative materials, furniture, chemical processing of wood, energy systems, research and educational institutions.

More information: doc. Ing. Hubert Paluš, PhD.
hpalus@vsld.tuzvo.sk

Doctoral Level

Programme: Construction and Technology of Wooden Products

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are provided with a detailed theoretical knowledge in the field of mathematics, applied physics, structure and properties of wood and wooden materials and other materials used in furniture construction, carpentry products and wooden buildings. They are also skilled in the theory of wood structures, construction and design, in dimensioning and physical analysis, in the knowledge of interaction basics between structure, mechanical and physical properties of wood, technology of handling and properties of wood-working products and wood structures. The programme is focused on specific aspects of wood as a construction material in the design process, scientific research methods and research results evaluation, problem research and development processes that make higher quality and efficiency possible. The programme includes creation and design of furniture, wood structures and other woodworking products.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Ecology and Land Use

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Ecology and Environmental Sciences

About the Programme: Programme graduates gain the ability to solve problems related to this field of science independently, creatively, scientifically and complexly. They focus on landscape ecology, landscape protection and rational landscape use.

More information: Ing. Magdaléna Pichlerová, PhD.

mpichler@vsld.tuzvo.sk

Programme: Environmental Engineering and Information Technology

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Ecology and Environmental Sciences

About the Programme: The programme is focused on informatics, information and telecommunication technologies. Programme graduates are familiar with research methods of the environmental engineering aimed at the development of progressive technologies of environmental components and environmental systems protection. They are also familiar with the risk evaluation, analytical and monitoring mechanics and environment protection of radioactive pollution influence.

More information: Ing. Magdaléna Pichlerová, PhD.

mpichler@vsld.tuzvo.sk

Programme: Environmental Management**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Ecology and Environmental Sciences

About the Programme: Programme graduates are familiar with scientific methods of environmental research, and are able to apply scientific results of natural, technical and social sciences into the management practice. They are able to create environmental conceptions and projects and propose implementation of environmental aspects into all areas of social life on the national and international level. They can create and lead educational programmes aimed at increasing of the environmental awareness of the society.

More information: Ing. Magdaléna Pichlerová, PhD.

mpichler@vsld.tuzvo.sk

Programme: Forest and Landscape Ecology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Forestry

About the Programme: Programme graduates acquire competences necessary to conduct independent, creative and complex scientific research in the field of ecology of forest animals, woody plants and their ecosystems, biotic and abiotic components, biodiversity, ecological sustainability and stability of forest land – primarily from the viewpoint of material and energy fluxes and biotechnological cycles as necessary conditions for maintaining ecological balance, protection and creation of forest landscape and forest ecosystems aimed at their sustainable management based on causal relations, correlations and modelling of relevant systems.

More information: doc. Dr. Ing. Viliam Pichler

pichler@vsld.tuzvo.sk

Programme: Forest Management**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Forestry

About the Programme: Programme graduates are familiar with scientific research methods, development and practical realisation of sustainable forest ecosystems utilisation by application of all forest functions. The programme includes the following subjects: biometry, methods of remote sensing, growth relations of individual trees and forest stands, geoinformatics, forestry mapping, valuation of forest its components and functions, regulation and forecasting of forest resources development, forest management planning in multipurpose forestry, forest management information systems, GIS. Aim of the programme is to enlarge theoretical principles and practical methods applied in forest survey, forest production abilities and felling possibilities, natural, social, technical, ecological and economic conditions of management.

More information: doc. Dr. Ing. Viliam Pichler

pichler@vsld.tuzvo.sk

Programme: Forest Phytology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Forestry

About the Programme: Programme graduates are familiar with scientific methods of basic botanic research and ecological research extra considering the application in the taxonomy of lower and higher plants, genetics and physiology of forest plants, phytocenology and forestry typology, plants ecology, biodiversity retaining and genetic resources protection and forest woody plants cultivating. The programme includes disciplines from the following fields: physiology and ecophysiology of forest plants, patophysiology of forest woody plants, forest woody plant populations genetics, forest woody plants cultivating, forestry dendrology, forest botany, phytocenology, geobiocenology and forestry typology, geobiocenotic introduction to classification of forest communities, temperate forests phytogeography, forest ecology.

More information: doc. Dr. Ing. Viliam Pichlerpichler@vsld.tuzvo.sk**Programme: Forestry Ameliorations****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Forestry

About the Programme: The programme is focused on complex forestry amelioration measures in the landscape, on specific characteristics of small watersheds in mountainous and sub mountainous regions and on forest soils (40.6 % of Slovak Republic area). Graduates have the newest scientific knowledge of research and management methods in the field of landscape protection against damaging impacts of torrents, gullies, avalanches, floods, erosion, etc. Graduates are able to perform challenging and highly specialised activities, can work in managing positions with a focus on problems related to complex landscape protection.

More information: doc. Dr. Ing. Viliam Pichlerpichler@vsld.tuzvo.sk**Programme: Game Management and Protection****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Forestry

About the Programme: Programme graduates have a good knowledge of scientific research methods, methods of sustainable wildlife management with emphasis on its ecological, protective, breeding, commercial, recreational and cultural aspects. Special attention is given to the questions of biodiversity and gene pool conservation. Graduates can be an asset to wildlife conservation and management, primarily as managers or researches. They can find employment in state nature protection organisations, as well as ecological offices and companies.

More information: doc. Dr. Ing. Viliam Pichlerpichler@vsld.tuzvo.sk

Programme: Management and Financing of Forest Resources**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Forestry

About the Programme: Programme graduates have a theoretical knowledge needed for scientific work in the area of economics and management. Theoretical basis is provided by courses of macro- and microeconomics, forest economics and environmental economics. Graduates can work in the field of scientific research as well as in the international teams providing realisation of projects aimed at issues mentioned above.

More information: doc. Dr. Ing. Viliam Pichler

pichler@vsld.tuzvo.sk

Programme: Manufacturing Technology**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Environmental and Manufacturing Technology

About the Programme: The programme is focused on manufacturing technologies in selected areas of machine industry: Machines and Equipment for Consumption Industry; Technologies of Agricultural; Woodworking and Forestry Production; Technologies of Environmental Protection; Technologies of Exploitation of Alternative Sources of Energy; other environmental technologies as well. Programme graduates are production technologies specialist, especially in forestry, woodworking and environment. They are able to operate and repair machines and equipment used in forestry, woodworking and environmental technologies.

More information: doc. Ing. Pavel Beňo, PhD.

beno@vsld.tuzvo.sk

Programme: Nature Conservation and Biodiversity**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Ecology and Environmental Sciences

About the Programme: Programme graduates are able to manage scientific methods of the protected areas ecosystems research. They are able to apply scientific knowledge of natural, technical and social sciences into the practice of nature, landscape, biodiversity and environment protection. They are able to build up and lead research projects aimed at monitoring and scientific recognition of ecological processes in the protected areas and projects aimed at monitoring and research of human – nature relation. They are also able to apply scientific knowledge into independent creative activity and into alternative conflict situations to be solved between humans and nature as well as into working hypothesis verification related to the ecosystems ecological stability under changing ecological conditions.

More information: Ing. Magdaléna Pichlerová, PhD.

mpichler@vsld.tuzvo.sk

Programme: Protection and Safety against Fire**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Wood Sciences and Technology

About the Programme: Programme graduates are familiar with the methods of research and management. They are provided with a detailed knowledge which can be used for individual scientific and creative activity in the branch of safety and safety systems. They are able to use scientific methods of research, formulate scientific problems, and present research results. Graduates master disciplines in the field of fire protection and issues of fire and rescue services, rules of scientific work, application and verification of research results, scientific formulation of a problem, presentation of results, and also the development of the study branch so as to provide contribution to science and practice.

More information: doc. Ing. Hubert Paluš, PhD.hpalus@vsld.tuzvo.sk**Programme: Silviculture and Forestry Protection****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Forestry

About the Programme: Study part of the programme provides theoretical foundations, methodological tools and specialisations. Fundamental specific fields of study are: forest tree species and their communities, forest tree physiology, principles of the growth process and forest yield, growth, production and natural laws in a primeval forest, production of planting material, reforestation, natural and combined regeneration of forest stands, biodiversity of forest ecosystems, their resistance, elasticity and equitability. Related specialised fields of study are: differentiated silvicultural techniques according to forest categories and their integrated functions, silviculture following natural principles, and reconstruction of forest stands. The scientific part of the study programme is aimed at managing the scientific methods of problem solution, scientific formulation of a problem, analysis of acquired knowledge and its interpretation.

More information: doc. Dr. Ing. Viliam Pichlerpichler@vsld.tuzvo.sk**Programme: Techniques and Technologies of Forestry Production****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Forestry

About the Programme: Education in the programme integrates technical, technological, logistic and humanistic aspects of logging, transport and construction technologies of forestry. Programme graduates can be successful in pedagogical, strategic, project activities, in the international teams, solving global problems of the environment, but in communal and private sphere, too.

More information: doc. Dr. Ing. Viliam Pichlerpichler@vsld.tuzvo.sk

Programme: Technology of Wood Processing**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Wood Sciences and Technology

About the Programme: Programme graduates have a good knowledge of mechanical, physical, chemical and biological wood processing. They are familiar with scientific methods of research and development of progressive technologies of wood processing, and are able to improve current technologies. Graduates are preparing for improving and developing new technologies for complex and the most effective utilisation of wood substance in manufacturing of various wooden products, pulp, etc.

More information: doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Programme: Wood Structure and Properties**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Wood Sciences and Technology**More information:** doc. Ing. Hubert Paluš, PhD.

hpalus@vsld.tuzvo.sk

Technical University of Košice

Technická univerzita v Košiciach

Letná 9, 042 00, Košice, Slovakia
www.tuke.sk



The Technical University of Košice was founded in 1952. It is one of the best universities of technology on a national basis and a respected university of technology on the international scale. The University has a strong degree of autonomy, it develops scientific knowledge based on its own original findings, provides education on all three levels of tertiary education system as well as lifelong education. The University meets needs of industry region and society by its research substantially involved in providing services to general public. To provide scientific and technological knowledge basis, innovation and workforce, in order to form beneficial and sustainable future and high quality of life, the University supports innovative research and excellent education in all scientific branches of its faculties.

The number of students currently attending its nine faculties exceeds 16,000. Approximately 13,000 of them are full-time students, the rest are part-time students. There are almost 900 teachers, and the same number of research and administrative staff. The University closely cooperates with other universities, organisations and industry.

Faculties

Faculty of Aeronautics	Letecká fakulta	www.tuke.sk/tuke/faculties-1/lf
Faculty of Arts	Fakulta umení	www.tuke.sk/tuke/faculties-1/fu
Faculty of Civil Engineering	Stavebná fakulta	www.tuke.sk/tuke/faculties-1/svf
Faculty of Economics	Ekonomická fakulta	www.tuke.sk/tuke/faculties-1/ekf
Faculty of Electrical Engineering and Informatics	Fakulta elektrotechniky a informatiky	www.tuke.sk/tuke/faculties-1/fei
Faculty of Manufacturing Technologies in Prešov	Fakulta výrobných technológií v Prešove	www.tuke.sk/tuke/faculties-1/fvt
Faculty of Mechanical Engineering	Strojnícka fakulta	www.tuke.sk/tuke/faculties-1/sjf
Faculty of Metallurgy	Hutnícka fakulta	www.tuke.sk/tuke/faculties-1/hf
Faculty of Mining, Ecology, Process Control and Geotechnology	Fakulta baníctva, ekológie, riadenia a geotechnológií	www.tuke.sk/tuke/faculties-1/fberg

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Air Traffic Controller

Degree: Bachelor

Language: English

Faculty: Faculty of Aeronautics

About the Programme: Programme graduates are familiar with the essentials of mathematics and physics, end-user informatics, specialised subjects in aviation from the sphere of air traffic control, specialised subjects defined by the European aviation regulations for proficiency of flight operation services staff (European Air Traffic Management). They are ready to hold positions in air traffic services (ATS) and in aviation companies active within the air transport.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Kamila Ondová

kamila.ondova@tuke.sk

Programme: Applied Informatics

Degree: Bachelor

Language: English

Faculty: Faculty of Electrical Engineering and Informatics

About the Programme: Programme graduates are specialists in computer applications, information and telecommunication technology in industry. They have a basic knowledge of computers and programming, automatic control systems, information systems, communication networks and their implementation in practice. They have an essential theoretical knowledge and practical skills that can be utilised in practical engineering activities of medium level of difficulty.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Mgr. Milena Lešková

milena.leskova@tuke.sk

Programme: Architectural and Indoor Engineering

Degree: Bachelor

Language: English

Faculty: Faculty of Civil Engineering

About the Programme: Programme graduates are proficient in using mathematical and scientific principles to develop materials into systems that meet current demands. They focus on green building design, and are able to co-ordinate engineering systems in buildings, take care of primary needs such as structural architecture, indoor architecture, heat and air conditioning, ventilation, acoustics and lights.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Beáta Pavúková

beata.pavukova@tuke.sk

Programme: Automation and Process Control of Raw Materials Extracting and Processing**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Mining, Ecology, Process Control and Geotechnology

About the Programme: This study programme prepares experts for automation and control of technological and production processes mainly in mining industry at the automation level, and also in companies developing automatic, automated, information systems. Programme graduates have a basic knowledge of automated and automatic control systems, PLC, information systems (e.g. Promotic, WinCC, etc.) and their implementation in practice. They have essential theoretical knowledge and practical skills that can be utilised in practical engineering activities of medium level of difficulty.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Tatiana Makeľová

tatiana.makelova@tuke.sk

Programme: Civil Environmental Engineering**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: Programme graduates are proficient in using environmental and civil engineering knowledge to develop technologies of air, water and soil protection, waste processing and recycling. They are able to assess environmental impacts of activities and buildings, and to solve simple engineering projects in the field of landscape design, protection and revitalisation based on new legal regulations and state environmental policy.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Beáta Pavúková

beata.pavukova@tuke.sk

Programme: Computer Aided Mechanical Engineering Production**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Main aim of the programme is to solve problems connected with design and simulation of base manufacturing technologies – machining, forming, and welding. It covers all main phases of production process: design, computation and technology. Graduates gain knowledge of computational techniques, CA systems and CA technologies applied for both preparation and checking of production. Graduates possess the ability to apply, implement and operate production-technological systems.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Earth Resources Management**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Mining, Ecology, Process Control and Geotechnology

