

DOCUMENT

Study programme	_EVEZ-PoE26 - Ecosystem Science and Environmental Changes
Study	Grade of study - P - profes. orientovaný, study form - external, study type - Single degree study
Document type:	Description of the study programme
The name of the university	University of Ss. Cyril and Methodius in Trnava
The seat of the university	Nám. J. Herdu 2, 917 01 Trnava
The name of the faculty	Faculty of Natural Sciences
The seat of the faculty	Nám. J. Herdu 2, 917 01 Trnava

Institution body for approving the study programme:

Internal Quality Evaluation Board of the UCM in Trnava

1. - Basic information about the study programme

a) - Name of the study program and its number according to the register of study programmes.

Ecosystem Sciences and Environmental Changes

b) - Degree of higher education and ISCED-F education degree code.

I., ISCED-F code: 655

c) - Place(s) of delivery of the study programme.

Trnava

d) - Name and number of the field of study in which higher education is obtained by completing the study programme, or a combination of two fields of study in which higher education is obtained by completing the study programme, ISCED-F codes of the field/fields.

1. Environmental sciences - 0521

2. Education science - 0111

e) - Type of the study programme: academically oriented, professionally oriented; translation, translation combination study programme (listing the specializations); teaching, teaching combination study programme (listing the specializations); artistic, engineering, doctoral, preparation for regulated profession, joint study programme, interdisciplinary studies.

joint study programme, professionally oriented

f) - Awarded academic degree before the name

Bc.

g) - Form of study.

full time

h) - In the case of joint study programmes, cooperating institutions and the range of study obligations the student fulfills at each of the given institutions (§ 54a of the Act on Higher Education Institutions).

Trnava University in Trnava, the distribution of the study programme units is published in the recommended study plan.

i) - Language or languages in which the study programme is delivered.

Slovak

j) - Standard length of the study expressed in academic years.

3 years

k) - Capacity of the study programme (planned number of students), the actual number of applicants and students.

30

2. - *Graduate profile and learning objectives*

a) - The institution defines the learning objectives of the study programme such as student's abilities at the time of completion of the programme and the main learning outcomes.

The study programme Ecosystem Sciences and Environmental Changes combines skills, knowledge, and competencies from the fields of teacher education and ecological and environmental sciences.

Learning outcomes:

Graduate's skills

- Practical skills in field and laboratory research of ecosystems (field methods, monitoring, toxicological aspects),
- Ability to analyze environmental data, including the use of GIS and remote sensing,
- Ability to process collected data using statistics,
- Skills in scientific and academic writing, presentation of results, and management of research projects,
- Ability to implement environmental education with an emphasis on sustainability,
- Didactic skills: planning, curriculum development and implementation, pedagogical communication, and school evaluation,
- Ability to work in interdisciplinary teams and solve complex environmental problems.

Graduate's knowledge

- Expertise in ecology, environmental sciences, radioecology, and environmental management,
- Knowledge of environmental policies, law, and ethics with a focus on sustainable development,
- Insights into environmental crises, renewable energy sources, and crisis response solutions,
- Theoretical knowledge in developmental psychology, pedagogy, and teacher's professional ethics,
- Knowledge of inclusive education and communication with students of different abilities and needs,
- Understanding of basic statistics,
- Knowledge of the chemical aspects of the environment and research methodology.

Graduate's competencies

- Ability to design and implement environmental education programmes and activities,
- Competence in leading and conducting research projects in the field of the environment,
- Critical and systemic thinking in assessing the impact of human activities on the environment,
- Ability to communicate environmental issues with the general public, students, and professionals,
- Ability to reflect on the ethical, cultural, and social contexts of ecological topics.

b) - The institution indicates the professions for which the graduate is prepared at the time of completion and the potential of the study programme from the point of view of graduate's employability.

Graduate Employment Opportunities according to SK ISCO-08 Classification:

- **2351002** – Methodologist in the field of education and training
- **2359001** – Teaching assistant
- **2133001** – Landscape ecologist, geoecologist
- **2133002** – Air protection specialist
- **2133003** – Nature conservation specialist
- **2133004** – Waste management specialist
- **2133006** – Watercourse protection specialist
- **2133008** – Environmental Impact Assessment (EIA) specialist
- **2133999** – Specialist in environmental protection (excluding industrial ecology), not elsewhere classified
- **2162001** – Landscape and garden architect (non-authorized) – **if the graduate obtains additional qualifications**

c) - Relevant external stakeholders who have provided the statement or a favorable opinion on the compliance of the acquired qualification with the sector-specific requirements for the profession.

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3. - Employability

a) - Evaluation of the study programme graduates employability.

This is a new study programme established as part of the integration activities of the Trnava University Consortium.

b) - If applicable, indicate the successful graduates of the study programme.

new study programme

c) - Evaluation of the study programme quality by employers (feedback).

new study programme

4. - Structure and content of the study programme

a) - The institution describes the rules for the design of study plans within the study programme.

The joint study programme is implemented in a way that complies with the internal quality assurance systems of both universities, UCM (University of SS. Cyril and Methodius in Trnava) and TRUNI (Trnava University in Trnava).

UCM

The rules for creating study plans within a study programme are an integral part of the standards for designing, implementing, and evaluating study programmes at UCM, which are currently under review.

https://www-old.ucm.sk/docs/legislativa/2022/predpisy_-_en/2022-23_vnutorny_system_zabezpecovania_kvality_AJ.pdf

The internal process for preparing the study plan was conducted in accordance with the recommendations of SAAVŠ and the draft internal quality standards of UCM.

The study plan was prepared by a working group composed of individuals responsible for the implementation, development, and quality of the study programme, in cooperation with a student representative and an alumni representative.

The study plan fully takes into account the requirements set for the study fields:

- **7. Ecological and Environmental Sciences**
- **38. Teacher Training and Education Sciences**

At least 60% of the content of the study programme in each academic year corresponds to the core knowledge themes, both in terms of the number of required credits and the number of teaching hours.

A large portion of the courses in this category are defined as compulsory. Internships are also compulsory courses.

The remaining courses are designed to further specialize graduates in related disciplines. These courses are labeled as elective-compulsory to allow students to pursue their specific interests or professional goals to the greatest extent possible.

TRUNI

Internal Quality Assurance System for Higher Education at Trnava University in Trnava

https://www.truni.sk/sites/default/files/rektor/vnutorny-system-kvality-tu_schvaleny-vr-tu_november-2021_0.pdf

Rules for the creation, modification, approval, and evaluation of the quality of study programmes at Trnava University in Trnava

https://www.truni.sk/sites/default/files/rektor/studijne-programy_pravidla-tu.pdf

b) - The institution compiles the recommended study plans for individual study paths.

Recommended Study Plan for the Study Programme

c) - The study plan generally states:

Subject information sheets (Annex 11), where the profile subjects are marked; the profile subjects are also listed in the recommended study plan.

d) - The institution states the number of credits, the achievement of which is a condition for proper completion of studies and other requirements that the student must meet within the study programme and for its proper completion, including the requirements for state examinations, rules for re-study and rules for the extension, interruption of study.