About the Programme: Programme graduates obtain the knowledge of mining economy and management and of individual branches of national economy. They have a good

knowledge of economy, management, information technologies, and good language and communication skills. Those are preconditions necessary for managerial and economic positions at every level of management. Graduates are able to cooperate with specialists of industrial branches. They have the knowledge of technology, legislation, logistics, marketing and economics.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Tatiana Makeľová

tatiana.makelova@tuke.sk

Programme: Finance, Banking and Investment

Degree: Bachelor

Language: English

Faculty: Faculty of Economics

About the Programme: The programme consists of three parts: 1) Finance includes an introduction to basic finance and furnishes graduates with useful skills, analytical tools, and perspectives which provide a sound basis for financial decision-making. 2) Banking prepares graduates to become successful in a branch which demands effective banking skills. Successful bankers are gregarious and assertive. The aim is to bring graduates in contact with real life banking problems, through which graduates also acquire a number of managerial techniques. 3) Investment covers investments and asset pricing, option and derivatives pricing, and portfolio management with applications to financial models and data. The objective of the programme is to provide graduates with the analytical skills necessary for careers in financial services and the functional area of financial management. Financial services include investment banks, commercial banks, real estate sector and developers, broking firms, independent financial advisers, insurance companies and related services.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Miroslava Pojerová

miroslava.pojerova@tuke.sk

Programme: Industrial Engineering

Degree: Bachelor

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: The programme provides special knowledge of technologies, techniques, management, marketing, informatics, as well as an appropriate knowledge of economics, law, natural and social sciences. Synthesis of this special knowledge provides qualification for successful solution of project, production, economic and managerial duties in the process of manufacture in large, medium and small enterprises. Programme graduates gain the knowledge necessary for systematic solution of particular problems on the level of production processes. They are able to analyse problems and possibilities launched in various industrial areas, propose simple solutions for increased promptness and operation efficiency, and thus increase economic efficiency of production processes.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Informatisation of Processes of Raw Materials Extraction and Processing**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Mining, Ecology, Process Control and Geotechnology

About the Programme: This study programme prepares specialists in computer applications and information technology in industry, in particular, raw materials extraction and processing. It includes basic subjects of related natural sciences, applied informatics, social sciences, and administration. This combination provides a complex knowledge of various processes in industrial enterprises.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Tatiana Makeľová

tatiana.makelova@tuke.sk

Programme: Manufacturing Technologies**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Manufacturing Technologies in Prešov

About the Programme: Programme graduates are prepared to arrange and manage the production in small and medium enterprises with various company profiles as conventional and non-conventional machinery applications. Graduates are prepared to solve technological problems of manufacturing, control and design of manufacturing machines, instruments, to cope with the technology of new materials treatment, new manufacturing technologies, as well as their applications.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Ing. Lucia Micháľová

lucia.michalova@tuke.sk

Programme: Mechanical Engineering**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: The programme prepares specialists in the area of mechanical systems design. It covers all main phases of production process: design, computation and technology. Graduates obtain a theoretical knowledge of the areas related to mechanical engineering and they are able to use CAD systems. Graduates are familiar with economy, organisation and business related to the activities in the area of mechanical production.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Mechatronics**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Mechatronics is an interdisciplinary scientific discipline dealing with computer controlled electromechanical systems, characterised by purpose controlling of general motion of their parts, by controlling their energy interactions and energy transformation into various forms. Their inseparable parts are the subsystems of the control

and regulation, which are based on microprocessor controlling in real time with high flexibility and reliability. Graduates are able to analyse problems and issues that occur in various areas of industry; they know how to design parts of the mechatronics systems in order to satisfy specified requirements.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Mining and Geotechnics

Degree: Bachelor

Language: English

Faculty: Faculty of Mining, Ecology, Process Control and Geotechnology

About the Programme: The programme is aimed at advanced mining techniques and technologies, drilling and blasting technologies using industrial explosives at building demolition, special tunnelling methods and underground constructions, and underground radioactive waste storage construction. The programme is also aimed at controlling mining technological process, mine and tunnel planning, underground lines construction and mining legislation.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Tatiana Makeľová

tatiana.makelova@tuke.sk

Programme: Professional Pilot

Degree: Bachelor

Language: English

Faculty: Faculty of Aeronautics

About the Programme: Programme graduates are familiar with the essentials of mathematics and physics, end-user informatics, specialised subjects in aviation from the sphere of aviation operations, specialised subjects defined by the European aviation regulations including the pilot proficiency in civil aviation. They are ready to hold positions of professional pilots in civil aviation in compliance with the European aviation regulations, and they can perform particular pilot functions with air transport companies.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Kamila Ondová

kamila.ondova@tuke.sk

Programme: Public Administration and Regional Development

Degree: Bachelor

Language: English

Faculty: Faculty of Economics

About the Programme: The programme consists of two parts: 1) Public administration provides an overview of the theoretical fundamentals and limits of modern public administration. It examines the conventional management functions in the legal sphere performed by public administrators as well as current issues and problems in the field. It provides a conceptual and practical framework for graduates wishing to proceed further with careers in the public sector and non-government organisations. 2) Regional development examines the dimensions and causes of regional growth and development, the theories that give explanation of the growth and decline of regional economies, and the policies and strategies used to endorse regional

development. The programme deals with programming and project management in the public sector with a special focus on regional and structural policy of the European Union. The objective of the programme is to provide graduates with analytical skills necessary for careers in public administration either at national, regional or municipal level, in the public sector and non-government organisations, as specialists in programming and strategic planning, etc.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Miroslava Pojerová

miroslava.pojerova@tuke.sk

Programme: Structural and Transportation Engineering

Degree: Bachelor

Language: English

Faculty: Faculty of Civil Engineering

About the Programme: Programme graduates can work in constructional operations, in a design office as an assistant of a site manager, designer, structural engineer, or as an expert solving the problems of traffic within the territorial plans, and those of transportation organisation and control, or in engineering geologic surveys.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Beáta Pavúková

beata.pavukova@tuke.sk

Programme: Technology and Management in Civil Engineering

Degree: Bachelor

Language: English

Faculty: Faculty of Civil Engineering

About the Programme: Programme graduates are qualified in civil engineering at various levels, for lower positions within the technical and production spheres as well as for engineering-technical positions of the economic sphere, at preparatory departments of investment constructions on behalf of investors, at project departments, at financial departments and at other departments relating directly or indirectly to civil engineering, building preparation, construction project management, construction supervision.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Beáta Pavúková

beata.pavukova@tuke.sk

Programme: Urban Water Management (Siedlungswasserwirtschaft)

Degree: Bachelor

Language: English, German

Faculty: Faculty of Mining, Ecology, Process Control and Geotechnology

About the Programme: The programme is provided in cooperation with partners from Germany, Austria and Croatia. It is taught by professors and lecturers from the partner institutions – universities and companies. The international character of the study programme allows students to be successful not only in Slovakia, but also to obtain working positions abroad.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year

More information: Tatiana Makeľová

tatiana.makelova@tuke.sk

Programme: Use of Alternative Energy Sources**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Mining, Ecology, Process Control and Geotechnology

About the Programme: The programme is aimed at the identification, quantification and practical usage of renewable energy sources (solar, wind, geothermal, water energy, biomass, etc.) as alternative energy sources and fuels (production of electrical energy and heat) used in municipal sphere and individual energetic systems for households or as alternative fuels. The programme is focused on environmental aspects, up-to-dateness and compatibility with European legislation and international obligations. Graduates acquire practical and theoretical knowledge of the alternative energy sources utilisation. They gain skills necessary for alternative energy sources identification and quantification, and also knowledge necessary for their utilisation.

Tuition Fee: full-time: 4,500 – 5,500 €/academic year; part-time: 2,000 – 3,000 €/academic year**More information:** Tatiana Makeľová

tatiana.makelova@tuke.sk

Master Level**Programme: Applied Mechanics****Degree:** Master**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: The programme is focused on solid-state mechanics and mechanics of elastic bodies. It covers subjects related to statics, dynamics and strength analysis, and also using modern software (ADAMS, ANSYS, MATLAB, AUTOCAD etc.), in modelling and simulation processes. Graduates have the knowledge in the field of analytical, numerical as well as experimental mechanics.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year**More information:** Iveta Frigová

iveta.frigova@tuke.sk

Programme: Architectural and Indoor Engineering**Degree:** Master**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is focused on the design of building systems including heating, ventilation, air conditioning, fire protection, lighting, and structural systems. Programme graduates are familiar with building architecture, indoor architecture, building and indoor materials, structures, heating, ventilating and air conditioning, acoustics, lighting and management. Building engineering is a large field, with many positions in all areas of Architectural and Indoor Engineering, particularly in design sustainable, green and smart buildings.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year**More information:** Viera Menyhertová

viera.menyhertova@tuke.sk

Programme: Automation and Control Equipments and Processes**Degree:** Master**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: The programme is focused on the design of control systems structures, analysis and synthesis of technical parts of control systems, automatic control theory, artificial intelligence, optimisation methods, and implementation of suggested algorithms in real time systems, especially for technical systems. Programme graduates can work at research and design, development, implementation of technical or software means, production and maintenance of complex technical and software systems of automatic control and measurement.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Computer Support of Mechanical Engineering Production**Degree:** Master**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates are able to solve material, technological and organisational tasks in modern mechanical engineering and electrical engineering production in a systematic and complex way. They have the knowledge of engineering informatics and automation, as well as the knowledge of economics, which enables them to solve problems in management and operation on all levels of production. Besides computer literacy, which has already become common, the study branch Computer Aided Systems in Mechanical Engineering Production extends the graduates' knowledge in the area of development of CAx technologies, and their implantation in the management of engineering production. Graduates of the study branch are able to fully handle CAx systems, computer aided systems in mechanical engineering, and they are able to become a full-value segment of a concurrent engineering system.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Earth Resources Management**Degree:** Master**Language:** English**Faculty:** Faculty of Mining, Ecology, Process Control and Geotechnology

About the Programme: The programme is based on subjects of social, scientific, economic, managerial, typological and technological bases of branches of the national economy, providing its graduates with the knowledge, skills and abilities in the field of economy and management, information technologies, language and communication skills that create opportunities for work in managerial and economic positions at every level of management. Programme graduates are able to analyse problems and possibilities of economy and management of companies managing extraction and utilisation of earth resources.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Tatiana Makeľová

tatiana.makelova@tuke.sk

Programme: Electric Power Engineering**Degree:** Master**Language:** English**Faculty:** Faculty of Electrical Engineering and Informatics**About the Programme:** The programme prepares specialists in electrical power networks and electric devices design. It includes advanced subjects in design, optimisation and control of power networks as well as power devices. This combination provides a complex knowledge of various processes in power industrial enterprises.**Tuition Fee:** full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year**More information:** Mgr. Milena Lešková

milena.leskova@tuke.sk

Programme: Environmental Structures**Degree:** Master**Language:** English**Faculty:** Faculty of Civil Engineering**About the Programme:** The programme was created to meet new trends and needs in civil engineering, design, municipal and public fields connected with design, management and control of environmental structures. The programme is focused on application of progressive procedures and techniques in environmental structures design, realisation and service in terms of sustainable development principles.**Tuition Fee:** full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year**More information:** Viera Menyhertová

viera.menyhertova@tuke.sk

Programme: Finance, Banking and Investment**Degree:** Master**Language:** English**Faculty:** Faculty of Economics**About the Programme:** The programme consists of three parts: 1) Finance includes an introduction to basic finance and furnishes graduates with useful skills, analytical tools, and perspectives which provide a sound basis for financial decision-making. 2) Banking prepares graduates to become successful in a branch which demands effective banking skills. Successful bankers are gregarious and assertive. The aim is to bring graduates in contact with real life banking problems, through which graduates also acquire a number of managerial techniques. 3) Investment covers investments and asset pricing, option and derivatives pricing, and portfolio management with applications to financial models and data. The objective of the programme is to provide graduates with the analytical skills necessary for careers in financial services and the functional area of financial management. Financial services include investment banks, commercial banks, real estate sector and developers, broking firms, independent financial advisers, insurance companies and related services.**Tuition Fee:** full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year**More information:** Miroslava Pojerová

miroslava.pojerova@tuke.sk

Programme: Industrial Engineering**Degree:** Master**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates have a special knowledge of projecting, production systems and processes, logistics, economy of enterprises, management, law, and social sciences. They are able to creatively apply gained knowledge at intermediate and top levels of management in the units of projecting, logistics, economy, and also there, where synergy of technical, economical, managerial, human and social skills are required. Graduates gain the knowledge of planning, projecting, management and implementation of complex production systems and also systems for providing services aimed at assurance of their high efficiency, reliability, safety and economy. They gain skills to organise and manage projects of company changes, and also to appropriately select and use methods that contribute to maximising the company achievements.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Informatics**Degree:** Master**Language:** English**Faculty:** Faculty of Electrical Engineering and Informatics

About the Programme: The programme prepares specialists in information technology applications in industry. It includes advanced subjects in applied computer and software engineering. This combination provides a complex knowledge of various processes in IT industrial enterprises.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Mgr. Milena Lešková

milena.leskova@tuke.sk

Programme: Informatisation of Processes of Raw Materials Extraction and Processing**Degree:** Master**Language:** English**Faculty:** Faculty of Mining, Ecology, Process Control and Geotechnology

About the Programme: The programme is focused on computer and information technology applications in industry, in particular, raw materials extraction and processing. It includes advanced subjects in related natural sciences, applied informatics, social sciences and administration. This combination provides graduates with a complex viewpoint on various processes in industrial enterprises.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Tatiana Makelová

tatiana.makelova@tuke.sk

Programme: Manufacturing Technologies**Degree:** Master**Language:** English**Faculty:** Faculty of Manufacturing Technologies in Prešov

About the Programme: Programme graduates are production professionals in small and medium enterprises, companies equipped with various types of conventional and non-conventional machinery. Graduates are prepared to solve technological problems of manufacture, to design manufacture machinery, instruments and jigs, to solve tasks of manufacturing control, to cope with the technology of new materials treatment, new manufacturing technologies as well as their applications.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Ing. Lucia Michálová

lucia.michalova@tuke.sk

Programme: Mechanical Engineering

Degree: Master

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: The programme is focused on the analysis, design, construction and review of large engineering devices in the area of mechanical engineering. Graduates gain the knowledge and experience with formulation of hypotheses, design of experiments, hypothesis verification and analysing the obtained data. They are able to solve complex problems of mechanical engineering and lead projects. Since they have a deep knowledge in the field of analytical, numerical and experimental methods of mechanics they are able to conduct research with a high degree of creativity.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Mechatronics

Degree: Master

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: Programme graduates are experts in the area of electro-mechanics. The programme is focused on engineering informatics and automation for engineering tasks related to complex system design, testing, production and operation of mechatronics systems controlled via distributed computer systems. Graduates are able to handle various tasks, e.g. design, construction and projection of machines, machine devices and systems with high functional, movement and manipulation abilities and mechanical accuracy controlled via modern automation and computer devices with application of artificial intelligence parts. They are also able to analyse, design and construct engineering solutions including mechatronic systems.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Multimedia Telecommunications

Degree: Master

Language: English

Faculty: Faculty of Electrical Engineering and Informatics

About the Programme: The programme prepares specialists in multimedia systems and communication technology applications in industry. It includes advanced subjects

in applied informatics, in fix and mobile networks and multimedia systems. This combination provides a complex knowledge on various processes in IT industrial enterprises.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Mgr. Milena Lešková

milena.leskova@tuke.sk

Programme: Power Machines and Equipment

Degree: Master

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: Programme graduates are machine specialists with a good knowledge of engineering informatics. They are able to solve engineering tasks in field of design, calculation, construction and production of energy machines and equipment.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Process Control of Raw Materials Extracting and Processing

Degree: Master

Language: English

Faculty: Faculty of Mining, Ecology, Process Control and Geotechnology

About the Programme: Programme graduates are experts in the field of higher automation and control of technological and production processes, mainly in mining industry at the level of automation, and also in companies producing automatic and automated information systems. They have an advanced knowledge of automated and automatic control systems, PLC, information systems (e.g. Promotic, WinCC, etc.) and their implementation in practice.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Tatiana Makeľová

tatiana.makelova@tuke.sk

Programme: Production Quality Engineering

Degree: Master

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: The programme provides the overview of existing management systems, their requirements and rules of system implementation in productive and non productive area. It is focused on practical application of the most progressive methods and quality management tools by using international standards.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Public Administration and Regional Development

Degree: Master

Language: English

Faculty: Faculty of Economics

About the Programme: The programme consists of two parts: 1) Public administration provides an overview of the theoretical fundamentals, substance, and limits of modern

public administration. It examines the conventional management functions in the legal sphere performed by public administrators as well as current issues and problems in the field. 2) Regional development examines the dimensions and causes of regional growth and development, the theories that give explanation of the growth and decline of regional economies, and the policies and strategies used to endorse regional development. The programme is dealing with programming and project managing in the public sector with a special focus on regional and structural policy of the European Union. The objective of the programme is to provide graduates with analytical skills necessary for careers in public administration either at national, regional or municipal level. It provides a conceptual and practical framework for students wishing to proceed further with careers in the public sector and non-governmental organisations, working as specialists in programming and strategic planning, using analytical methods and tools of regional and municipal policy.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Miroslava Pojerová

miroslava.pojerova@tuke.sk

Programme: Robotic Techniques

Degree: Master

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: Programme graduates are specialist in the field of automation and robotics equipment construction, mobile and service robots and design and management of production systems. They acquire a theoretical knowledge of robot construction including peripheral equipment, construction methodology, experimental methods and computer methods of modelling and simulation in virtual reality environment. Graduates verify acquired theoretical knowledge on their own engineering solutions designs of mobile and service robots for multiple purposes on robotic kit basis. Graduates are specialists in the field of production systems design. They acquire the knowledge of the theory and principles of robotic cells specialisation and high flexible production, production development and control, on-line and off-line programming of NC machines and robots, implementation of computer methods for e-production and simulation. They verify theoretical knowledge on training workstation with KUKA and OTC robots.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Safety of Technical Systems

Degree: Master

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: The programme provides the basic overview of Occupational Safety and Health at the workplace legislation, prevention procedures and rules of good practice. It is focused on technical safety, solutions of machine – man – environment systems, designing of technical systems, designing of prevention measures, prevention plans and emergency systems.

Tuition Fee: full-time: 5000 – 6000 €/academic year; part-time: 2500 – 3500 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Programme: Structural and Transportation Engineering**Degree:** Master**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is focused on the study of structures that are technologically demanding and dynamically strained, made of concrete, steel, wood and even newly developed materials. Graduates can work in planning and construction of transport structures, e.g. roads, railways, airports, streets, elevated railways, tunnels, underground spaces and other specialised structures.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Viera Menyhertová

viera.menyhertova@tuke.sk

Programme: Technology and Management in Civil Engineering**Degree:** Master**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is focused on application of progressive technologies in civil engineering. Graduates are able to work in design, realisation and service in terms of economy principles.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Viera Menyhertová

viera.menyhertova@tuke.sk

Programme: Technology of Environmental Protection**Degree:** Master**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates obtain the knowledge of informatics and skills in laboratory work. Graduates master foreign languages and possess the knowledge of economics, legislative. Graduates gain the knowledge of planning, projecting, management and implementation of complex production systems and systems for providing services aimed at assurance of their high efficiency, reliability, safety and economy. They have skills necessary to organise and manage projects of company changes and also to appropriately select and use methods that contribute to maximising company achievements.

Tuition Fee: full-time: 5,000 – 6,000 €/academic year; part-time: 2,500 – 3,500 €/academic year

More information: Iveta Frigová

iveta.frigova@tuke.sk

Doctoral Level

Programme: Aeronautical and Industrial Electronical Systems

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Aeronautics

About the Programme: The programme is focused on achieving theoretical knowledge and practical experience of current stage of research. Graduates adopt principles of individual and team scientific work, exploration, formulating problems, presentation of scientific results to be capable of analysing and solving complex and non-routine tasks in the field of electronics. Graduates are able to bring forth new solutions and monitor the latest scientific and research trends in electronics and continuously update the knowledge pool in the form of life-long study, capable of communicating and co-operating with managers of scientific projects and with specialists of other professions.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Vojtech Rajnec

vojtech.rajnec@tuke.sk

Programme: Aircraft Servicing

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Aeronautics

About the Programme: The programme is focused on managing scientific methods of research and development of transport facilities service in the field of their specialisation. Graduates are specialised either in engines vehicles or in aircraft. Programme graduates are able to solve the most demanding scientific-development tasks with the focus on building the diagnostic and control systems and aircraft operation, their testing and certification.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Vojtech Rajnec

vojtech.rajnec@tuke.sk

Programme: Applied Informatics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering and Informatics

About the Programme: Programme graduates acquire the knowledge based on the current state of scientific knowledge and through self creative activities contribute to the development as well as to new knowledge in this field. The aim of the programme is to educate experts possessing not only a complex knowledge, but also able to enrich the science and knowledge in the area of Applied Informatics. Graduates are able to accurately characterise and understand the phenomena and knowledge of these phenomena, to find their appropriate models and implement new applications in already mentioned specific disciplines in science, research and practise. Precondition of successful completion of doctoral studies is the ability to think abstractly, to apply the acquired knowledge and implement solutions of technical problems.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Oľšiaková

ivana.olsiakova@tuke.sk

Programme: Applied Mechanics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: The programme is focused on training highly-specialised scientists in research, development and practise where scientific knowledge of mechanics is applied. Their scientific erudition is focused mainly on the mechanics: development and improvement of analytic and numerical computing methods (finite element method, method of boundary elements, mesh less methods), theory of modelling and analysis of mechanical systems and construction, constitution relation with impact on linear and nonlinear behaviour of material, condition of marginal state of materials and bodies, mechanics of composite, smart and MEMS materials, stress analysis, analysis of coupled deformation and dynamic response of selected body classes included combined bodies, inverse tasks of mechanics and deformation of selected technologic processes, optimisation and contact tasks, interaction of constructions and environment, expert systems, mechanics of micro and nanosystems, dynamics of vehicles, machine devices. Graduates are educated in analytical, numerical and experimental methods of mechanics.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Mgr. Ľudmila Sabová
ludmila.sabova@tuke.sk

Programme: Artificial Intelligence**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Informatics

About the Programme: The programme is offered to Masters of Science in engineering fields as Artificial Intelligence, Informatics, Cybernetics and related domains. Programme graduates are able to conduct research in the area of Artificial Intelligence in theory and applications including expert systems, neural networks, fuzzy systems and evolutionary systems. Doctoral students are led to study Learning systems in theoretical and application domains.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková
ivana.olsiakova@tuke.sk

Programme: Business Informatics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Informatics

About the Programme: The programme is offered to Masters of Science in Business Informatics or related disciplines who wish to prepare for their future scientific research career. Programme graduates are able to clearly formulate an interesting scientific research problem, target objects and goals of the research resulting in clear progress in business informatics, and to solve the formulated problem with appreciation of social, ethical, legal and economic implications of this work.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková
ivana.olsiakova@tuke.sk

Programme: Cybernetics and Information-Control Systems**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Informatics

About the Programme: The programme is offered to Masters of Science in Cybernetics or related disciplines who wish to prepare for their future scientific research career. Programme graduates are able to clearly formulate an interesting scientific research problem, target objects and goals of the research resulting in clear progress in cybernetics and large-scale system control, and to solve the formulated problem with appreciation of social, ethical, legal and economic implications of this work.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková

ivana.olsiakova@tuke.sk

Programme: Electrical Engineering Systems**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Informatics

About the Programme: The programme is offered to Masters of Science in Electrical Engineering who wish to prepare for their future scientific research career in the branch of electrical engineering systems. Programme graduates are able to clearly formulate a scientific research problem, target objects and goals of research and progress in the branch of electrical engineering systems, and to solve the formulated problem with appreciation of progressive, scientific, social, ethical, legal and economic implications of research.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková

ivana.olsiakova@tuke.sk

Programme: Electrical Power Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Informatics

About the Programme: The programme is offered to Masters of Science in Electrical Engineering who wish to prepare for their future scientific research career in the area of electric power engineering. Programme graduates are able to clearly formulate a scientific research problem, target objects and goals of research and progress in the branch of electric power engineering, and to solve the formulated problem with appreciation of social, ethical, legal and economic implications of research.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková

ivana.olsiakova@tuke.sk

Programme: Electronics Measurement Systems**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Informatics

About the Programme: The programme is offered to Masters of Science in Electrical Engineering who wish to prepare for their future scientific research career in the area

of measurement and instrumentation. It has an interdisciplinary character. Programme graduates are familiar with selected problems of physics, sensoric and measurement theory hardware and software tools adapted for signal processing from the instruments with high precision. Good knowledge of modern information and communication technology allows researchers from this area to design instruments integrated in the multimedia information network. Graduates are able to clearly formulate a scientific research problem, and propose new methods and instruments able to acquire quantitative data by measurement in any research area with required accuracy and reliability.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková

ivana.olsiakova@tuke.sk

Programme: Engineering of Quality Production

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Metallurgy

About the Programme: Programme graduates have a deep knowledge of scientific methods of regulation and philosophy of comprehensive approach quality assurance and improvement (TQM). They are able to create vision in various situations, policy and strategy, to create communication links and unconventional methods in process-oriented systems. They are able to elaborate the business self-assessment procedures and develop non-traditional measures based on the diagnostic procedures improvement. They possess the knowledge of methodology processes analysis and metrology systems, and are able to explore and develop new, progressive methods. They can analyse existing and propose new integrated management systems and management information systems. Graduates have the knowledge and skills necessary to work in applied research and development of processes and products themselves, knowledge of implementation of integrated audits in different types of organisations.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Helena Cvoreňová

veda.hf@tuke.sk

Programme: Environmental Analytical Chemistry

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Metallurgy

About the Programme: The programme is based on the theoretical knowledge of analytical chemistry in combination with one or two topics from the following fields: Atomic and Molecular Spectroscopy; Electro-analytical Chemistry; Chromatographic Separation Methods; Electro-separation Methods; Methodology of Chemical Analysis of Environmental Systems and Biological Systems; Miniaturised Analytical Systems; Chemistry Metrology and Methodology of Experiments.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Helena Cvoreňová

veda.hf@tuke.sk

Programme: Environmental Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is offered to civil engineers who wish to prepare for their future scientific research career. Programme graduates are able to clearly formulate a scientific research problem, target objects and goals of research and progress in the branch of environmental engineering, and to solve the formulated problem with appreciation of social, ethical, legal and economic implications of research.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Alena Eperješiová

alena.eperjesiova@tuke.sk

Programme: Environmental Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: The programme prepares experts in research and development (R&D), and practise in applied scientific knowledge of environmental engineering. Graduates master scientific methods of R&D in environmental engineering with the focus on the development of progressive technologies of environmental protection and ecological system, risk assessment, analytical and monitoring technologies of the effect of toxic substances on natural and working environment, development of systems forming and protecting natural and working environment, application of information systems in environmental studies, projects proposals, research of economical aspects of environmental formation and protection and principles of progressive technical means for environment formation and protection. Graduates are familiar with the essentials of scientific and work management in the research group. They are able to find solutions of particular problem, know how to formulate scientific problems, critically evaluate published results in the monitored area and discuss opinions with scientific community.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Mgr. Ľudmila Sabová

ludmila.sabova@tuke.sk

Programme: Finance**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is mainly research oriented. The composition of the programme is designed to provide training in theoretical and empirical research methods in the field of finance. Graduates achieve deep understanding of the fundamentals of financial economics (asset pricing, macro- and micro-economics, public and corporate finance, investment), as well as the methodology (statistics, econometrics, empirical methods) essential to get a high level in research. The programme stimulates PhD students to engage in critical, innovative thinking, by encouraging them to participate at an early phase of their study in suitable international conferences and colloquia and following publishing their results in well respected journals.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Gerhartová

ivana.gerhartova@tuke.sk

Programme: Industrial Ceramics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Metallurgy

About the Programme: Programme graduates are familiar with inorganic technologies and materials, especially ceramic materials for new industrial and environmental applications and low waste technologies. The programme is focused on the most important aspects of production/preparation of ceramic materials, methods for their characterisation and testing, applications of ceramic materials in various industries (refractory materials for metallurgy, cement production and waste incinerators, chemical industry, ceramic tools, civil engineering), medical applications and environmental engineering.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Helena Cvoreňová

veda.hf@tuke.sk

Programme: Industrial Electrical Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Informatics

About the Programme: The programme is offered to Masters of Science in Electrical Engineering who wish to prepare for their future scientific research career or career of significant experts in the branch of industry electrical engineering. Programme graduates are able to clearly formulate a scientific research problem, target objects and goals of research and progress in the branch of industry electrical engineering, and to solve the formulated problem with appreciation of progressive, scientific, ethical, social, law and economic implications of research.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková

ivana.olsiakova@tuke.sk

Programme: Industrial Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: Programme graduates are capable of independent creative research that may be applied in work units dealing with prognostics, development of new technical systems and ways of their management, research and gaining new knowledge as well as in various scientific institutions. They have mastered scientific methods of research focusing on management, economics, scientific techniques of projecting production systems and processes, as well as prognosis techniques utilising information technology.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Mgr. Ľudmila Sabová

ludmila.sabova@tuke.sk

Programme: Infoelectronics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering and Informatics

About the Programme: The programme is offered to Masters of Science in Electronics, Telecommunication or Computer Science who wish to prepare for their future scientific research career. Programme graduates are able to clearly formulate a scientific research problem, target objects and goals of research and progress in the branch of infoelectronics, and to solve the formulated problem with appreciation of industrial and economic implications of research.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková

ivana.olsiakova@tuke.sk

Programme: Informatics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering and Informatics