The study program comprises 180 ECTS credits. The composition of the State Examination Committee complies with the Higher Education Act, specifically § 63, paragraph 3 of Act No. 131/2002 Coll. on Higher Education Institutions, as well as with the Study Regulations of the University of Ss. Cyril and Methodius, approved by the Academic Senate of UCM on June 10, 2013, and with the forthcoming internal quality assurance standards of UCM. The State Examination Committee must consist of at least four members. In bachelor's degree programs, in addition to university teachers holding the academic rank of associate professor or professor and other professionals from practice approved by the Scientific Board, assistant professors with a third-level university education (PhD) are also entitled to examine students during state examinations. At least one member of the committee must hold the rank of associate professor or professor. A representative of the institution where the professional internship was carried out will also be a member of the committee in professionally oriented bachelor's study programs. The chair of the State Examination Committee is appointed by the dean from among university professors or associate professors. The chair is responsible for conducting the state examination and for the activities of the committee.

e) - For individual study plans, the institution states the requirements for completing the individual parts of the study programme and the student's progress within the study programme in the given structure:

The credit allocation of subjects reflects their complexity and the intensity/extent of student workload. Core (profile) subjects typically carry a higher workload. At the level of the UCM/TRUNI, student workload is structured as follows:

- 1 credit corresponds to 25 hours of student work, including self-study and independent creative activities.
- This means that the total student workload is 750 hours per semester and 1500 hours per academic year, including self-study and independent creative activities.

The credit system is in accordance with the upcoming internal quality standards of UCM/TRUNI, consistent with ECTS norms, and reflects the professionally oriented nature of the study programme, where a significant portion of the study plan focuses on the acquisition of skills and competencies.

137 credits are allocated to compulsory subjects required for proper completion of the study programme or a part thereof,

- **32 credits** are allocated to professional internships required for proper completion of the study programme,
- **10 credits** are allocated to the final thesis and its defense, required for proper completion of the study programme.

A minimum of **40 credits** must be earned from elective compulsory subjects to properly complete the study programme or a part thereof. Students must also ensure that they select at least one subject (or subjects) from one of the six elective blocks in such a way as to earn an additional minimum of **3 credits**.

f) - The institution describes the rules for verification of learning outcomes, students assessment and the possibilities of appealing against the assessment.

For each joint study programme, a "home university" is designated, which is responsible for administratively managing all academic and organizational processes (e.g. enrollment, matriculation, graduation ceremonies, study organization, etc.) related to the studies and the conditions for ensuring quality at the university. For the joint study programmes, the home universities are agreed upon as follows:

- a) **Study programme Ecosystem Sciences and Environmental Changes**, full-time study, Slovak language – **home university: TRUNI**
- b) **Study programme Ecosystem Sciences and Environmental Changes**, part-time study, English language – **home university: UCM**

UCM

The rules for verifying learning outcomes, assessing students, and the options for remedial procedures against this assessment are clearly described in the university's Study Regulations, which the Faculty of Natural Sciences follows.

https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2020-8_Studijny_poriadok_UCM_AJ.pdf

Study Regulations

Part Two: § 11, § 14 - § 20

https://www-old.ucm.sk/docs/legislativa/2023/2023-2-Studijny_poriadok_UCM.pdf

TRUNI

https://www.truni.sk/sites/default/files/rektor/studijny_poriadok-tu_schvalene-znenie.pdf

<https://pdfweb.truni.sk/download?dolezite/studijny-poriadok-PdF-TU-2023.pdf>

g) - Conditions for recognition of studies or a part of studies.

For joint study programmes, the home universities are agreed upon as follows:

- a) **Study programme Ecosystem Sciences and Environmental Changes**, full-time study, Slovak language – **home university: TRUNI**
- b) **Study programme Ecosystem Sciences and Environmental Changes**, part-time study, English language – **home university: UCM**
- **UCM**

The rules for the verification of educational outcomes and the evaluation of students and the possibilities of corrective procedures against this evaluation are clearly described in the study regulations of the university, which the Faculty of Natural Sciences follows.

https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2020-8_Studijny_poriadok_UCM_AJ.pdf

UCM

Study Regulations

Part Two: § 11a

Directive on Recognition of Completed Subjects: https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2020-8_Studijny_poriadok_UCM_AJ.pdf

TRUNI

Conditions and rules for successful study progression and completion, state examination requirements, and additional study-related procedures are defined in the study regulations of the university and its faculties:

https://www.truni.sk/sites/default/files/rektor/studijny_poriadok-tu_schvalene-znenie.pdf

<https://pdfweb.truni.sk/download?dolezite/studijny-poriadok-PdF-TU-2023.pdf>

h) - The institution states the topics of final theses of the study programme (or a link to the list).

New study programme

i) - The institution describes or refers to:

For joint study programmes, the home universities are agreed upon as follows:

- a) **Study programme Ecosystem Sciences and Environmental Changes**, full-time study, Slovak language – **home university: TRUNI**
- b) **Study programme Ecosystem Sciences and Environmental Changes**, part-time study, English language – **home university: UCM**

UCM

The proposals for the final theses are published by the training institutes through the academic information system (hereinafter referred to as "AIS") during the winter semester, no later than 31 January of the relevant academic year. The listed topics for the biotechnology study programme are published on the faculty's website

<https://ucmtt.sharepoint.com/teams/FPV/SitePages/Z%C3%A1vere%C4%8Dn%C3%A9-pr%C3%A1ce.aspx>

The final thesis must be prepared according to the Rector's Directive on the requisites of final theses, their bibliographic registration, control of originality, storage, and access to the University of Ss. Cyril and Methodius in Trnava (valid since 2021)

[Smernica o náležitostiach záverečných prác, ich bibliografickej registrácii, uchovávaní a sprístupňovaní na UCM](#)

[https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-](https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-31_Smernica_o_nalezitostiach_zaverecnych_prac_ich_bibliografickej_registracii_uchovavani_a_sprístupnovani_na_UCM_AJ.pdf)

[31_Smernica_o_nalezitostiach_zaverecnych_prac_ich_bibliografickej_registracii_uchovavani_a_sprístupnovani_na_UCM_AJ.pdf](https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-31_Smernica_o_nalezitostiach_zaverecnych_prac_ich_bibliografickej_registracii_uchovavani_a_sprístupnovani_na_UCM_AJ.pdf)

https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2020-8_Studijny_poriadok_UCM_AJ.pdf

and by the Study Regulations of the University of Ss. Cyril and Methodius in Trnava, which was developed by § 15, para. 1, letter b of Act 131/2002 Coll. on Higher Education and approved by the Academic Senate of UCM on April 28, 2020. The final thesis is a bachelor's thesis, a diploma thesis and a dissertation. With the bachelor's thesis, the student demonstrates the ability to work creatively in the field of study in which he completed the study programme. The bachelor's thesis will be prepared by the student under the guidance of the supervisor in accordance with the internal regulations of UCM and the relevant faculty. The bachelor thesis is assessed by the opponent. The supervisor and the opponent will prepare a written report for the bachelor's thesis. The student has the right to one copy of the supervisor's and the opponent's report no later than three days before the defense of the bachelor's thesis. The bachelor thesis together with the defense form one subject and belong to the state exams. The commission for state examinations negotiates the result of the defense of the bachelor's thesis by a closed vote. In the event of a tie, the chairman of the commission shall have two votes. The results of the bachelor thesis defense are evaluated with marks A - FX.