About the Programme: The programme is offered to Masters of Science in Informatics who wish to prepare for their future scientific research career. Programme graduates are able to clearly formulate a scientific research problem, target object and goals of research and progress in the branch of informatics and computer engineering, and to solve the formulated problem with appreciation of social, ethical, legal and economic implications of research.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková

ivana.olsiakova@tuke.sk

Programme: Materials Science and Material Engineering

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Metallurgy

About the Programme: Programme graduates obtain a deep knowledge of internal structure and physical nature of engineering materials as well as their mechanical and working properties. They are able to apply their knowledge creatively in research and development of new materials and to analyse behaviour and properties of engineering materials in various working conditions. Graduates have a deep knowledge of structure, mechanical and physical properties of materials. They are able to creatively apply their knowledge in material research and design for various purposes. They have the ability and qualifications to handle conceptual, technology and application problems of materials production in the wide area of engineering materials.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Helena Cvoreňová

veda.hf@tuke.sk

Programme: Mechanical Engineering Technologies and Materials

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: The programme is focused on manufacturing technologies and materials – cutting, forming, welding, moulding, surface finishing technologies, progressive cutting and non-cutting machining operation, technologies of plastic processing and technologies of non-metal materials. Branches of the study are: modelling, simulation, optimisation and automation of set-out mode of production and automation of production

process, which are used and required in the mentioned technologies. Non-isolated part of study is the area of production control quality managing and metrology. Study extends theoretical knowledge in metallurgy, progressive technologies of cutting and non-cutting machining operation, automation of technological processes and possibilities of their application in mechanical companies.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information Mgr. Ľudmila Sabová

ludmila.sabova@tuke.sk

Programme: Mechatronics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: The programme is focused on solution of scientific engineering problems in the field of mechatronics, electronics, electrical engineering, mechanics and mechanical engineering, informatics and automatic control to the level of artificial intelligence. The main prerequisite is graduates' ability of abstract thinking, their interest and ability to apply knowledge of these fields in solutions of engineering problems using modern analytic and numerical methods and method of math modelling. Graduates are able to characterise, understand physical phenomena, conducts experiments, find adequate models and new applications in specific disciplines, science, research and praxis. Graduates obtain a theoretical knowledge and practical experience of scientific work; they are trained for independent scientific work in the area of synergic co-operation among electrical engineering, mechanical engineering, informatics, automation and control, metrology and sensor technology.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Mgr. Ľudmila Sabová

ludmila.sabova@tuke.sk

Programme: Mechatronics Systems

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering and Informatics

About the Programme: The goal of the programme is to integrate mechanical and electrical engineering and computer science into a programme preparing graduates conversant with all of the relevant technologies to create a modern, smart electro-mechanical product. Programme graduates are in high demand in the area of development of new devices, research opportunities exist in wire technologies for vehicles, robotics, bioengineering and other related industries. Graduates can, for example: a) design, develop, maintain and manage high-technology engineering systems for the automation of industrial tasks, b) apply mechatronic or automated solutions to the transfer of material, components or finished goods, c) apply advanced electronic control systems, which are usually computer-driven, d) design and assist in the manufacture of consumer products, such as cameras and video recorders, e) apply electronic and mechanical processes and computers to tasks where the use of human labour may be dangerous (e.g. underwater exploration, mining or forestry), f) carry out studies into the feasibility, cost implications and performance benefits of new mechatronics.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková

ivana.olsiakova@tuke.sk

Programme: Metallurgy of Metals**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Metallurgy

About the Programme: This study programme is focused on fundamentals of metallurgical processes, charge preparation for pig iron and steel smelting, foundry systems. It is also focused on metallic melts treatment, their casting and formation of metallic castings structures, processes foundry mould – metal; refractory lining – metal – slag; special foundry processes. Graduates propose new methods and approaches based on their own knowledge of processes fundamentals. Orientation on environmental friendly technologies is substantial. Programme graduates are familiar with the production of non-ferrous metals from ores and concentrates with the emphasis on waste recycling as well as the production of noble metals, their treatment and preparation of their alloys. Attention is paid to the technical and technological approach to non-ferrous and noble metals production with the emphasis on the ecologically feasible and environmental friendly processes. A part of the study programme is also bio-metallurgy, which deals with modern interdisciplinary methods of metal production using the abilities of living microorganisms.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year**More information:** Helena Cvoreňová
veda.hf@tuke.sk**Programme: Plastic Deformations****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Metallurgy

About the Programme: This study programme is focused on the development of theoretical basis and practical skills in special types of metal forming process or special technological problems of metal forming. Professional theoretical knowledge is supported by special courses of mathematics, technological courses and commercial software. Modelling of mechanical problems of technology, material engineering, thermodynamics, heat transfer and other fields are emphasised. Graduates are able to model, analyse and optimise metal forming processes and their technologies.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year**More information:** Helena Cvoreňová
veda.hf@tuke.sk**Programme: Power Machines and Equipments****Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Mechanical Engineering

About the Programme: The programme prepares experts in scientific research, development and practice in all fields and work places where scientific knowledge of power engineering machines and equipment is applied. Studies can be divided into following areas: development and improvement of analytical and numerical methods, theory modelling and analysis of various construction with the focus on linear and non-linear conduct material from the point of view of its applications in power engineering machines and equipment, applied mechanics fluid and gases, applied termomechanics and experimental methods. Programme graduates

are involved in individual or team scientific work, can scientifically formulate problem, analyse it and plan new solution. They are capable of new scientific research methods and development in this field, understand all associations and new approaches of acquiring different possibilities to energy production, its distribution, accumulation, use and waste disposal.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Mgr. Ľudmila Sabová

ludmila.sabova@tuke.sk

Programme: Process Control of Raw Materials Extraction and Processing

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Mining, Ecology, Process Control and Geotechnology

About the Programme: The programme prepares specialists in scientific research and development. It allows a postgraduate student and its scientific advisor to select a suitable combination of advanced subjects in related natural sciences, in applied informatics, in social sciences and process administration, in order to support the original research of a student and its implementation. Programme graduates are able to pursue independent research programmes at universities, in academic institutions, industrial enterprises and companies.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Tatiana Dubnická

tatiana.dubnicka@tuke.sk

Programme: Production Techniques

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: The programme broadens graduates' knowledge of engineering study by individual elaboration of theoretical approaches and procedures of production designing systems and robotic constructions on modular conceptions, robotic cells and flexible production systems projection and running conditions optimisation. Students participate on scientific and research projects of their academic institute with intensive use of creativeness. Students are led to individual activities of analysis, synthesis and optimisation of designed devices and systems with allowance of interrelationship and compatibility of construction modules, drivers, diagnosis and control systems with methods of computer intelligence and relations in a "man – machine – environment" system. Students compile concepts and principles of engineering solutions, their experimental models and verification on virtual and solid models. Scientific approach of dissertation work elaboration is based on CAx technologies of virtual prototyping utilisation including design calculation, life cycle management, modelling and simulation.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Mgr. Ľudmila Sabová

ludmila.sabova@tuke.sk

Programme: Progressive Materials and Technologies in Automotive Electronics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering and Informatics

About the Programme: Programme graduates are able to clearly formulate a scientific research problem, target objects and goals of research and progress in the branch of technologies

in electronics and material engineering, and to solve the formulated problem with appreciation of social, ethical, legal, and economic implications of research. They are familiar with scientific methods of material structures and systems evaluation from the point of view of technology of manufacturing, structure, lifetime, reliability, interoperation and output diagnostics and control as well as quality management.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková

ivana.olsiakova@tuke.sk

Programme: Safety of Technological Systems

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Mechanical Engineering

About the Programme: Programme graduates are familiar with scientific methods and approaches in the occupational safety area, research and evaluation of various effects over broad safety level, e.g. they deal with safety culture description and control as well as determination of particular indicators of its application and evaluation.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Mgr. Ľudmila Sabová

ludmila.sabova@tuke.sk

Programme: Telecommunications

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering and Informatics

About the Programme: The programme is offered to Masters of Science in Telecommunication who wish to prepare for their future scientific research career. Programme graduates are able to clearly formulate a scientific research problem, target objects and goals of research and progress in the branch of advanced telecommunication system, networks and services, and to solve the formulated problem with the appreciation of social, ethical, legal and economic implications of research.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Ing. Ivana Olšiaková

ivana.olsiakova@tuke.sk

Programme: Theory and Design of Engineering Structures

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Civil Engineering

About the Programme: The programme is offered to Masters of Science in Civil Engineering who wish to prepare for their future scientific research career. The theoretical basis of the study lies in the natural sciences, especially the physical and mathematical disciplines amplified in the field of mechanics, including dynamics. Programme graduates are able to clearly formulate a scientific research problem, target objects and goals of research and progress in the applied theoretical subject as structural engineering, dimensioning concrete, steel, pre-stressed and timber structures.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Alena Eperješiová

alena.eperjesiova@tuke.sk

Programme: Theory of Architectural and Indoor Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: Programme graduates deepen their knowledge of buildings. They are expected to have an educational background in disciplines such as architecture, building engineering, indoor engineering and structural engineering. The programme covers the basic aspects of architectural and indoor engineering: building materials, indoor sciences, building structures, green buildings and smart indoor technologies. Programme graduates are able to clearly formulate and solve scientific problems in the field of sustainable architecture and environmental indoor design.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Alena Eperješiová

alena.eperjesiova@tuke.sk

Programme: Theory of Technology and Management in Civil Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: The programme is offered to civil engineers who wish to prepare for their future scientific research career. Programme graduates are qualified for civil engineering at highest levels, for all positions within the technical and production spheres, as well as for the engineering-technical positions of the economic sphere, at preparatory departments of investment constructions on behalf of investors, at project departments, at research departments, at the local authority departments, at financial departments and at other departments relating directly or indirectly to civil engineering, building preparation, construction project management, construction supervision.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Alena Eperješiová

alena.eperjesiova@tuke.sk

Programme: Thermal Energetics**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Metallurgy

About the Programme: The programme is devoted to energy related problems in all spheres of the national economy. It prepares experts in the field of thermal processes, thermal energy transformation, thermal processes regulation, fuels combustion, utilisation of renewable and alternative energy sources in all areas of economy, in field of thermal processes regulation and automation with the active utilisation of the computer technology elements and microeconomics, programming, modelling and data processing.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Helena Cvoreňová

veda.hf@tuke.sk

Programme: Waste Treatment and Recycling**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Metallurgy

About the Programme: The base of the environmental engineering field is the theory and practice of metallurgical processes extended by ecological knowledge. This structuring allows graduates to acquire the knowledge of the fundamentals of industrial production which they can later apply in solving particular problems connected with innovation of existing technologies or their development but also problems connected with waste production, and developing new technologies for their treatment.

Tuition Fee: full-time: 6,000 – 7,000 €/academic year; part-time: 3,000 – 4,000 €/academic year

More information: Helena Cvoreňová
veda.hf@tuke.sk

Trnava University in Trnava

Trnavská univerzita v Trnave

Hornopotočná 23, 918 43 Trnava, Slovakia
www.truni.sk



The Trnava University was founded in 1992 in Trnava. It follows the principles of the Magna Charta Universitatum, ensuring universities their full independence from political and economic power, their freedom to research and to educate. The Trnava University follows Christian principles, wants to serve truth, freedom and the human ideals of mankind. In addition it wants to protect moral and spiritual values, to educate in the spirit of ecumenism, seeking to cooperate with universities, educational and research institutions in Slovakia and abroad.

Faculties

Faculty of Arts	Filozofická fakulta	http://fff.truni.sk
Faculty of Education	Pedagogická fakulta	http://pdfweb.truni.sk
Faculty of Health Care and Social Work	Fakulta zdravotníctva a sociálnej práce	http://fzasp.truni.sk
Faculty of Law	Právnická fakulta	http://iuridica.truni.sk
Faculty of Theology in Bratislava	Teologická fakulta v Bratislave	www.tftu.sk

List of study programmes provided in English or other foreign language

Doctoral Level

Programme: Laboratory Medicine

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Health Care and Social Work

Tuition Fee: 750 €/academic year

More information: doc. RNDr. Vladimír Bošák, CSc.
vbosak@truni.sk

Programme: Nursing

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Health Care and Social Work

Tuition Fee: 750 €/academic year

More information: doc. RNDr. Vladimír Bošák, CSc.
vbosak@truni.sk

Programme: Public Health**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Health Care and Social Work

About the Programme: Programme graduates are able to carry out professional activities in the area of health promotion and protection, primary prevention, epidemiology and research; formulate a research or evaluation proposal to address public health problems; communicate public health information and issues effectively to health professionals, and the public, through diverse communication channels; demonstrate the ability to discuss a public health problem scientifically.

Graduates gain the knowledge of epidemiology, statistics, health promotion and protection, prevention and environmental health.

Tuition Fee: 750 €/academic year**More information:** doc. RNDr. Vladimír Bošák, CSc.

vbosak@truni.sk

Programme: Social Work**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Health Care and Social Work**Tuition Fee:** 750 €/academic year**More information:** doc. RNDr. Vladimír Bošák, CSc.

vbosak@truni.sk

University of Economics in Bratislava

Ekonomická univerzita v Bratislave

Dolnozemska cesta 1, 852 35 Bratislava, Slovakia

www.euba.sk



The University of Economics in Bratislava founded in 1940 as the Higher School of Commerce, is one of the most important educational and research institutions in the Slovak Republic.

The University provides higher education in the field of economics, business and management in Bachelor, Master and Doctoral study programmes for full-time and part-time students. It offers 69 study programmes at three levels of higher education as established in the Bologna process. Approximately 700 teachers work and 14,000 students study at the University.

In addition to study programmes taught in Slovak language, the University offers also individual courses (subjects) and complete study programmes taught in English and in other foreign languages, e.g. in German and French, and in a smaller extent also in Spanish and Russian.

The development of international co-operation with universities, enterprises, and institutions from around the world is one of the priorities of the University. International mobility is provided under the Erasmus European programme and the CEEPUS Central European programme. The University co-operates with more than 260 universities from abroad through bilateral ERASMUS agreements, as well as within a framework of other agreements. The co-operation includes student and teacher mobility, common research projects, publications and participation in scientific conferences and workshops. The University has been involved in many international projects within the European Union programmes such as TEMPUS, Leonardo da Vinci, Erasmus, the European Social Fund and others.

Faculties

Faculty of Applied Languages	Fakulta aplikovaných jazykov	www.euba.sk/faj
Faculty of Business Economics in Košice	Podnikovohospodárska fakulta Košiciach	www.euke.sk
Faculty of Business Management	Fakulta podnikového manažmentu	http://fpm.euba.sk
Faculty of Commerce	Obchodná fakulta	http://of.euba.sk
Faculty of Economic Informatics	Fakulta hospodárskej informatiky	www.fhi.sk
Faculty of International Relations	Fakulta medzinárodných vzťahov	http://fmv.euba.sk
Faculty of National Economy	Národohospodárska fakulta	http://nhf.euba.sk

List of study programmes provided in English or other foreign language

Master Level

Programme: International Finance Management

Degree: Master

Language: German

Faculty: Institute of International Programmes

About the Programme: The programme is offered in cooperation with Martin Luther University in Halle-Wittenberg, Germany. Graduates are awarded two diplomas (Master of Science), one from each university. Graduates can work in managerial positions, e.g. in industrial and commercial enterprises; in financial and public administration institutions, etc.

Core courses (selection):

- International Financial Accounting; Decision Support Systems; International Corporate Finance; Finance and Currency Management; Financial Mathematics; Accounting; Monetary Institutions; Capital Market Theory; Business Finance; Risk International Finance; Introduction to the German and European Law; Financial policy; Monetary Theory and Policy; International Accounting; International Marketing; International Management; Controlling; International Financing

Tuition Fee: 3,000 €/academic year

More information: PhDr. Marta Nagyová

marta.nagyova@euba.sk

Programme: International Management

Degree: Master

Language: English

Faculty: Institute of International Programmes

About the Programme: Graduates are qualified for higher managerial positions in international companies. They have a good knowledge of corporate management in the international marketplace and international business management.

Core courses (selection):

- Business Information Systems; Corporate Risks; European Union; Financial Management; Human Resources in International Business; International Accounting; International Business; International Financial Management; International Management and Business; International Taxation; International Transport and Logistics; Management Simulations; Organisational Behaviour; Price Decision Making; Project Management; Strategic Management

Tuition Fee: 3,000 €/academic year

More information: Svetlana Valigurská

svetlana.valigurska@euba.sk

Programme: Management of Sales**Degree:** Master**Language:** French**Faculty:** Institute of International Programmes

About the Programme: The programme is offered in cooperation with the University Pierre Mendès France in Grenoble, France. Graduates are awarded two diplomas (Master of Science), one from each university. Graduates can work in managerial positions in international companies as experts in the area of commerce.

Core courses (selection):

- Purchase and Sale; Operations in International Commerce; Civil and Consumer Law; Distribution Management; Information Systems in Marketing; Communication in Marketing; Management; Price Decisions in Marketing; Consumer Theories and Practice; Culture in International Relations; Economies of the EU States; International Transport and Logistics; European Union's Internal Market; Active Sales; Economic Diplomacy and Protocol; Intercultural Communication in Commerce; Brand Management

Tuition Fee: 3,000 €/academic year

More information: Svetlana Valigurská

svetlana.valigurska@euba.sk

University of Prešov in Prešov

Prešovská univerzita v Prešove

UL. 17. novembra 15, 080 01 Prešov, Slovakia
www.unipo.sk



The University of Prešov in Prešov was established by the Legal Code on the breaking up of the Pavol Jozef Šafárik University in Košice that entered into force in 1997. Besides the research oriented laboratories that are equipped with leading technologies, the faculties and University centres also have other facilities at their disposal that are primarily focused on the educational process. Eight faculties of the University provide a huge variety of study branches and specialisations in the teaching and non-teaching courses at three levels of study – bachelor, master and doctoral. Educational activities at the University are carried out based on the creative research and the artistic activity of the University teachers who are involved in the fields of social sciences, natural sciences, theological sciences, arts, physical education and sports, management and health care.

The natural demographic basis of the University students is formed by the Eastern Slovakia region; however, the University is very clearly a higher education institution integrated into the national educational activities. Study at the University is carried out in the accredited study branches and their specialisations, and in the newly-accredited study programmes pursuant to the criteria of the Bologna process. The number of students has been rising since the establishment of the University. At present, more than 12,000 students are studying at the University of Prešov in Prešov.

Faculties

Faculty of Arts	Filozofická fakulta	www.unipo.sk/fakulty/filozoficka-fakulta
Faculty of Education	Pedagogická fakulta	www.unipo.sk/fakulty/pedagogicka-fakulta
Faculty of Health Care	Fakulta zdravotníctva	www.unipo.sk/fakulty/fakulta-zdravotnictva
Faculty of Humanities and Natural Sciences	Fakulta humanitných a prírodných vied	www.unipo.sk/fakulty/fakulta-humanitných-prirodných-vied
Faculty of Management	Fakulta manažmentu	www.unipo.sk/fakulty/fakulta-manažmentu
Faculty of Sports	Fakulta športu	www.unipo.sk/fakulty/fakulta-športu
Greek-Catholic Theological Faculty	Gréckokatolícka teologická fakulta	www.unipo.sk/fakulty/greckokatolicka-teologicka-fakulta
Orthodox Theological Faculty	Pravoslávna bohoslovecká fakulta	www.unipo.sk/fakulty/pravoslávna-bohoslovecká-fakulta

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: British and American Studies**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Arts (Institute of English and American studies)**About the Programme:** Graduates master the individual levels of the language system (phonetic and phonological, morpho-syntactic and lexical) and the functional styles of the language. They possess a basic knowledge of literary and literary-historical disciplines (theory of literature, selected chapters from a relevant non-Slavonic literature). They have assimilated basic literary procedures and interpretations of prose, drama and poetry.**Tuition Fee:** 2,000 €/academic year**More information:** doc. PhDr. Teodor Hrehovčík, CSc.

teodor.hrehovcik@unipo.sk

Programme: Dental Hygiene**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Health Care (Department of Dental Hygiene)**About the Programme:** Graduates have a complex theoretical knowledge of principles of dental hygiene and they are able to apply them in practice. This knowledge helps them in the prevention of oral diseases, in public enlightenment and motivation for healthy lifestyle, particularly in the field of oral healthcare.**Tuition Fee:** 2,000 €/academic year**More information:** PhDr. Ľubica Rybárová, PhD.

lubica.rybarova@unipo.sk

Programme: English in International Business and Intercultural Communication**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Humanities and Natural Sciences
(Department of English Language and Literature)**About the Programme:** Programme graduates are able to translate and interpret texts dealing with social, intercultural and political issues as well as texts on international business and tourism. In addition, the graduates have achieved an insight into the Essentials of marketing, management, economy, law, psychology and the issues of the European integration with regard to intercultural business communication.**Tuition Fee:** 2,000 €/academic year**More information:** doc. PhDr. Magdaléna Bilá, PhD.

magduska_bila@yahoo.com

Programme: German Language and Culture**Degree:** Bachelor**Language:** German**Faculty:** Faculty of Arts (Institut of German Studies)**About the Programme:** Programme graduates gain a basic knowledge of German culture, theory of translation and interpretation, develop their translation and interpretation skills.**Tuition Fee:** 2,000 €/academic year**More information:** PhDr. Júlia Paračková, PhD.

julia.parackova@unipo.sk

Programme: Midwifery**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Health Care (Department of Midwifery)**About the Programme:** Programme graduates gain university education in the field of midwifery with a focus on providing health care. This care is provided for women during the period of their pregnancy, during the delivery phase, and in the period following delivery; for the families of these women, as well as for specific groups and communities of women.**Tuition Fee:** 2,000 €/academic year**More information:** doc. PhDr. Iveta Kovalčíková, PhD.

iveta.kovalcikova@unipo.sk

Programme: Russian Language in the Economic Realm and Culture of Russia**Degree:** Bachelor**Language:** Russian**Faculty:** Faculty of Arts (Department of Russian Studies)**About the Programme:** The programme is focused on Russian culture, literature, and on gaining knowledge and skills related to the theory and practice of translation and interpreting.**Tuition Fee:** 2,000 €/academic year**More information:** prof. PhDr. Mária Čížmarová, CSc.

maria.cizmarova@unipo.sk

Programme: Spanish Language and Culture**Degree:** Bachelor**Language:** Spanish**Faculty:** Faculty of Arts (Department of Spanish Language and Literature)**About the Programme:** The programme is focused on practical activities connected with translation and interpretation. It can be studied as a single-subject study of Spanish language studies or in combination with a second foreign language. The core of this programme consists of the theory of translation, fine arts translation, professional translation (translation of functional and administrative texts from natural and social sciences, engineering, law, tourism, etc.), interpreting (simultaneous, consecutive, from the letter), historical and cultural background of Spanish-speaking countries.**Tuition Fee:** 2,000 €/academic year**More information:** Mgr. Elena Urbancová, PhD.

elena.urbancova@unipo.sk

Programme: Ukrainian Language and Culture**Degree:** Bachelor**Language:** Ukrainian**Faculty:** Faculty of Arts (Department of Ukrainian Studies)**About the Programme:** The programme is focused on Ukrainian culture, literature, and on gaining knowledge and skills related to the theory and practice of translation and interpreting.**Tuition Fee:** 2,000 €/academic year**More information:** prof. PhDr. Mária Čižmárová, CSc.

maria.cizmarova@unipo.sk

Master Level**Programme: British and American Studies****Degree:** Master**Language:** English**Faculty:** Faculty of Arts (Institute of English and American studies)**About the Programme:** Graduates master the individual levels of the language system (phonetic and phonological, morpho-syntactic and lexical) and the functional styles of the language. They possess a basic knowledge of literary and literary-historical disciplines (theory of literature, selected chapters from a relevant non-Slavonic literature). They have assimilated basic literary procedures and interpretations of prose, drama and poetry.**Tuition Fee:** 2,000 €/academic year**More information:** doc. PhDr. Teodor Hrehovčík, CSc.

teodor.hrehovcik@unipo.sk

Programme: German Language and Culture**Degree:** Master**Language:** German**Faculty:** Faculty of Arts (Institut of German Studies)**About the Programme:** Programme graduates gain linguistic and cultural competencies, necessary knowledge and special translational competence in translation and interpretation, and in bilateral consecutive and simultaneous interpretation in various thematic fields (politics, economy, law, natural and social sciences, medicine, technology, etc.), as well as the necessary rhetorical competence.**Tuition Fee:** 2,000 €/academic year**More information:** PhDr. Júlia Paračková, PhD.

julia.parachkova@unipo.sk

Programme: Russian Language in the Economic Realm and Culture of Russia**Degree:** Master**Language:** Russian**Faculty:** Faculty of Arts (Department of Russian Studies)**About the Programme:** The programme is focused on Russian culture, literature, and on gaining knowledge and skills related to the theory and practice of translation and interpreting.**Tuition Fee:** 2,000 €/academic year**More information:** prof. PhDr. Mária Čižmárová, CSc.

maria.cizmarova@unipo.sk

Programme: Spanish Language and Culture**Degree:** Master**Language:** Spanish**Faculty:** Faculty of Arts (Department of Spanish Language and Literature)

About the Programme: The programme is focused on enhancing theoretical knowledge and practical training in Spanish language. It can be studied as a single-subject study of Spanish language studies or in combination with a second foreign language. The core of this programme consists of the theory of translation, fine arts translation, professional translation (translation of functional and administrative texts from natural and social sciences, engineering, law, tourism, etc.), interpreting (simultaneous, consecutive, from the letter), historical and cultural background of Spanish-speaking countries.

Tuition Fee: 2,000 €/academic year

More information: Mgr. Elena Urbancová, PhD.
elena.urbancova@unipo.sk

Programme: Ukrainian Language and Literature**Degree:** Master**Language:** Ukrainian**Faculty:** Faculty of Arts (Department of Ukrainian Studies)

About the Programme: The programme is focused on Ukrainian culture, literature, and on gaining knowledge and skills related to the theory and practice of translation and interpreting.

Tuition Fee: 2,000 €/academic year

More information: prof. PhDr. Mária Čižmarová, CSc.
maria.cizmarova@unipo.sk

University of Sts. Cyril and Methodius in Trnava

Univerzita sv. Cyrila a Metoda v Trnave

Námestie Jozefa Herdu 2, 917 01 Trnava, Slovakia

www.ucm.sk



The University of Sts. Cyril and Methodius is a public higher education institution founded in 1997 in Trnava. The University is a dynamic and prospective higher education institution offering interesting and modern study programmes. It provides all three levels of higher education in different fields of social, economic, medical, legal, natural, humanity, pedagogical and historical sciences. The main ambition of the University is to achieve the highest level of the quality of education.

At present, none of the study programmes offered by the University of Sts. Cyril and Methodius can be studied in English or any other foreign language.

Faculties

Faculty of Arts	Filozofická fakulta	http://ff.ucm.sk
Faculty of Mass Media Communications	Fakulta masmediálnej komunikácie	http://fmk.ucm.sk
Faculty of Natural Sciences	Fakulta prírodných vied	http://fpv.ucm.sk/fpv/sk

More information: doc. PhDr. Martin Klus, PhD.
martin.klus@ucm.sk

University of Veterinary Medicine and Pharmacy in Košice

Univerzita veterinárskeho lekárstva a farmácie v Košiciach

Komenského 73, 041 81 Košice, Slovakia
www.uvlf.sk



The University of Veterinary Medicine and Pharmacy was founded in 1949 in Košice. In its departments, institutes and clinics it offers a broad background to domestic and foreign student for study in accredited study programmes at all three levels of university education. The University has about 1,800 students in each of the three levels of study in the full-time and part-time forms. About 200 of these students are foreign students who each year arrive at the University to study veterinary medicine in English language. The University offers its students a high level of practical preparation and permanent diagnostic and medical contact with animals on its clinics, university farm, special breeding centre, equestrian centre and animal, fish and bee diseases centre.

List of study programmes provided in English or other foreign language

Master Level

Programme: General Veterinary Medicine

Degree: Doctor of Veterinary Medicine (6 years; post bachelor studies – 4 years)

Language: English

About the Programme: Veterinary medicine is one of so-called regulated professions; therefore its studies must meet the demands of the European Union guidelines and the European Association of Establishments for Veterinary Education. The University meets the EU standards, and diploma awarded by the University is valid in all member states of the European Union. The programme is focused on the diagnostic, therapy and prevention of diseases of domestic, agricultural and exotic animals, on food industry, pharmacy and scientific research and on environmental protection. Students with Bachelor degree in agricultural, veterinary or biological sciences can apply for post bachelor studies.

Tuition Fee: 7,000 €/academic year

More information: prof. Ing. Oľga Ondrašovičová, CSc.
ondrasovicova@uvlf.sk

Doctoral Level

Programmes: Animal Hygiene and the Environment; Biochemistry; Food Hygiene; Immunology; Infectious Diseases of Animals; Internal Diseases of Horses, Small Animals and Poultry; Internal Diseases of Ruminants and Swine; Legal and Public Veterinary Medicine; Microbiology; Nutrition of Animals and Dietetics; Parasitic Diseases of Animals; Toxicology; Veterinary Morphology and Physiology; Veterinary Obstetrics, Gynaecology and Andrology; Veterinary Surgery, Orthopaedics and Roentgenology; Virology;

Degree: Doctorate (PhD.)

Language: English

Tuition Fee: full-time: 7,000 €/academic year; part-time: 3,500 €/academic year

More information: prof. Ing. Oľga Ondrašovičová, CSc.
ondrasovicova@uvlf.sk

University of Žilina in Žilina

Žilinská univerzita v Žiline

Univerzitná 1, 010 26 Žilina, Slovakia
www.uniza.sk



The University of Žilina, founded on 1 October 1953, is located in the north-west region of the Slovak Republic. The University has a long tradition of providing education in the fields of transport and communications. It is a higher education institution with a broad profile in many areas of science, technology, economics, management, and recently, educational and natural sciences. Its educational system is based on good theoretical knowledge and practical skills, communication skills, use of information telecommunication technologies, marketing, economics and law with the emphasis on future society needs.

The University of Žilina provides education at all three levels of higher education both in full-time and part-time forms. All its faculties provide a supplementary course of pedagogical studies for students and graduates.

Approximately 56,000 students have graduated from the University, of whom 1,500 are from abroad. At present, the University has seven faculties and seven institutes, where 800 university teachers are working. The University has more than 1,500 employees in total. Approximately 13,000 students are enrolled in all the university's various study programmes.

The University has established contacts with many universities abroad. University teachers and researchers participate in international education and research projects.

Faculties

Faculty of Civil Engineering	Stavebná fakulta	http://svf.uniza.sk
Faculty of Electrical Engineering	Elektrotechnická fakulta	http://fel.uniza.sk
Faculty of Humanities	Fakulta humanitných vied	http://fpv.uniza.sk
Faculty of Management Science and Informatics	Fakulta riadenia a informatiky	http://fri.uniza.sk
Faculty of Mechanical Engineering	Strojnícka fakulta	http://fstroj.uniza.sk
Faculty of Operation and Economics of Transport and Communications	Fakulta prevádzky a ekonomiky dopravy a spojov	http://fpedas.uniza.sk
Faculty of Special Engineering	Fakulta špeciálneho inžinierstva	http://fsi.uniza.sk

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Biomedical Engineering**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Electrical Engineering

About the Programme: Programme graduates gain technical and theoretical knowledge of medical disciplines in the field of biochemical, physiological and morbid physiological processes. They gain the knowledge of medical techniques, modern biomedical facilities, principles of its activities, operation conditions, and its safe using for diagnostic and medical purposes. Graduates gain a theoretical knowledge of physico-mathematical, natural, socio-disciplinary and other related fields.