[Smernica o plagiátorstve](#)

https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2019-9_Smernica_o_plagiatorstve_AJ.pdf

- *opportunities and procedures for participation in student mobility,*

The FNS students who are interested in a stay abroad can take advantage of the wide range of mobilities through the Erasmus + programme or they can complete a stay abroad based on international bilateral agreements or take advantage of opportunities under other mobility and scholarship schemes and programmes.

The FNS UCM students apply to their department coordinator in the form of a written application, which contains the contact details of the applicant and a brief justification of the study stay, prospective benefits. The system of allocating places within the ERASMUS + programme takes place in the form of a selection procedure at the faculty. The application deadline, the date of the selection procedure and the selection criteria for outgoing students are published on the faculty's website.

<http://fpv.ucm.sk/sk/studium/studijne-pobyty.html>

<http://fpv.ucm.sk/sk/o-nas/medzinarodne-vztahy.html>

<http://fpv.ucm.sk/en/study/erasmusen.html>

All information about study stays, the Erasmus + project, student mobility, the pedagogical and non-pedagogical staff is also on a separate page: <https://www.ucm.sk/sk/erasmus-01/>

The faculty, based on a transparent selection procedure, according to proposals from the departments, nominates students for mobility under the valid between departmental bilateral agreements.

- *rules for adherence to academic ethics and rules for drawing consequences,*

The rules are determined by the UCM Code of Ethics in Trnava. The Code of Ethics is binding for all members of the academic community, pedagogical and non-pedagogical employees of UCM.

[https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/ID_N._2018-](https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/ID_N._2018-2_Code_of_Ethics_of_the_University_of_Ss._Cyril_and_Methodius_in_Trnava.pdf)

[2_Code_of_Ethics_of_the_University_of_Ss._Cyril_and_Methodius_in_Trnava.pdf](https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/ID_N._2018-2_Code_of_Ethics_of_the_University_of_Ss._Cyril_and_Methodius_in_Trnava.pdf)

[https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-](https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-14_Smernica_o_vybavovani_staznosti_na_UCM_AJ.pdf)

[14_Smernica_o_vybavovani_staznosti_na_UCM_AJ.pdf](https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-14_Smernica_o_vybavovani_staznosti_na_UCM_AJ.pdf)

[https://www.ucm.sk/docs/legislativa/2022/predpisy_-_](https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/ID_N._2015_Directive_on_the_Receipt_and_Handling_of_Complaints_about_antiSocial_Activities.pdf)

[_en/ID_N._2015_Directive_on_the_Receipt_and_Handling_of_Complaints_about_antiSocial_Activities.pdf](https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/ID_N._2015_Directive_on_the_Receipt_and_Handling_of_Complaints_about_antiSocial_Activities.pdf)

- *procedures applicable to students with special needs,*

Work with students with special needs at UCM is managed by the Support Center for Students with Special Needs. Its mission is to help and support students of all faculties and institutes of the University of Ss. Cyril and Methodius in Trnava in the following areas: psychological counselling, social counselling,

of SS. Cyril and Methodius in Trnava in the following areas: psychological counselling, social counselling, support for students with special needs, with sensory, physical and multiple disabilities, with chronic illness, with a disability, with mental illness, with autism, with learning disabilities, with social disadvantage.

Responsible staff:

- for UCM JUDr. Jana Žitníková jana.zitnikova@ucm.sk

- for ANS RNDr. Vanda Adamcová, PhD. vanda.adamcova@ucm.sk

<https://www.ucm.sk/sk/centrum-podpory-studentov-so-specifickymi-potrebami-01/>

https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2019-

[11_Smernica_na_zabezpecenie_vseobecne_prístupneho_akademickeho_prostredia_pre_studentov_so_specifickymi_potrebami_AJ.pdf](https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2019-11_Smernica_na_zabezpecenie_vseobecne_prístupneho_akademickeho_prostredia_pre_studentov_so_specifickymi_potrebami_AJ.pdf)

- *procedures for filing complaints and appeals by students.*

The submission of suggestions by students is carried out through

Black Box - for your opinions, comments and questions and follows the university guidelines

https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-

[14_Smernica_o_vybavovani_staznosti_na_UCM_AJ.pdf](https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-14_Smernica_o_vybavovani_staznosti_na_UCM_AJ.pdf)

The link to enter the Black Box is on the UCM website <https://www.ucm.sk/sk/black-box/>

TRUNI

The rules for assigning, reviewing, defending, and evaluating final theses are defined in the study regulations of the university and its faculties.

https://www.truni.sk/sites/default/files/rektor/studijny_poriadok-tu_schvalene-znenie.pdf

<https://pdfweb.truni.sk/download?dolezite/studijny-poriadok-PdF-TU-2023.pdf>

The rules for the preparation of the final thesis are part of the directive of the Rector of Trnava University in Trnava on bibliographic registration, originality check, accessibility, archiving, and basic requirements for final, rigorous, and habilitation theses.

https://www.truni.sk/sites/default/files/cis/uni_system/ezp/ezp_smernica_o_bibliografii.pdf

The possibilities and conditions for participation in mobility programmes are defined in the Rector's Directive No. 2/2020 on the implementation of the ERASMUS+ programme at Trnava University.

https://www.truni.sk/sites/default/files/zo/smernica_c.2_2020_o_realizacii_programu_erasmus.pdf

In 2016, the university was awarded the ECTS and DS Label. For this reason, all credits earned by students during their mobility are recognized upon return — either as substitutes for courses in the study programme, provided an equivalent exists, or as credits for elective courses — in accordance with the study regulations of both the university and the faculty:

https://www.truni.sk/sites/default/files/rektor/studijny_poriadok-tu_schvalene-znenie.pdf

<https://pdfweb.truni.sk/download?dolezite/studijny-poriadok-PdF-TU-2023.pdf>

An Ethics Committee has been established at Trnava University (TU) to address issues and matters related to the observance of academic ethics by both staff and students. Relevant information regarding the Ethics Committee and its scope of authority is published on the university's official website.

https://www.truni.sk/sites/default/files/rektor/3_2015_eticky-kodex-tu-final-1.pdf

The university ensures equal access to education for students with specific needs by implementing appropriate adjustments and support services. The university coordinator, in cooperation with faculty coordinators, initiates the following activities: identification of students with specific needs; provision of information and counselling; creation of suitable conditions for accessing all services of the Student Support Centre (psychological and legal counselling, sports activities); training of teachers, staff, and students of Trnava University to foster a proper approach toward students with specific needs; collaboration with faculty study departments regarding admission procedures; provision of priority accommodation in barrier-free facilities; establishing contacts with organizations that support students; and ensuring access to compensatory aids (e.g. reading magnifiers, adjustable beds, hearing aids, etc.).