Tuition Fee: 4,500 €/academic year**More information:** prof. Ing. Aleš Janota, PhD.

ales.janota@fel.uniza.sk

Programme: Civil Engineering**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Civil Engineering

About the Programme: Programme graduates can find employment as building managers, dispatchers of building manufacturers, or in buildings designing companies as well as in state civil administration, construction and trading companies.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Marián Drusa, PhD.

marian.drusa@fstav.uniza.sk

Programme: Informatics**Degree:** Bachelor**Language:** English**Faculty:** Faculty of Management Science and Informatics

About the Programme: The programme covers technical and managerial aspects of information and communication technologies. These kind of skills are valuable in current digital market. The programme covers courses from the following fields: informatics, business, networking, software design, and mathematics.

Tuition Fee: 4,500 €/academic year**More information:** doc. Ing. Michal Zábovský, PhD.

michal.zabovsky@fri.uniza.sk

Master Level

Programme: Air Transport

Degree: Master

Language: English

Faculty: Faculty of Operation and Economics of Transport and Communications

About the Programme: Programme graduates are prepared mainly in operational, technical and economic disciplines focused on specialised managerial positions in civil aviation.

They are familiar with processes of air traffic control; operations, aircraft maintenance and overhaul; airport operation; economics and business activities of air transport enterprises, etc. The programme covers the whole area of air transport operations.

Tuition Fee: 5,000 €/academic year

More information: doc. Ing. Andrej Novák, PhD.

andrej.novak@fpedas.uniza.sk

Programme: Biomedical Engineering

Degree: Master

Language: English

Faculty: Faculty of Electrical Engineering

About the Programme: Programme graduates gain technical and theoretical knowledge of medical disciplines in the field of biochemical, physiological and morbid physiological processes. They gain the knowledge of medical techniques, modern biomedical facilities, principles of its activities, operation conditions, and its safe using for diagnostic and medical purposes. Graduates gain a theoretical knowledge of physico-mathematical, natural, socio-disciplinary and other related fields.

Tuition Fee: 5,000 €/academic year

More information: prof. Ing. Aleš Janota, PhD.

ales.janota@fel.uniza.sk

Programme: Electric Drives

Degree: Master

Language: English

Faculty: Faculty of Electrical Engineering

About the Programme: Programme graduates gain knowledge in the field of power and applied electronics, programming, utilisation of computer techniques, electric drives, electric traction, electroenergetics, control of electric systems and information systems in electroenergetics.

They are familiar with the basics of economic s, law, psychology and quality management.

Tuition Fee: 5,000 €/academic year

More information: prof. Ing. Aleš Janota, PhD.

ales.janota@fel.uniza.sk

Programme: Information Systems

Degree: Master

Language: English

Faculty: Faculty of Management Science and Informatics

About the Programme: Programme graduates gain an advanced knowledge in the field of software systems, distribution systems, database systems, discrete simulation, and operation research. They have good technical skills

Tuition Fee: 5,000 €/academic year

More information: doc. Ing. Michal Záborský, PhD.
michal.zabovsky@fri.uniza.sk

Programme: Telecommunication and Radiocommunication Engineering

Degree: Master

Language: English

Faculty: Faculty of Electrical Engineering

About the Programme: Programme graduates gain knowledge in the field of telecommunications and information networks focused on digital networks with integrated services, transmission networks and optical systems, ground mobile networks, microwave radio and satellite communications, architecture of signalling systems, dependability and diagnostics of systems and networks. Graduates gain a theoretical knowledge of physico-mathematical, natural, socio-disciplinary and other related fields

Tuition Fee: 5,000 €/academic year

More information: prof. Ing. Aleš Janota, PhD.
ales.janota@fel.uniza.sk

Doctoral Level

Programme: Applied Informatics

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Management Science and Informatics

About the Programme: The programme prepares future researchers, scholars and teachers able to analyse and understand multi-faceted impact of information and communications technologies on individuals, organisations, and the society.

Tuition Fee: full-time: 6,000 €/academic year; part-time: 2,000 €/academic year

More information: doc. Ing. Michal Záborský, PhD.
michal.zabovsky@fri.uniza.sk

Programme: Electric Power Systems

Degree: Doctorate (PhD.)

Language: English

Faculty: Faculty of Electrical Engineering

About the Programme: Programme graduates are able to solve complicated engineering-scientific problems in the field of power electrical engineering. They have the latest knowledge of modern analytical and numerical methods, methods of mathematical and physical modelling, informatics, measurement of electrical and non-electrical quantities, micro-electronics, automatic and discrete control, artificial intelligence and other related fields.

Tuition Fee: full-time: 6,000 €/academic year; part-time: 2,000 €/academic year

More information: prof. Ing. Aleš Janota, PhD.
ales.janota@fel.uniza.sk

Programme: Electrotechnologies and Materials**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering**About the Programme:** Programme graduates are familiar with system evaluation from the point of view of processing technology, structure, operating life, reliability, buffering and output diagnostic and control, identification of basic physical properties of sublossy materials and final structures.**Tuition Fee:** full-time: 6,000 €/academic year; part-time: 2,000 €/academic year**More information:** prof. Ing. Aleš Janota, PhD.

ales.janota@fel.uniza.sk

Programme: Power Electrical Engineering**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering**About the Programme:** Programme graduates are able to solve complicated engineering-scientific problems in the field of power electrical engineering. They have the latest knowledge of modern analytical and numerical methods, methods of mathematical and physical modelling, informatics, measurement of electrical and non-electrical quantities, micro-electronics, automatic and discrete control, artificial intelligence and other related fields.**Tuition Fee:** full-time: 6,000 €/academic year; part-time: 2,000 €/academic year**More information:** prof. Ing. Aleš Janota, PhD.

ales.janota@fel.uniza.sk

Programme: Process Control**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering**About the Programme:** Programme graduates gain a scientific knowledge of control engineering of safety critical processes. They are prepared for independent problem solving of challenging tasks related to the design, development, view and verification of multi-level computer control systems of safety critical processes including safe transmission and process information at its control.**Tuition Fee:** full-time: 6,000 €/academic year; part-time: 2,000 €/academic year**More information:** prof. Ing. Aleš Janota, PhD.

ales.janota@fel.uniza.sk

Programme: Telecommunications**Degree:** Doctorate (PhD.)**Language:** English**Faculty:** Faculty of Electrical Engineering

About the Programme: Programme graduates gain a deep theoretical and methodological knowledge of and practical skills in telecommunications. They are familiar with the principles of independent and team scientific work, scientific research, formulations of scientific problems. Graduates are able to solve complex scientific problems, present scientific results, analyse and solve complicated and non-standard tasks in the field of telecommunications.

Tuition Fee: full-time: 6,000 €/academic year; part-time: 2,000 €/academic year

More information: prof. Ing. Aleš Janota, PhD.

ales.janota@fel.uniza.sk

State Higher Education Institutions

Academy of the Police Force in Bratislava

Akadémia Policajného zboru v Bratislave

Sklabinská 1, 835 17 Bratislava, Slovakia

www.akademiapz.sk



The Academy of the Police Force in Bratislava is a state university which was established in 1992.

The aim of the Academy is to prepare qualified professionals for the departments within the Police Forces of the Slovak Republic, as well as for the departments of Ministry of Interior of the Slovak Republic, and for other state and non-state security services institutions. Its goal is to support higher education, and scientific knowledge in research and study programmes.

In 2009, the Academy successfully accredited two main study programmes: Protection of persons and property; Security public-administration services. Study programme Protection of persons and property can be studied in all three levels of higher education. The programme is suitable for people who intent to work in the Police Forces of the Slovak Republic and other security services institutions. The study programme Security public-administration services can be studied in two levels of higher education (Bachelor, Master studies). The programme is suitable for people who intent to work in public administration.

The Academy is from its beginning an open university. Apart from the applicants from the Police Forces of the Slovak Republic, other security services institutions and people working in the public administration, the right to study at the Academy of the Police Force has each and every applicant who fulfils all requirements of the Academy.

At present, none of the study programmes offered by the Academy of Policy Force can be studied in English or any other foreign language.

More information: PhDr. Ladislav Mihálik
ladislav.mihalik@minv.sk

Armed Forces Academy of General Milan Rastislav Štefánik in Liptovský Mikuláš

Akadémia ozbrojených síl gen. Milana Rastislava Štefánika v Liptovskom Mikuláši

Demänová 393, 031 06 Liptovský Mikuláš, Slovakia

www.aos.sk



The Armed Forces Academy of General Milan Rastislav Štefánik is a state higher education institution of the university type. It is the only higher education institution in Slovakia preparing higher-educated officers for the service in the Armed Forces of the Slovak Republic.

The mission of the Academy is to educate, inspire and motivate its students – future officers – for the service to their country prioritising the values such as commitment, responsibility, honour to personal interests, and being prepared for continuous professional growth during the service of an officer.

Apart from providing education in all three levels of higher education and military training of cadets, the Academy provides further education in career, professional and specialised courses for military and non-military personnel in the area of security, defence, crisis management, and training of selected civil university graduates having joined army as professional soldiers in preliminary state service. International staff training is provided by International staff officer's course.

The mission of the Academy is to develop scientific research activities that will meet the needs of NATO, EU and the Slovak Republic.

At present, none of the study programmes offered by the Armed Forces Academy of General Milan Rastislav Štefánik can be studied in English or any other foreign language.

More information: Mgr. Pavlína Adamíková
pavlina.adamikova@aos.sk

Slovak Medical University in Bratislava

Slovenská zdravotnícka univerzita v Bratislave

Limbová 12, 833 03 Bratislava, Slovakia
www.szu.sk



The Slovak Medical University in Bratislava is a higher education institution proudly keeping the tradition of education of healthcare workers in specialised studies and continuous life-long education in Slovakia. The University is a state higher education institution acting under the Ministry of Health of the Slovak Republic founded in 2002 in Bratislava.

The University provides monothematic education for healthcare professions in all three levels of higher education, and complex education of healthcare workers in Slovakia under various names since 1953.

It leads students towards adherence to the Hippocratic Oath, protection of life and health from conception until dignified natural death.

At present, none of the study programmes offered by the Slovak Medical University can be studied in English or any other foreign language.

Faculties

Faculty of Health in Banská Bystrica	Fakulta zdravotníctva v Banskej Bystrici	http://eng.szu.sk/index.php?&menu=208
Faculty of Medicine	Lekárska fakulta	http://eng.szu.sk/index.php?id=378
Faculty of Nursing and Professional Health Studies	Fakulta ošetrovateľstva a zdravotníckych odborných štúdií	http://eng.szu.sk/index.php?&menu=198
Faculty of Public Health	Fakulta verejného zdravotníctva	http://eng.szu.sk/index.php?&menu=202

More information: Mgr. Eva Chmelárová
eva.chmelarova@szu.sk

Private higher education institutions

Bratislava International School of Liberal Arts in Bratislava

Bratislavská medzinárodná škola liberálnych štúdií v Bratislave

Gröslingova 53, 811 09 Bratislava, Slovakia

www.bisla.sk



The Bratislava International School of Liberal Arts (BISLA) opened its doors in September 2006 as an accredited three-year degree-granting undergraduate college. Its core curriculum is based on political science with offerings also in other social science disciplines and the humanities: history, philosophy, sociology, anthropology, and theatre and fine arts and literature. Together with BISLA, the Bratislava Institute of Humanism (BIH) was established. Its aim is to mount public lectures and debates on intellectual, social, and political issues concerning Slovakia.

BISLA is a small college – in space and in number of students and staff. Accredited by the state authority, it receives no public funding. Tuition, foundation grants, and other private contributions provide BISLA operating revenue. BISLA's students are mostly Slovaks. The college welcomes international students, too. Half the courses are taught in Slovak, half in English to prepare BISLA students for postgraduate education in Slovakia and abroad, and for work in whatever country. The educational programme is based on a mix of small seminars, tutorials and lecture classes, and practical, supervised fieldwork. Emphasis is placed upon continuing intellectual interactions among and between students and faculty inside and outside the classroom. As an intellectual community, BISLA is energised also by scholarly research and publication activities.

More information: doc. Mgr. Martin Kanovský, PhD.
bisla@bisla.sk

College of Management in Trenčín



Vysoká škola manažmentu v Trenčíne

Bezručova 64, 911 01 Trenčín, Slovakia/Panónska cesta 17, 851 04 Bratislava, Slovakia
www.vsm.sk

The College of Management was founded in 1999 as the first private college in Slovakia. The founding partner of the College of Management is City University of Seattle, which has been successfully offering its business curricula in Slovakia since 1991. The College of Management in co-operation with the City University of Seattle offers the Bachelor of Science in Business Administration (BSBA) and Master of Business Administration (MBA) programmes, and its diplomas are accredited in the USA by Northwest Commission on Schools and Universities (NWCCU).

After obtaining a diploma from the College of Management, graduates can expand their knowledge in practice or they can decide to continue studying City University of Seattle programmes for one additional academic year in order to obtain the American Diploma of Bachelor of Science in Business Administration, and consequently next two years to receive the Diploma of Master of Business Administration (MBA).

The College of Management is a private non-profit institution of higher education. Its mission is to offer high quality and relevant lifelong education to anyone with the desire to learn.

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Business Administration

Degree: Bachelor

Language: English

About the Programme: The programme is offered by the College of Management in cooperation with the City University of Seattle. The programme is built on a solid core of management education combined with coursework that provides a broad understanding of business, and surveys the contemporary business disciplines of accounting, finance, marketing, economics, law and international relations. Students during studies strengthen their communication skills and decision-making, and learn about the importance of behavioural factors in business.

Tuition Fee: 2,300 €/academic year

More information: Bratislava – Martina Minarčíková – mminarcikova@vsm.sk
Trenčín – Lukáš Frývaldský, M. B. A. – lfryvaldsky@vsm.sk

Master Level

Programme: Business Administration

Degree: Master

Language: English

About the Programme: The programme is focused on advanced professional business education; it helps students to become recognised as leaders at all levels of an organisation. Students have during their studies the opportunity to develop orientation, skills, and confidence to think strategically, take initiative, and get results by motivating others. The programme uses a mix of new and traditional teaching methods, including self-assessment, simulation, and work with real organisations. Students learn from academically-qualified instructors with extensive practical experience in subjects they teach.

Tuition Fee: 2,500 €/academic year

More information: Bratislava – Martina Minarčíková – mminarcikova@vsm.sk
Trenčín – Lukáš Frývaldský, M. B. A. – lfryvaldsky@vsm.sk

Doctoral Level

Programme: Knowledge Management

Degree: Doctorate (PhD.)

Language: English

About the Programme: We cannot just possess findings and knowledge, but we have to systematically and effectively use them and develop. Two consequences follow from the above statement: grow of the social role of science and research, and the need of fast and effective use of gained knowledge in practise. This means that new findings and knowledge shall be not only gained professionally, but also professionally organised and managed. The development of methods and techniques of their accumulation, accessibility, organisation, assessment, protection and further executive functions belong among knowledge management task and challenges.

Tuition Fee: 3,000 €/academic year

More information: Bratislava – Martina Minarčíková
mminarcikova@vsm.sk

Dubnica Institute of Technology in Dubnica nad Váhom

Dubnický technologický inštitút v Dubnici nad Váhom

Ul. Sládkovičova 533/20, 018 41 Dubnica nad Váhom, Slovakia
www.dti.sk



Dubnica Institute of Technology in Dubnica nad Váhom is a private institution of higher education of non-university type founded in 2006. Its main aim is to organise and provide higher education in accredited study programmes, support creative research, and provide further education by wide variety of courses and educational activities. The Institute is focused on the production and spreading of knowledge and innovations in the field of applied study programmes and research disciplines. Its main aim is to contribute to the building of sustainable and competitive Slovak economy. The Institute co-operates with home and foreign universities, entrepreneur society, public sector and non-governmental organisations and participates in international projects in order to fulfil this aim.