The faculty coordinator for students with specific needs is PaedDr. Naďa Bizová, PhD. - nada.bizova@truni.sk.

All procedures related to acquiring and using this status are governed by the Rector's Directive.

https://www.truni.sk/sites/default/files/rektor/smernica_rekora_c.17_2013_o_podpore_studentov_a_uchadzacov_o_studium_so_specifickymi_potrebami.pdf

In the case of suggestions or appeals related to studies or the evaluation of academic results, the student has the right to submit a written request or petition to the Vice-Dean for Study Affairs. If the student wishes to take a commission examination, the procedure follows the rules set out in the Study Regulations.

<https://pdfweb.truni.sk/download?dolezite/studijny-poriadok-PdF-TU-2023.pdf>

5. - *Course information sheets of the study programme*

In the structure according to Decree no. 614/2002 Coll.

Subject information sheets

6. - *Current academic year plan and current schedule*

(or hyperlink).

UCM

<https://fpv.ucm.sk/sk/student/> (in the General Information section)

Current schedules are published in AIS (ais2.ucm.sk)

TRUNI

<https://pdf.truni.sk/casove-harmonogramy-studia>

<https://pdf.truni.sk/rozvrhy-hodin>

7. - *Persons responsible for the study programme*

a) - A person responsible for the delivery, development, and quality of the study programme (indicating the position and contact details).

prof. RNDr. Alfréd Trnka, PhD., professor

alfred.trnka@truni.sk

b) - List of persons responsible for the profile courses of the study programme with the assignment to the course and provided with a link to the central Register of university staff and with contact details (they may also be listed in the study plan).

UCM

doc. RNDr. Miroslav Horník, PhD. (profesor)

prof. Mgr. Ildikó Matušíková, PhD.

Mgr. Martin Valica, PhD.

<https://fpv.ucm.sk/sk/fakulta/ustavy-pracoviska/ustav-chemie-environmentalnych-vied.html> (Section Staffing)

TRUNI

prof. RNDr. Alfréd Trnka, PhD.

[Vedecko/umelecko-pedagogická charakteristika osoby](https://www.portalvs.sk/regzam/detail/8672)

<https://www.portalvs.sk/regzam/detail/8672>

prof. RNDr. Martin Pipíška, PhD.,

<https://pdf.truni.sk/sites/default/files/katedry/kch/pracovnici/vupch/vupch-pipiska.xlsx>

<https://www.portalvs.sk/regzam/detail/14379>

doc. Ing. Viera Peterková, PhD.

<https://pdf.truni.sk/sites/default/files/katedry/kb/pracovnici/vupch/vupch-peterkova.xlsx>

<https://www.portalvs.sk/regzam/detail/8658>

c) - Reference to the research/art/teacher profiles of persons responsible for the profile courses of the study programme.

prof. PhDr. Ivan Lukšík, PhD./ <https://www.portalvs.sk/regzam/detail/4901>
doc. RNDr. Vladimír Frišták, PhD. / <https://www.portalvs.sk/regzam/detail/28263>
doc. JUDr. Michal Maslen, PhD. / <https://www.portalvs.sk/regzam/detail/8900>
doc. PaedDr. Jana Fančovičová, PhD. / <https://www.portalvs.sk/regzam/detail/8621>
doc. PaedDr. Kristína Žoldošová, PhD. / <https://www.portalvs.sk/regzam/detail/8677>
Ing. Peter Střelec, PhD. / <https://www.portalvs.sk/regzam/detail/58816>

UCM

doc. RNDr. Miroslav Horník, PhD. (professor)
<https://www.portalvs.sk/regzam/detail/14380>
prof. Mgr. Ildikó Matušíková, PhD.
<https://www.portalvs.sk/regzam/detail/24651>
Mgr. Martin Valica, PhD.
<https://www.portalvs.sk/regzam/detail/30488>
<https://fpv.ucm.sk/sk/fakulta/ustavy-pracoviska/ustav-chemie-environmentalnych-vied.html> (časť
Personálne obsadenie)

TRUNI

prof. RNDr. Alfréd Trnka, PhD.
[Vedecko/umelecko-pedagogická charakteristika osoby](https://www.portalvs.sk/regzam/detail/8672)
<https://www.portalvs.sk/regzam/detail/8672>
prof. RNDr. Martin Pipiška, PhD.
<https://pdf.truni.sk/sites/default/files/katedry/kch/pracovnici/vupch/vupch-pipiska.xlsx>
<https://www.portalvs.sk/regzam/detail/14379>
doc. Ing. Viera Peterková, PhD.
<https://pdf.truni.sk/sites/default/files/katedry/kb/pracovnici/vupch/vupch-peterkova.xlsx>
<https://www.portalvs.sk/regzam/detail/8658>

d) - List of teachers of the study programme with the assignment to the course and provided with a link to the central Register of university staff and with contact details (may be a part of the study plan).

PaedDr. Ivan Il'ko, PhD. / <https://www.portalvs.sk/regzam/detail/36529>

- Environmental Studies
- Environmental Education in the School Environment
- Practical Solutions to Environmental Problems
- Professional and Pedagogical Internship
- Professional Internship II
- Environmental Ethics

prof. PhDr. Ivan Lukšík, PhD./ <https://www.portalvs.sk/regzam/detail/4901>

- Inclusion in Education

doc. PhDr. Ondrej Rajský, PhD.

- The Teaching Profession and Professional Ethics

doc. RNDr. Vladimír Frišták, PhD./ <https://www.portalvs.sk/regzam/detail/28263>

- Research Project Internship
- Laboratory Practice I
- Environmental and Green Technologies
- Toxicological Aspects in Environmental Components
- Laboratory Practice II
- Environmental Ethics

doc. JUDr. Michal Maslen, PhD./ <https://www.portalvs.sk/regzam/detail/8900>

- Environmental Policies and Law

doc. PaedDr. Jana Fančovičová, PhD./ <https://www.portalvs.sk/regzam/detail/8621>

- Biological Aspects of Pupil Development

doc. PaedDr. Kristína Žoldošová, PhD./ <https://www.portalvs.sk/regzam/detail/8677>

- Pedagogical Communication and School Evaluation

Ing. Peter Střelec, PhD./ <https://www.portalvs.sk/regzam/detail/58816>

- Security of Environmental Data and Information

doc. RNDr. Miroslav Horník, PhD./ <https://www.portalvs.sk/regzam/detail/14380>

- Research Project Internship
 - Laboratory Practice I
 - Environmental and Green Technologies
 - Toxicological Aspects in Environmental Components
 - Laboratory Practice II
 - Environmental Monitoring and Bioindicators
 - Introduction to Radioecology
- RNDr. Vanda Adamcová, PhD./ <https://www.portalvs.sk/regzam/detail/33720>
- Environmental Management
- Mgr. Martin Valica, PhD./ <https://www.portalvs.sk/regzam/detail/30488>
- Renewable Energy Sources
- doc. RNDr. Iveta Dirgová Luptáková, PhD./ <https://www.portalvs.sk/regzam/detail/18294>
- Basics of Statistics
- MSc. Richard Hančinský, PhD. / <https://www.portalvs.sk/regzam/detail/58430>
- Environmental Monitoring and Bioindicators
- prof. Mgr. Ilidikó Matušíková, PhD./ <https://www.portalvs.sk/regzam/detail/24651>
- Environmental Monitoring and Bioindicators
 - Sustainable Development
- Mgr. Marián Hostovecký, PhD. / <https://www.portalvs.sk/regzam/detail/8873>
- Geographic Information Systems
 - Remote Sensing of the Earth
- prof. RNDr. Alfréd Trnka, PhD. / <https://www.portalvs.sk/regzam/detail/8672>
- Methods of Ecological Research
 - Introduction to Ecosystem Sciences
 - Fundamentals of Population Ecology
- prof. RNDr. Martin Pipíška, PhD./ <https://www.portalvs.sk/regzam/detail/14379>
- Laboratory Practice I
 - Environmental and Green Technologies
 - Chemistry and Society
 - Fundamentals of Research Project Preparation
- doc. Ing. Viera Peterková, PhD./ <https://www.portalvs.sk/regzam/detail/8658>
- Methods of Ecological Research
 - Environmental Studies
 - Environmental Education in the School Environment
 - Practical Solutions to Environmental Problems
 - Professional and Pedagogical Internship
 - Professional Internship II
- doc. PaedDr. Katarína Kotuláková, PhD. / <https://www.portalvs.sk/regzam/detail/8892>
- Curriculum Planning, Design and Implementation
- Mgr. Jana Fúsková, PhD. / <https://www.portalvs.sk/regzam/detail/28255>
- Academic Writing

e) - List of the supervisors of final theses with the assignment to topics (indicating the contact details).

New study programme

f) - Reference to the research/art/teacher profiles of the supervisors of final theses.

New study programme

The structure of the academic workplace's teaching staff provides sufficient assurance that the number of university teachers is adequate for the number of final theses at a given level of university study. All final theses are supervised by teachers who have adequate teaching experience and the appropriate level of education.

Supervisors:

doc. RNDr. Miroslav Horník, PhD., position of professor (miroslav.hornik@ucm.sk)

prof. Mgr. Alžbeta Marček Chorvátová, DrSc. (alzbeta.marcek.chorvatova@ucm.sk)

prof. Mgr. Ildikó Matušíková, PhD. (ildiko.matusikova@ucm.sk)

RNDr. Vanda Adamcová, PhD. (vanda.adamcova@ucm.sk)

Mgr. Martin Valica, PhD. (martin.valica@ucm.sk)

Mgr. Ignác Bugár, PhD. (ignac.bugar@ucm.sk)

g) - Student representatives representing the interests of students of the study programme (name and contact details).

UCM

Jakub Švaňa, Student of the 2nd year of the study programme Protection and Restoration of the Environment

Contact: "ŠVAŇA Jakub" svana1@ucm.sk

TRUNI

Mgr. Alexandra Mauniaková alexandra.maruniakova@tvu.sk

h) - Study advisor of the study programme (indicating contact details and information on the access to counseling and on the schedule of consultations).

UCM

RNDr. Vanda Adamcová, PhD.

e-mail: vanda.adamcova@ucm.sk

Information about access to counselling services is published on the faculty's website.

<https://www.ekokatedra.sk/>

TRUNI

doc. RNDr. Vladimír Frišták, PhD. (vladimir.fristak@truni.sk)

i) - Other supporting staff of the study programme - assigned study officer, career counselor, administration, accommodation department, etc. (with contact details).

UCM

Study Department of UCM

Responsible person for FPV:

Ing. Gabriela Jančovičová

E-mail: gabriela.jancovicova@ucm.sk

Head of UCM Student Dormitory:

Mgr. Janka Gajdová

E-mail: janka.gajdova@ucm.sk

TRUNI

Study Officer:

Ing. Andrea Ferencíková

Contact: andrea.ferencikova@truni.sk

Career Counsellor:

doc. PaedDr. Dana Masaryková, PhD.

Contact: dana.masarykova@truni.sk

Accommodation Officer:

Ing. Miroslava Baranová

E-mail: miroslava.baranova@truni.sk

8. - Spatial, material, and technical provision of the study programme and support

a) - List and characteristics of the study programme classrooms and their technical equipment with the assignment to learning outcomes and courses (laboratories, design and art studios, studios, workshops, interpreting booths, clinics, priest seminaries, science and technology parks, technology incubators, school enterprises, practice centers, training schools, classroom-training facilities, sports halls, swimming pools, sports grounds).

UCM

The teaching process is mainly conducted in the UCM building in Špačince (4 km from the university's main seat in Trnava), which houses 3 lecture halls, 5 seminar rooms, and 2 computer classrooms. Additional teaching rooms are available in the central UCM buildings on J. Herda Square in Trnava (5 seminar rooms), and in the Hajdóczy Street building (2 lecture halls and 3 seminar rooms). All rooms are equipped with video projection technology.

For laboratory classes in bachelor's and master's/engineering study programmes, 11 student laboratories are available, adequately equipped for practical training in various chemical and biological disciplines. For the purposes of semester and especially final theses (Bc., Mgr., Ing., RNDr., or PhD.), the following specialized labs are accessible: the Radiation Ecology and Nuclear Analysis Laboratory, the Spectral Methods Laboratory, the Ecochemical Laboratories, the Laboratory of Molecular Environmental Studies, 3 separate chemical labs for master's students, and 2 laboratories for PhD students.

Laboratories used for laboratory training in chemistry (general and inorganic chemistry, organic chemistry, biochemistry, environmental analytical chemistry), biology (biology and microbiology labs), as well as specialized lab sessions for the study programme, are equipped with essential teaching materials (chemicals, glassware, balances, basic lab equipment) required for the specific exercises. In addition, dedicated laboratories exist for teaching courses requiring special software, such as GIS and Remote Sensing, as well as for work on bachelor's and master's theses.

The laboratories used for research activities are equipped as follows:

(1) **Department of Radioecology and Nuclear Analysis (DRNA):** consists of 8 separate laboratories - Isotope Laboratory (DRNA 1), Hygienic Loop (DRNA 2), Measurement Laboratory (DRNA 3), Positron Emission Tomography Laboratory - Research Facility for PET (DRNA 4), Scientific Research Laboratory (DRNA 5), Lysimetric Laboratory (DRNA 6), Sample Preparation Laboratory (DRNA 7), and Instrumental Analysis Laboratory (DRNA 8). Equipment: 3 digital gamma spectrometers with well-type scintillation detectors (Ortec); microPET eXplore Vista Pre-Clinical PET scanner (GE Healthcare); digital gamma spectrometer with HPGe detector (Canberra); laboratory lysimeter (EcoTech); UV-VIS spectrophotometer CARY 50 (Varian); refrigerated tabletop centrifuge UNIVERSAL 320 R (Hettich); orbital shaker Biosan PSU-20; rotary tube shaker Biosan Multi RS-60; 2 orbital incubator shakers Biosan ES-20; peristaltic pump Heidolph PD 5201.