At present, none of the study programmes offered by the Dubnica Institute of Technology can be studied in English or any other foreign language.

More information: Ing. Miroslava Hrvolová
hrvolova@dti.sk

International School of Management Slovakia in Prešov

Vysoká škola medzinárodného podnikania ISM Slovakia v Prešove

Duchnovičovo námestie 1, 080 01 Prešov, Slovakia

www.ismpo.sk



The International School of Management Slovakia in Prešov (ISM) is a private non-university institution of higher education founded in 2005.

Mission of this institution is to prepare professionals employable on the European labour market. ISM Slovakia provides students with up-to-date information, useful multidimensional knowledge and skills in the fields of economics, economy, social sciences and humanities. ISM supports creativity and contributes to the growth of the level of education and culture in Slovakia. Offering high-quality, attractive and flexible study programmes ISM Slovakia in Prešov has established itself as an educational institution exploring international, social, educational and other interdisciplinary dimensions of business. Educational process for 1,000 students is being provided by 39 lecturers. ISM Slovakia in Prešov offers three Bachelor and one Master study programmes (can be studied in English).

In the field of research ISM Slovakia in Prešov has been predominantly dealing with its own institutional projects, especially related to the fields of economics, management, social sciences, economic and entrepreneurial ethics. The results of its research are being regularly presented on both home and international conferences, and published in monographs and specialised magazines both in Slovakia and abroad.

ISM Slovakia has an ambition to participate actively in international projects. It supports international mobility of students, university teachers and researchers.

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Economic and Business Ethics

Degree: Bachelor

Language: English

About the Programme: Programme graduates are able to analyse and solve ethical problems; they have a good theoretical background and basic knowledge of all disciplines of general and applied ethics. It helps them to identify and understand the function of ethical values in human life as well as make decisions in moral conflicts occurring in everyday life, economic and business practice. Graduates acquire a basic knowledge of psychology, sociology, theory of culture and communication techniques which enable them effectively cooperate with managers in their own specialisation and with experts from other professions too.

Tuition Fee: 425 €/semester

More information: Mgr. Katarína Polačková
studijne@ismpo.sk

Programme: International Entrepreneurship in Trade and Services**Degree:** Bachelor**Language:** English

About the Programme: Programme graduates are able to analyse business problems and possibilities in various types of enterprises, tourism and service enterprises. They have solid background knowledge of psychology, communication and information systems, and good language competence. The programme offers a basic knowledge of corporate economy, finance, management, entrepreneurship, trade operation and services. Programme graduates are prepared to cope with a wide range of professional tasks related to business activities. They have a good command of two foreign languages, which is absolutely inevitable from the viewpoint of Slovak membership in the EU and presence of the Slovak Republic on the international economic market.

Tuition Fee: 680 €/semester

More information: Mgr. Katarína Polačková
studijne@ismpo.sk

Programme: Social Services and Consultancy**Degree:** Bachelor**Language:** English

About the Programme: Programme graduates have a basic knowledge of social services and consultancy, state administration, municipalities, non-state and non-profit organisations in the field of social policy. Graduates are prepared to carry out activities connected with social consultancy, legal issues, social prevention, crisis prevention, establishing, coordinating and organising of various social services.

Tuition Fee: 425 €/semester

More information: Mgr. Katarína Polačková
studijne@ismpo.sk

Master Level**Programme: Ethics of Public Relations and Business Protocol****Degree:** Master**Language:** English

About the Programme: Programme graduates are prepared to be actively involved in the environment of trade and business, but also in institutions, where frequent communication with the public is inevitable. They are trained to create professional ethical codes and implement them in the field of public relations in private and commercial sector, state, public or non-profit organisations. Graduates possess skills necessary for business and professional negotiations and for representation of company or organisation. They are able to prepare and implement the protocol of business negotiations or other activities in organisations and institutions of various types.

Tuition Fee: 850 €/semester

More information: Mgr. Katarína Polačková
studijne@ismpo.sk

Ján Albrecht Music and Art Academy in Banská Štiavnica

Hudobná a umelecká akadémia Jána Albrechta – Banská Štiavnica

Botanická 354/2, 96 901 Banská Štiavnica, Slovakia

www.hauja.org



The Ján Albrecht Music and Art Academy in Banská Štiavnica is a privat institution of higher education founded in 2008. It provides a wide variety of courses in the field of Music Performance, Composition, Jazz and Drama, and offers a possibility of dual study with Prayner Konservatorium and Vienna Konservatorium (both in Vienna).

International co-operation belongs to its most important priorities. The Academy regularly organises various kinds of educational, scientific and artistic projects in co-operation with many foreign institutions (Austria, Hungary, Poland, Finland, France, Czech Republic, Italy, USA, etc.). At present, the Academy offers two Bachelor study programmes which can be studied in English language: Music Theory and Performance, Music Theory and Composition. The Academy supports international co-operation and mobility of students, university teachers, researchers and artists.

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Music Theory and Composition

Degree: Bachelor

Language: English

About the Programme: Programme graduates are familiar with main features of current development worldwide. During the studies, the main emphasis is put on the improvement of theoretical and practical knowledge in the field of music theory and performance.

In the framework of this programme students can choose from the following possibilities:

- Ensemble Play 1 – Chamber Music
- Ensemble Play 2 – Historical Music
- Ensemble Play 3 – Jazz and Improvisation

Tuition Fee: 1,780 €/academic year

More information: prof. PhDr. Zuzana Martináková, PhD.

martinakova@hauja.org

Programme: Music Theory and Performance**Degree:** Bachelor**Language:** English

About the Programme: Programme graduates are familiar with main features of current development worldwide. During the studies, the main emphasis is put on the improvement of theoretical and practical knowledge in the field of music theory, classical and popular composition, arrangement, sound design and electro-acoustic composition.

In the framework of this programme students can choose from the following possibilities:

- Composition 1 – classical and popular music
- Composition 2 – sound design and electro-acoustic composition

Tuition Fee: 1,780 €/academic year

More information: prof. PhDr. Zuzana Martináková, PhD.

martinakova@hauja.com

Pan European University in Bratislava

Paneurópska vysoká škola v Bratislave

Tomášikova 20, 821 02 Bratislava, Slovakia
www.paneurouni.com



The Pan European University is a private institution of higher education established in 2004 in the capital of Slovakia, Bratislava. The University offers all three levels of higher education. The European Credit Transfer System (ECTS) is fully applied to all courses offered. International co-operation with foreign partner universities is one of the main goals of the University which follows international trends in its study programmes by emphasising its international orientation. Thus, from the very beginning, not only a considerable number of foreign teachers were included in the staff of the University, but also its students were given the opportunity to take part in study programmes at partner universities abroad. The University welcomes, therefore, students from universities outside the Slovak Republic on the basis of an exchange scheme. Students can choose from the courses taught in Slovak or in Czech language. They can also participate in a programme, which is fully or partially taught in English or in German. Foreign students who intend to complete the whole study programme at the Pan European University, have the same rights and obligations as Slovak students.

Faculties

Faculty of Economy and Business	Fakulta ekonómie a podnikania	http://paneurouni.com/sk/fakulty/faculta-ekonomie-podnikania/bratislava-slovakia/
Faculty of Informatics	Fakulta informatiky	http://paneurouni.com/sk/fakulty/faculta-informatiky/bratislava-slovakia/
Faculty of Law	Fakulta práva	http://paneurouni.com/sk/fakulty/faculta-prava/bratislava-slovakia/
Faculty of Mass Media	Fakulta masmédií	http://paneurouni.com/sk/fakulty/faculta-masmedii/bratislava-slovakia/
Faculty of Psychology	Fakulta psychológie	http://paneurouni.com/sk/fakulty/faculta-psychologie/

More information: Univ. prof. Dr. Bea Verschraegen LL. M., E. M. M.
bea.verschraegen@paneurouni.com

School of Economics and Management in Public Administration in Bratislava

Vysoká škola ekonómie a manažmentu verejnej správy v Bratislave

Železničná 14, 812 07 Bratislava, Slovakia

www.vsemvs.sk



The School of Economics and Management in Public Administration is a private institution of higher education founded in 2004 in Bratislava. Its study programmes provide theoretical economic and business knowledge.

The main objectives of the School are:

- to act as an independent and free higher education institution;
- to educate specialists in public administration and regional development by providing higher education in the study field of Public Administration and Regional Development in compliance with current European trends in education;
- to educate specialist in small and medium-sized enterprises by providing higher education in the field of Company Economy and Management in compliance with current European trends in education;
- to intermediate up-to-date information about the development trends in understanding and attitude to particular fields of economy and management in public administration and small and medium-sized enterprises;
- to contribute to higher participation of Slovak enterprises in competitive environment by making full advantage of benefits of globalisation in the world;
- to build an educational and scientific-research institution in compliance with strategic aims of the school management;
- to equip its graduates with skills necessary to conduct research and enquiry within the field of education and consequently to enable them to pursue postgraduate study in education.

At present, none of the study programmes offered by the School of Economics and Management in Public Administration can be studied in English or any other foreign language.

More information: Ing. Stanislav Filip, PhD.
stanislav.filip@vsemvs.sk

St. Elizabeth University of Health and Social Work in Bratislava

Vysoká škola zdravotníctva a sociálnej práce sv. Alžbety v Bratislave

Námestie 1. mája 1, P. O. BOX 104, 810 00 Bratislava, Slovakia
www.vssvalzbety.sk



St. Elizabeth University of Health and Social Work was founded in 2003 in Bratislava.

At present, students from 13 countries study here. The University offers 69 study programmes in the field of: Public Health; Social Work; Nursing; Missionary Work; Health Technology, etc. The University offers education in all three levels of higher education – Bachelor, Master, Doctoral level.

The University has 43 science-pedagogical facilities in 20 countries of the world, and 12 facilities in Slovakia. One of this facilities is the Clinic of Tropical Diseases Phnom Penh in Cambodia where medical care is provided for orphans with AIDS and tuberculosis. There are also other health, humanitarian, social, charitable and missionary facilities in Ukraine, Cambodia, Kenya, Ethiopia, Uganda, Sudan, Burundi, Nairobi and Haiti which are part of the University. Missionaries from Slovakia work there.

List of study programmes provided in English or other foreign language

Bachelor Level

Programme: Medical Technology
Degree: Bachelor
Language: English
Tuition Fee: 2,300 €/academic year
More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Programme: Nursing
Degree: Bachelor
Language: English
Tuition Fee: 2,300 €/academic year
More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Programme: Public Health
Degree: Bachelor
Language: English
Tuition Fee: 2,300 €/academic year
More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Programme: Social Work
Degree: Bachelor
Language: English
Tuition Fee: 2,300 €/academic year
More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Master Level

Programme: Medical Technology
Degree: Master
Language: English
Tuition Fee: 4,800 €/academic year
More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Programme: Nursing
Degree: Master
Language: English
Tuition Fee: 4,800 €/academic year
More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Programme: Public Health
Degree: Master
Language: English
Tuition Fee: 4,800 €/academic year
More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Programme: Social Work
Degree: Master
Language: English
Tuition Fee: 4,800 €/academic year
More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Doctoral Level

Programme: Medical Technology

Degree: Doctorate (PhD.)

Language: English

Tuition Fee: 5,900 €/academic year

More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Programme: Nursing

Degree: Doctorate (PhD.)

Language: English

Tuition Fee: 5,900 €/academic year

More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Programme: Public Health

Degree: Doctorate (PhD.)

Language: English

Tuition Fee: 5,900 €/academic year

More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

Programme: Social Work

Degree: Doctorate (PhD.)

Language: English

Tuition Fee: 5,900 €/academic year

More information: Bc. Alexandra Stanová
stanova@vssvalzbety.sk

University of Central Europe in Skalica

Stredoeurópska vysoká škola v Skalici

Kráľovská 386/11, 909 01 Skalica, Slovakia

www.sevs.sk



The University of Central Europe was established as a non-profit organisation in 2005 in Skalica. Its main goal is to provide a high quality education, and to support the achievements of the European Area of Higher Education.

According to the conferred rights, the University is entitled to perform higher education in the following accredited study programmes:

Bachelor Level

- International Relations
- Environment

Masters Level

- International Relations
- Environmental Management

Doctoral Level

- Environmental Management

More information: Ing. Heidy Schwarczová, PhD.
riaditel@sevs.sk

University of Security Management in Košice

Vysoká škola bezpečnostného manažérstva v Košiciach

Kukučínova 17, 040 01 Košice, Slovakia

www.vsbm.sk



The University of Security Management in Košice offers studies in the field of Protection of Persons and Property – study programme Security Management (Bachelor's and Master's degree). The University prepares also other up-to-date and interesting study programmes. These study programmes deepen knowledge of their graduates in an area of economy, practical law, risk estimation, prognosis and global development of security awareness of population.

The current study programmes are unique, and are divided into three areas: Management of Economical Security; Management of Building and Transport Security; Information Security.

At present, none of the study programmes offered by the University of Security Management can be studied in English or any other foreign language.

More information: doc. Ing. Miroslav Kelemen, PhD.

miroslav.kelemen@vsbm.sk

University in Sládkovičovo

Vysoká škola v Sládkovičove

Fučíkova 269, 925 21 Sládkovičovo, Slovakia
www.vssladkovicovo.sk



The University in Sládkovičovo is a private non-governmental heterogeneous higher education institution of regional significance. It was founded in 2005. One of its aims, in the European education network, is minimal bilingual lifelong education of citizens of Visegrád Group (Czech Republic, Hungary, Poland, Slovakia) according to the needs of the European Union labour market. It is based on civil and democratic principles. It supports equality of chances and human rights of intellectual, global and heterogeneous society.