(2) **Spectral Methods Laboratory:** atomic absorption spectrometer Shimadzu AA-7000; atomic absorption spectrometer ThermoScientific iCE 3000; UV-VIS spectrophotometer Varian Cary 50; flow electrochemical analyzer Ecaflow Model 150 GLP; microwave sample digestion system Anton Paar Multiwave 3000; Millipore Simplicity 185 system; Watek Diwa 5rica system; flame photometer ATS 200MKI.

(3) **Liquid Chromatography Laboratory:** HPLC systems (Waters, Young Lin, Philips) with photometric and DAD detectors; ion chromatograph ICS 5000 (Dionex).

(4) **Analytical Methods Laboratory:** C-H-N-S-O elemental analyzer FLASH EA 2000 (ThermoScientific); DSC calorimeter Diamond 2000 (Perkin Elmer); infrared spectrometer Shimadzu IRAffinity-1; UV-VIS spectrophotometer CARY 50 (Varian).

(5) **Electrochemical Methods Laboratory:** electrochemical analyzer Autolab/PGSTAT302N (Eco Chemie B.V.) with electrode system; potentiostat EcaStat Model 150P; 3 potentiostat/galvanostat devices PalmSens.

(6) **Physical Chemistry Laboratory:** UV-VIS spectrophotometer M350 Camspec; potentiostat EcaStat Model 150P; 3 Cobra3 systems.

(7) **Chromatographic Methods Laboratory:** gas chromatograph Perkin Elmer AutoSystem XL; 2 flow electrochemical analyzers Ecaflow Model 150 GLP.

(8) **Environmental Chemistry Laboratory:** optical microscope Jenatech; fluorescence microscope Olympus CX41; Cellometer Nexcelom Bioscience Auto M10; Arduino system; UV-VIS spectrophotometer Varian Cary 50.

(9) **Biochemical Methods Laboratory:** UV-VIS spectrophotometer GENESYS 10 UV; rotary vacuum evaporator; centrifuge HETTICH UNIVERSAL 32.

(10) **Microbiology Laboratory:** Astell autoclave; 5 Jenatech Inspection microscopes with optical adapters and digital cameras; sterile inoculation room; temperature controlled cultivation room (25

adapters and digital cameras, sterile inoculation room, temperature-controlled cultivation room (25–37°C) with shaker.

(11) **Molecular Environmental Science Laboratory:** UV Cabinet CAMAG; UV lamp; viewing box; termoshaker Biosan TS 100; UV-VIS spectrophotometer GENESYS 10 UV; centrifuge HETTICH UNIVERSAL 32; refrigerated centrifuge HETTICH MIKRO 22 R; microcentrifuge Eppendorf Minispin; electrophoresis system HOEFER SE 245; Biohazard sterile box.

(12) **Laboratory for Phytopathogenic Microorganisms:** inoculation area; vacuum evaporator; micro vacuum evaporator; microscope.

(13) **Phytochemistry Laboratory:** Thermomixer Comfort; IKA MS3 BASIC (vortex mixer); CAMAG (UV lamp); centrifuge VWR Himac CT6E; Biotek El800 plate reader; low-pressure liquid chromatography system.

(14) **Fermentation Laboratory:** fermenters MLW U16 and MLW U7c; microplate spectrophotometer MRX (Dynex).

TRUNI

The Faculty of Education of Trnava University (PdF TU) provides the following facilities to support the implementation of the study programme:

- At Priemysel'na Street No. 4, in the main faculty building:
 - 1 auditorium with a capacity of 130 seats,
 - 5 lecture rooms, each with a capacity of approximately 60 seats,
 - 8 seminar rooms, each with a capacity of approximately 25 seats.
- At Hollého Street, in the university building:
 - 2 lecture rooms with a capacity of 80 seats each,
 - 5 seminar rooms, each with a capacity of approximately 40 seats.

As part of two EU Structural Funds projects, the lecture and seminar rooms of the TU faculties were equipped with presentation technology (data projectors, screens, laptops, visualizers, LCD TVs, and interactive whiteboards).

The current equipment of the Department of Chemistry, which is responsible for the implementation of the study programme, enables students to work in specialized laboratories (Laboratory of Organic Chemistry and Biochemistry, Laboratory of General and Inorganic Chemistry, Laboratory of Analytical and Physical Chemistry, Laboratory of Chemistry Didactics, IBSE Laboratory – Inquiry-Based Science Education, Laboratory of Applied Research).

The material equipment has been significantly upgraded in recent years through the implementation of several national and international projects (e.g. Fibonacci, Pri-Sci-Net, Interreg SK-CZ).

At the Department of Chemistry, a competence centre has been established with the IBSE Laboratory and the Laboratory of Applied Research.

A significant component of teacher training is professional teaching practice in cooperating schools.

b) - Characteristics of the study programme information management (access to study literature according to Course information sheets, access to information databases and other information sources, information technologies, etc.).

UCM

Each student of the faculty is guaranteed internet access. Students of the Faculty of Natural Sciences (FPV) at UCM in Trnava have the opportunity to work in computer laboratories outside of organized classes, based on their individual interests and needs for solving seminar and lab assignments. They have access to computer classrooms with internet-connected computers and an open-access internet room with adequate software equipment located in the main UCM building in Trnava. Two additional terminal classrooms are available at the FPV UCM premises in Špačince.

Computer classrooms are periodically upgraded with more powerful computers and updated information and chemical software (e.g. Dragon 6, IBM SPSS Statistics 19, Analyse-it, QC Expert 3.1, Statistica 10.2 Base, and Statistica 10.2 DataMiner). Additional specialized statistical and graphical software packages for chemical and environmental sciences are also available (e.g. MINEQL+ ver. 4.5, OriginPro 2016, PASW Statistics, TableCurve 3D 4.0, SigmaPlot 11, SYSTAT 12, SigmaScan Pro 5.0, Grapher 7, Voxler 1, ERDAS IMAGINE 2016 and ARCGIS ver. 10.4 for remote sensing, and SpaceStat 4.0 for geostatistics). All FPV UCM teachers and internal PhD students are provided with a computer connected to the internet. The faculty uses the Academic Information System AIS2.

Thanks to the MSDNAA license, which the faculty pays for annually, students can legally and free of charge use the Windows operating system and a wide range of software development tools on their personal computers at home.

To design and monitor study programmes, the faculty uses an Information System for Measuring and Evaluating Quality, which tracks various quality indicators in the areas of science and research, academic performance, content structure, and personnel resources. This Information System integrates diverse data, both from other university information systems (Academic Information System AIS2, Library Information System Dawinci...) and from evaluations and feedback provided by stakeholders of the study programme (student questionnaires, instructor observation records, graduate surveys, etc.).

TRUNI

The University Library of Trnava University serves as the central library of Trnava University (hereinafter referred to as "TU"). It provides professional library and information services, preserves and bibliographically registers qualification theses, registers the publication activities of TU's teachers, researchers, and PhD students, and offers library and information services to students, teachers, and employees of TU as well as to the professional public. The library organizes professional events and provides information literacy training. It develops partnerships with domestic and foreign institutions, especially through document exchange.

The mutual relations between the library and its users are governed by the Library and Lending Regulations of the University Library of TU. The mission, core tasks, and organizational structure are defined in the Organizational Rules of the University Library of TU. The library's profile corresponds to the academic focus of the study fields offered at Trnava University. The core of the collection includes print materials in the fields of humanities and natural sciences. Printed resources are complemented by electronic information sources, accessible via TU's IP address ranges.

The Faculty of Education at TU in Trnava publishes study materials (lecture notes and textbooks) for students exclusively in electronic form. These educational materials are stored in an electronic library, freely accessible on the faculty's website:

<https://pdf.truni.sk/veda-vyskum?e-kniznica#online>.

A significant number of materials are also published in MOODLE courses, which greatly facilitates student access.

In addition, all departments of the faculty have their own reference libraries that also provide students with literature, especially for use in preparing qualification theses.

c) - Characteristics and extent of distance education applied in the study programme with the assignment to courses. Access, manuals of e-learning portals. Procedures for the transition from contact teaching to distance learning.

UCM

Study in accredited study programmes in full-time and part-time study is carried out at UCM using the full-time method. The method of distance education is used in times of unfavourable epidemiological situation, or in other situations that seriously limit the implementation of full-time teaching, according to § 108e par. 2 of the University Act, in times of crisis, educational activities carried out by the full-time method can be carried out by the distance method. This form of education is governed by the directive: https://www.ucm.sk/docs/legislativa/2021/8_21_distancna_vyucba.pdf

TRUNI

To implement modern forms of teaching and to manage activities related to administrative and core academic processes, the university uses the following centralized information systems:

1. Modular Academic Information System (MAIS)
2. E-learning systems - EKP and Moodle, MS Teams
3. Library Information System DAWINCI
4. Virtual University
5. Financial Information System SOFIA
6. Identity Management System (Novell IDM)
7. Automated Person Identification System (SAIO)
8. Information System for Management and Administration (ISSM)
9. University Network Systems and Services

Within the university data network, users have access to several systems and services centrally managed on university servers:

- a) Wireless data network services (WiFi)
- b) Web hosting services for TU websites
- c) University data archiving system
- d) Videoconferencing systems MeetVideo and EVO

During the pandemic, the university ensured a smooth transition to online education through Moodle and MS Teams. Subjects that, by their nature, could not be conducted online were delivered in intensive blocks or postponed to the next instructional period.

d) - Institution partners in providing educational activities for the study programme and the characteristics of their participation.

UCM

All educational activities of the study programme can be fully provided by the Department of Environmental Sciences of the Faculty of Natural Sciences (FPV UCM), or by other relevant departments.

Partnership in the educational process is represented by targeted analyses or analyses of specific samples in the context of ongoing projects or joint research activities. All final thesis topics are linked to these activities. The list of current partners includes:

- **National Agricultural and Food Centre, Research Institute of Plant Production, Gene Bank in Piešťany** – cooperating workplace, provider of experimental material for ongoing projects and bachelor theses. These focus on crop/food safety and energy crops for phytoremediation.
- **BIONT a.s.** – joint Research Workplace for Positron Emission Tomography within the Isotope Laboratory (PRNA), provider of the microPET system and selected radiotracers for analyses within joint research activities, as well as for ongoing projects and final theses. These mainly focus on analyses of transport and allocation of specific radiotracers (metals and other substances) in plants.
- **JAVYS, a.s. Bratislava and VÚJE, a.s. Trnava** – partners providing samples for monitoring and analysis for ongoing projects, for the courses Field Research I and II, and for bachelor theses. They also serve as destinations for traditional student excursions.

Other partner organizations, which to a greater or lesser extent, directly or indirectly contribute to the provision of educational activities within the study programme *Environmental Protection and Restoration*, and with which the Department of Environmental Sciences of FPV UCM has long-standing cooperation, are listed on the department's website:

<https://www.ekokatedra.sk/partneri/>

TRUNI

Various partner organizations will be involved in the implementation of the study programme. These organizations focus on environmental protection and related processes, such as Priatel'ia Zeme, Živica, and JRK Waste management.

e) - Characteristics of the possibilities for social, sports, cultural, spiritual and social activities.

In the bachelor study programme, the offer of selected subjects Sports Activities I to Sports Activities VI is intended for students. University of Ss. Cyril and Methodius in Trnava supports the extracurricular activities of its students in the form of financial contributions to ensure sports and cultural events. Every year, in addition to the earmarked contribution from the Ministry of Education, Research and Sports, a part of the funds is allocated within the university budget.

The procedure for submitting and approving applications for contributions to students' sports and cultural events is regulated by the university's internal regulations. Application for a financial contribution (https://www-old.ucm.sk/docs/legislativa/2021/30_21_Smernica_o_postupe_pri_predkladani_a_schvalovani_ziadosti.pdf).

Students can participate in activities:

- Folklore ensemble Trnafčan
- UniTTY University Choir
- THE.ART.RE University Theater
- Hit UCM Trnava - University Women's Premier League Women's Volleyball Team
- Student magazine FF - Parazol
- Student magazine Atteliér
- Student Radio Aetter
- FMK TV
- FMK student project gaudeo.sk

TRUNI

The university provides opportunities for its students to engage in regular sports activities. Students can choose from football, volleyball, basketball, futsal, floorball, or swimming. Since 2004, the university has been organizing *Sports Days*, aiming to promote competition among students and staff from various university units. Traditional competitions include basketball, volleyball, and futsal for the Rector's Challenge Cups, as well as table tennis tournaments for the university champion. The best athletes from these events represent the university at the Slovak University Games or occasional competitions among Slovak universities. In addition, students can register for various dance and aerobic clubs. An overview of the available activities is published at: <https://www.truni.sk/sportove-aktivita>.

The university also has a student council that organizes various social, cultural, and sports activities for students (<https://www.facebook.com/studentska.rada.truni/>), while spiritual activities are provided by the University Pastoral Centre (<https://upece.sk/>).

f) - Possibilities and conditions for participation of the study programme students in mobilities and internships (indicating contact details), application instructions, rules for recognition of this education.

UCM and TRUNI will provide students as well as teachers involved in the joint study programmes with opportunities to participate in mobility at both the home and the partner university (at the respective faculty). The conditions for mobility are governed by the internal regulations of the university acting as the sending institution.

UCM

The possibilities and conditions of students' participation in mobility are published on the faculty's website.

<http://fpv.ucm.sk/sk/studium/studijne-pobyty.html>

The system of allocating places within the ERASMUS + programme takes place in the form of a selection procedure at the faculty.

The system of allocating places under the ERASMUS+ programme is carried out by means of a selection procedure at the faculty.