Faculties

Faculty of Public Politics and Public Administration	Fakulta verejnej politiky a verejnej správy	www.fvpvs.sk
Faculty of Social Studies	Fakulta sociálnych štúdií	www.fss.sk
Janko Jesenský Faculty of Law	Fakulta práva Janka Jesenského	www.fpjj.sk

More information: prom. fil. Vojtech Černák
vojtech.cernak@vssladkovicovo.sk

ANNEX I: Bachelor and Master Programmes offered by Slovak universities in foreign language – an overview

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Arts																		
Accordion	●																	
Bassoon	●																	
Chamber Music	●																	
Choir Conducting	●																	
Church Music	●																	
Clarinet	●																	
Composition	●																	
Contrabass	●																	
Flute	●																	
French Horn	●																	

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ① combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Furniture Design													○ ●					
Guitar	●																	
Harp	●																	
Interior Design													○					
Music Theory and Composition							○											
Music Theory and Performance							○											
Oboe	●																	
Orchestral Conducting	●																	
Organ	●																	
Piano	●																	
Trombone	●																	
Trumpet	●																	

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ① combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Tuba	●																	
Viola	●																	
Violin	●																	
Violoncello	●																	
Voice	●																	
Education and teacher training																		
Biology						○												
Education for the Primary School						○ ●												
English Language and Literature				○ ●		○ ●												
German Language and Literature						○ ●												
History						○ ●												

Legend:

○ 1st level study programme (Bachelor study; 3 – 4 years)● 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)○● combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Hungarian Language and Literature						○ ●												
Informatics						○ ●												
Mathematics						○ ●												
Religion Studies						○ ●												
Theology																		
Missiology, Deacony and Social Work						○												
Reformed Theology						●												
Economy and management																		
Business Economics										●								
Business Economics and Management								○										
Business Marketing Management								●										

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ① combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Company Management and Economics						○												
Corporate Management						●												
Earth Resources Management													○ ●					
Enterprise Management in Wood Processing Industry												○						
Finance, Banking and Investment								●					○ ●					
International Business with Agrarian Commodities										○								
International Entrepreneurship in Trade and Services					○													

Legend:

○ 1st level study programme (Bachelor study; 3 – 4 years)● 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)⦿ combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
International Finance Management															●			
International Management															●			
Management and Financing of Forest Resources													●					
Management of Sales															●			
Management of Woodworking and Furniture Production													○					
Woodworking Products Marketing and Trade													○					
Other humanities and social sciences																		
Analysis of Conflicts and Violence								●										

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ① combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
British and American Studies									○ ●							○ ●		
Business Administration		○ ●																
Economic and Business Ethics					○													
English in International Business and Intercultural Communication																○		
English Language and Culture				○														
Ethics of Public Relations and Business Protocol					●													
European Development Programmes										○								

Legend:

○ 1st level study programme (Bachelor study; 3 – 4 years)

● 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)

⦿ combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Geopolitics								●										
German Language and Culture																○ ●		
Hungarian Studies				○ ●														
International Relations								●										
Public Administration and Regional Development														○ ●				
Regional Development										●								
Russian Language in the Economic Realm and Culture of Russia																○ ●		
Social Services and Consultancy					○													
Social Work												○ ●						

Legend:

○ 1st level study programme (Bachelor study; 3 – 4 years)● 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)○● combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Spanish Language and Culture																○ ●		
Spatial Planning										●								
Ukrainian Language and Literature																○ ●		
Agriculture and forestry																		
Forest Ecology													●					
Forestry													○ ●					
Game Management and Protection													○ ●					
Management of Crop Production										●								
Medical care, health care, pharmacy and veterinary care																		
Dental Hygiene																○		
Dental Medicine									●									

Legend:

○ 1st level study programme (Bachelor study; 3 – 4 years)● 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)● 1 2nd combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Dentistry			○															
General Medicine			○						○									
General Veterinary Medicine																	○	
Medical Technology												○ ●						
Midwifery																○		
Nursing												○ ●						
Pharmacy			●															
Public Health												○ ●						
Natural sciences																		
Analytical Chemistry									●									
Biochemistry									●									
Biology				●					○									

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Biophysics									●									
Botany and Plant Physiology									●									
Chemistry									○									
Chemistry, Medical Chemistry and Chemical Materials									○									
Ecology and Land Use													○ ●					
Economic and Financial Mathematics									●									
Environmental Chemistry and Technology											●							
Environmental Management													○ ●					
Environmental Studies				○														

Legend:

○ 1st level study programme (Bachelor study; 3 – 4 years)

● 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)

⦿ combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
General Ecology and Ecology of Individuals and Populations									○ ●									
Genetics and Molecular Cytology									●									
Geography									○ ●									
Inorganic Chemistry									●									
Managerial Mathematics									●									
Mathematics									○ ●									
Mathematics in Computer Sciences								●										
Nature Conservation and Biodiversity													○ ●					
Nuclear and Subnuclear Physics									●									

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ⦿ combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Organic Chemistry									●									
Philosophy and Theory of Ecologisation													○					
Physics									○ ●									
Physics of Condensed Matter									●									
Technology of Environmental Protection														●				
Zoology and Animal Physiology									●									
Architecture and civil engineering																		
Architectural and Indoor Engineering														○ ●				
Architecture											●							

Legend:

○ 1st level study programme (Bachelor study; 3 – 4 years)● 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)⦿ combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Architecture and Urban Design											○							
Civil Engineering											○ ●							○
Civil Environmental Engineering														○				
Environmental Structures														●				
Structural and Transportation Engineering														○ ●				
Technology and Management of Civil Engineering														○ ●				
Urban Water Management														○				

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ⦿ combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Electrical engineering, informatics and information technologies																		
Applied Informatics											○ ●			○				
Automobile Electronics											○							
Cybernetics											●							
Electric Drives																		●
Electric Power Engineering														●				
Electrical Engineering											○							
Electronics											○							
Environmental Engineering and Information Technology													○ ●					
Industrial Informatics											○							
Informatics									○ ●					●				○
Information Systems																		●

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Microelectronics											●							
Multimedia Telecommunications														●				
Power Engineering											●							
Radioelectronics											●							
Robotics											●							
Telecommunications											○ ●							
Telecommunication and Radiocommunication Engineering																		●
Mechanical engineering																		
Applied Mechanics											●			●				
Applied Mechanics and Mechatronics											○							
Applied Mechatronics											●							

Legend:

○ 1st level study programme (Bachelor study; 3 – 4 years)● 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)● 1st 2nd combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

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Automation and Control Equipments and Processes														●				
Automation and Informatics of Machines and Processes											○							
Computer Aided Mechanical Engineering Production														○				
Computer Support of Mechanical Engineering Production														●				
Forest and Mobile Technology													●					
Industrial Engineering													○ ●	○ ●				
Manufacturing Technologies														○ ●				

Legend:

○ 1st level study programme (Bachelor study; 3 – 4 years)

● 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)

○● combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Manufacturing Technology													○ ●					
Mechanical Engineering														○ ●				
Mechatronics														○ ●				
Power Machines and Equipment														●				
Production Processes and Materials											○							
Robotic Techniques														●				
Safety of Technical Systems														●				
Transport and Manipulation Technology													○					

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ⦿ combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Other technical disciplines																		
Air Traffic Controller														○				
Air Transport																		●
Automation and Informatisation in Chemistry and Food Industry											●							
Automation and Process Control of Raw Materials Extracting and Processing														○				
Automation, Informatisation and Management in Chemistry and Food Industry											○							
Biomedical Engineering																		○ ●

Legend:

○ 1st level study programme (Bachelor study; 3 – 4 years)

● 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)

○● combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Biotechnology and Biochemistry											●							
Biotechnology and Food Technology											○							
Chemical Engineering											○ ●							
Chemical Processing of Wood													○ ●					
Chemical Technologies											●							
Construction of Timber Structures and Furniture													○					
Controlling and Quality													●					
Construction of Wood Products													●					

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ⦿ combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Control of Technological Processes in Chemical and Food Industries											●							
Engineering of the Wood Processing Technique													●					
Fire and Rescue Services													○					
Informatisation of Processes of Raw Materials Extraction and Processing														○ ●				
Food, Hygiene, Cosmetics											●							
Furniture Production													○					
Heritage Materials Conservation											●							

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ⦿ combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Material Engineering													●					
Measurement and Information Technology											●							
Mining and Geotechnics														○				
Natural and Synthetic Polymers											●							
Nutrition and Health Protection											●							
Nutrition-Cosmetics- -Health Protection											○							
Operation of Machines and Equipment													○					
Physical Engineering											●							

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ① combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Comenius University (p. 19)	Constantine the Philosopher University (p. 22)	International School of Management Slovakia (p. 169)	J. Selye University (p. 26)	Ján Albrecht Music and Art Academy (p. 171)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Work (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	University of Economics (p. 146)	University of Prešov (p. 149)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Process Control of Raw Materials Extracting and Processing														●				
Production Quality Engineering														●				
Professional Pilot														○				
Protection of Person and Property against Fire													○					
Technical Chemistry											●							
Technical Production and Primary Wood Processing													○					
Technical Safety of Persons and Property													●					
Use of Alternative Energy Sources														○				

Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ① combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

Other technical disciplines

	Academy of Performing Arts (p. 16)	
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	Comenius University (p. 19)	
	Constantine the Philosopher University (p. 22)	
	International School of Management Slovakia (p. 169)	
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	Slovak University of Agriculture (p. 54)	
	Slovak University of Technology (p. 60)	
	St. Elizabeth University of Health and Social Work (p. 175)	
Wood Processing Technologies	Technical University in Zvolen (p. 97)	○
Wood Science and Technology	Technical University of Košice (p. 116)	●
	University of Economics (p. 146)	
	University of Prešov (p. 149)	
	University of Veterinary Medicine and Pharmacy (p. 155)	
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Legend:

- 1st level study programme (Bachelor study; 3 – 4 years)
- 2nd level study programme (Master study; 1 or 2 years of follow-up Master study)
- ① combined Bachelor and Master study as one complete 2nd level study programme (duration of 4 – 6 years)

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Constantine the Philosopher University (p. 22)	J. Selye University (p. 26)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Sciences (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	Trnava University (p. 144)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Pedagogy					■									
Pre-school and Elementary Pedagogy					■									
Theory of Teaching Mathematics			■			■								
Visual Art Didactics					■									
Theology														
Theology			■											
Economy and management														
Business Economics and Management					■									
Economics and Management of Agriculture and Food Industry							■							
Environmental Management										■				
Finance											■			
Industrial Management								■						
Knowledge Management		■												
Management and Financing of Forest Resources										■				
Public Economics and Services					■									
Sectoral and Branch Economics								■						

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Agriculture and forestry														
Agro-chemistry and Plant Nutrition							■							
Forest Ameliorations										■				
Forest Management										■				
Forest Phytology										■				
Game Management and Protection										■				
General Animal Production							■							
General Plant Production							■							
Landscape and Garden Architecture							■							
Nutrition							■							
Plant and Timber Physiology							■							
Plant Protection							■							
Siviculture and Forestry Protection										■				
Special Animal Production							■							
Special Plant Production							■							
Techniques and Technologies of Forestry Production										■				

[illegible]

	Academy of Performing Arts (p. 16)	College of Management (p. 166)	Constantine the Philosopher University (p. 22)	J. Selye University (p. 26)	Matej Bel University (p. 29)	Pavol Jozef Šafárik University (p. 38)	Slovak University of Agriculture (p. 54)	Slovak University of Technology (p. 60)	St. Elizabeth University of Health and Social Sciences (p. 175)	Technical University in Zvolen (p. 97)	Technical University of Košice (p. 116)	Trnava University (p. 144)	University of Veterinary Medicine and Pharmacy (p. 155)	University of Žilina (p. 156)
Pharmacology						■								
Public Health									■			■		
Surgery						■								
Veterinary Morphology and Physiology													■	
Veterinary Obstetrics, Gynaecology and Andrology													■	
Veterinary Surgery, Orthopaedics and Roentgenology													■	
Natural sciences														
Analytical Chemistry						■		■						
Anatomy, Histology and Embryology						■								
Applied Mathematics						■		■						
Biochemistry						■		■					■	
Biophysics						■								
Chemical Physics								■						
Clinical Biochemistry						■								
Discrete Mathematics						■								
Ecology and Land Use										■				

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Environmental Analytical Chemistry											■			
Environmental Engineering								■			■			
Environmental Engineering and Information Technology										■				
Forest and Landscape Ecology										■				
General Ecology and Ecology of Individuals and Populations						■								
General Physics and Mathematical Physics						■								
Genetics						■	■							
Inorganic Chemistry						■		■						
Macromolecular Chemistry								■						
Mathematical Analysis					■									
Microbiology													■	
Molecular Cytology						■								
Nature Conservation and Biodiversity										■				
Nuclear and Subnuclear Physics						■								
Organic Chemistry						■		■						
Physical Chemistry								■						

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Physics of Condensed Matter						■		■						
Physics of Condensed Matter and Acoustics								■						
Physiology of Animals						■								
Plant Physiology						■								
Probability and Mathematical Statistics					■									
Theoretical and Computer Chemistry								■						
Toxicology													■	
Virology													■	
Architecture and civil engineering														
Applied Mechanics								■						
Architectural Heritage Conservation								■						
Architecture								■						
Building Technology								■						
Design								■						
Environmental Engineering											■			
Geodesy and Cartography								■						
Landscaping								■						

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Structures in Architecture								■						
Theory and Design of Engineering Structures										■				
Theory and Environmental Technology of Buildings								■						
Theory and Structures of Buildings								■						
Theory and Structures of Civil Engineering Works								■						
Theory of Architectural and Indoor Engineering										■				
Theory of Architecture								■						
Theory of Technology and Management in Civil Engineering										■				
Urban Design and Town Planning								■						
Water Resources Engineering								■						
Electrical engineering, informatics and information technologies														
Aeronautical and Industrial Electronical Systems											■			
Applied Informatics								■			■			■
Artificial Intelligence											■			
Business Informatics											■			
Industrial Electrical Engineering											■			

Electrical engineering, informatics and information technologies

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Infoelectronics											■			
Informatics						■					■			
Cybernetics								■						
Cybernetics and Information-Control Systems											■			
Electric Power Systems														■
Electrical Engineering Systems											■			
Electrical Power Engineering											■			
Electromagnetic Theory								■						
Electronics Measurement Systems											■			
Electrotechnologies and Materials														■
Electrotechnology and Materials								■						
High Power Electrical Engineering								■						
Mechatronics Systems											■			
Metrology								■						
Microelectronics								■						
Power Electrical Engineering														■
Power Engineering								■						

Electrical engineering, informatics and information technologies/Mechanical engineering

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Process Control														■
Progressive Materials and Technologies in Automotive Electronics											■			
Radioelectronics								■						
Telecommunications								■			■			■
Mechanical engineering														
Applied Mechanics								■			■			
Automation and Control of Machines and Processes								■						
Fluid Machines and Equipment								■						
Machine Parts and Mechanisms								■						
Manufacturing Technology										■				
Mechanical Engineering Technologies and Materials											■			
Mechatronics								■			■			
Metrology								■						
Power Machines and Equipments											■			
Process Engineering								■						
Production Machines and Equipment								■						

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Production Processes and Materials								■						
Production Techniques											■			
Safety of Technological Systems											■			
Thermal and Hydraulic Machines and Equipment								■						
Transport Technology								■						
Other technical disciplines														
Aircraft Servicing											■			
Automation and Control								■						
Biotechnology								■						
Chemical Engineering								■						
Chemistry and Technology of Consumables								■						
Construction and Technology of Wooden Products										■				
Engineering of Production Quality								■			■			
Industrial Ceramics											■			
Industrial Engineering											■			
Inorganic Technologies and Materials								■						
Integrated Safety								■						

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Machine Technologies and Materials								■						
Materials Engineering								■						
Materials Science and Material Engineering											■			
Measurement Technology								■						
Metallurgy of Metals											■			
Nuclear Energetics								■						
Organic Technology and Technology of Fuels								■						
Plastic Deformations											■			
Physical Engineering								■						
Process Automation and Informatisation								■						
Process Control								■						
Process Control of Raw Materials Extraction and Processing											■			
Processing and Application of Non-metals								■						
Production Devices and Systems								■						
Protection and Safety against Fire										■				
Quality of Production								■						

Other technical disciplines

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Technology of Polymer Materials								■						
Technology of Wood Processing										■				
Thermal Energetics											■			
Waste Treatment and Recycling											■			
Wood Structure and Properties										■				