The rules of recognition of this education are governed by the UCM Study Regulations and the document : https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-17_Smernica_o_uznavani_absolvovanych_predmetov_Aj.pdf

TRUNI

The opportunities and conditions for participation in mobility are defined in the Rector's Directive of Trnava University No. 2/2020 on the implementation of the ERASMUS+ programme at TRUNI.

https://www.truni.sk/sites/default/files/zo/smernica_c.2_2020_o_realizacii_programu_erasmus.pdf

In 2016, the university was awarded the ECTS and DS Labels. As a result, all credits obtained during student mobility are recognized upon return—either as substitutes for the study programme's courses, if an equivalent exists, or as credits for elective courses—in accordance with the study regulations of both the university and the faculty.

https://www.truni.sk/sites/default/files/rektor/studijny_poriadok-tu_schvalene-znenie.pdf

<https://pdfweb.truni.sk/download?dolezite/studijny-poriadok-PdF-TU-2023.pdf>

9. - Required abilities and admission requirements for the study programme applicants

a) - Required abilities and necessary admission requirements.

The admission requirements for the study programme shall be determined annually by mutual agreement of the contracting parties and, if necessary, approved by the competent bodies of the universities/faculties. The admission conditions will be published on the websites of both universities and the faculties responsible for implementing the joint study programmes in due time, in accordance with § 57(5) of the Higher Education Act. The admission conditions will be agreed upon in Annex No. 1 to this agreement no later than November 30 of the respective year.

The basic requirement for admission to study is the successful completion of secondary education, evidenced by a school-leaving certificate.

Each applicant who meets the admission criteria is entitled to study in the joint study programmes. The admission procedure and conditions will be published on the websites of both universities (or faculties). Applicants submit their electronic application through the university's information system and send it electronically along with the required attachments.

The admission procedure and admission requirements comply with the principles of admission applicable at the faculties responsible for the implementation of the joint study programmes.

Study programme: Ecosystem Sciences and Environmental Changes

- **Full-time study (in Slovak)**

- Home university: TRUNI

- More information: <https://pdf.truni.sk/uchadzac?prijimacie-konanie&informacie>

- **Part-time study (in English)**

- Home university: UCM

- Relevant documents:

- https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-29_Poriadok_prijimacieho_konania_UCM_AJ.pdf

- https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2020-8_Studijny_poriadok_UCM_AJ.pdf

Information about the admission requirements and procedure will be published within the statutory period on the official websites of the faculties and universities.

Applicants interested in both forms of study (full-time and part-time) must submit separate applications for each form.

b) - Admission procedures.

Admission Requirements and Procedures

The condition for admission to the study programme is successful completion of the admission procedure. Each applicant who has undergone the admission procedure receives a written decision on admission or non-admission, signed by the deans of the respective faculties.

If the number of applicants who meet the admission requirements exceeds the expected number of admitted students, those applicants who demonstrate the highest level of aptitude for study based on the admission criteria set by the contracting parties will be admitted.

Applicants may submit a request for review of the admission decision. The request must be submitted to the authority that issued the decision — i.e., the dean of the relevant faculty at the **home university**. The review process follows the internal regulations of the home university.

- **Study programme: Ecosystem Sciences and Environmental Changes (in Slovak, full-time)**
 - Home university: TRUNI
- **Study programme: Ecosystem Sciences and Environmental Changes (in English, part-time)**
 - Home university: UCM

The number of students admitted to the joint study programmes is subject to mutual agreement between the contracting universities and will be annually determined and published in accordance with § 57, paragraph 5 of the Higher Education Act. This number will also be included in Annex No. 1 of this agreement.

Each university records the admitted students in its own academic information system. After enrolment, data required for student registration in the joint study programme are transmitted via an encrypted file to the study department of the partner university. The decryption key is sent separately to the head of the partner university's study department via a separate email.

Applicants with specific needs may request, based on the evaluation of their specific requirements, a modified form and method of entrance examination. These adjustments are provided by the **home university**.

c) - Results of the admission process over the last period.

New study programme

10. - Feedback on the quality of provided education

a) - Procedures for monitoring and evaluating students' opinions on the study programme quality.

UCM

Quality assurance of pedagogical staff and control and monitoring of the pedagogical process in the form of observations are defined by the directive

https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-52_Smernica_o_hodnoteni_tvorivej_cinnosti_na_UCM_AJ.pdf

The faculty ensures that the university teacher is the bearer of knowledge and experience for the transfer of knowledge in the subject he / she teaches. As part of the selection process, the faculty ensures compliance with the requirements of the minimum criteria related to education and the field, while the faculty defines additional criteria by which the teacher checks the carrier of professional knowledge and experience with regard to the subject he teaches. Emphasis is placed on the fact that university teachers use effective methods, methods and procedures for transferring knowledge in the subjects they teach. The function of monitoring the pedagogical process is to monitor and regularly evaluate the quality of the pedagogical process. The faculty declares its support for the professional growth of teachers.

The faculty thus strives to eliminate the risk of low quality and content focus of the study programme in order to concentrate and process information from implemented questionnaire events and observations or other evaluations, review the pedagogical documentation of the study programme and compare it with the concept of analogous study programmes at renowned foreign universities.

The function of the survey of opinions of relevant target groups is to find out their opinions on various aspects of educational activities in order to obtain information that will lead to its improvement and to the adoption of effective measures to promote quality in all areas of faculty activities. The relevant target groups are the internal target groups of the respondents (students, teachers and other staff) and the external target groups of the respondents (especially graduates, employers and practitioners).

https://www.ucm.sk/docs/legislativa/2022/predpisy_-_en/2021-18_Ziskavanie_relevantnej_spatnej_vazby_od_zainteresovanych_stran_AJ.pdf

Monitoring and quality evaluation in the field of international relations and cooperation:

UCM offers students and teachers the opportunity to complete a study stay abroad through the ERASMUS programme at one of the partner universities. In addition, it supports students and teachers in completing international mobility in other academic cooperation and exchange programmes.

TRUNI

New study programme

b) - Results of student feedback and related measures to improve the study programme quality.

New study programme

c) - Results of graduate feedback and related measures to improve the study programme quality.

UCM

The results of the feedback are published in the [FNS Quality Report](#). The report includes an evaluation of the questionnaire investigations as well as proposed actions to address shortcomings. The results are also present in the Report on Educational Activities (mainly students, alumni and employers), and the report also includes a proposal for measures

<https://fpv.ucm.sk/sk/fakulta/politika-kvality/hodnotenie-kvality.html>

Otherwise, every year all stakeholders are invited to evaluate the SP and reports are compiled from the anonymous questionnaires, which are fully accessible on [SharePoint FPV UCM](#) (authorized access).

TRUNI

The results of the alumni feedback analysis, together with the position of the university or faculty management, are published on the intranet of the university or the respective faculty.

11. - References to other relevant internal regulations and information concerning the study or the study programme student

(e.g study guide, accommodation regulations, fee directive, guidelines for student loans, etc.).

Agreement on the Conditions of Cooperation in the Implementation of a Joint Study Programme

