

Description of the study programme – outline

Name of the higher education institution: University of Prešov (UP)

Name of the faculty: Faculty of Humanities and Natural Sciences (FHNS)

Address of the faculty: 17. novembra 1, 08001 Prešov

Institution body for approving the study programme: Board for the Internal Quality Assurance System of the University of Prešov in Prešov and Board for Quality of FHNS UP

Date of the study programme approval or the study programme modification:

Date of the latest change¹ in the study programme description:

Reference to the results of the latest periodic review of the study programme by the institution:

Reference to the assessment report of the application for accreditation of the study programme under § 30 of Act no. 269/2018 Coll.²:

1. Basic information about the study programme

- a) Name of the study program and its number according to the register of study programmes.
Ecology and Environmental Studies, Institute of Information and Education prognosis code: 1622T02, Code: 17225
- b) Degree of higher education and ISCED-F education degree code.
2nd degree (Master.), ISCED2011 code: 767
- c) Place(s) of delivery of the study programme.
717000000 University of Prešov / 717050000 Faculty of Humanities and Natural Sciences
- 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/fields³.
Ecological and Environmental Sciences ISCED-F code: 0521, Code: 1610
- 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.
Master academically oriented
- f) Awarded academic degree.
Master
- g) Form of study⁴.
Master full-time study
- h) In the case of joint study programmes, cooperating institutions and the range of study obligations the student fulfils at each of the given institutions (§ 54a of the Act on Higher Education Institutions).
The study programme is not shared with another university.
- i) Language or languages in which the study programme is delivered⁵.
Slovak language
- j) Standard length of the study expressed in academic years.
2 years
- k) Capacity of the study programme (planned number of students), the actual number of applicants and students.
The capacity for full-time study program is 90 students, number of applications in academic year 2021/2022 is 7, the number of students is 9 (4 is in 1st year).

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 outcomes⁶.
The graduate is profiled by completing courses that develop his/her theoretical knowledge and skills, practical skills and abilities and competences as indicated in the course information sheets available on the public portal of the MAIS system:

¹ If the change is not a modification of the study programme according to § 30 of Act no. 269/2018 Coll.

² It is stated only if the accreditation of the study programme has been granted according to § 30 of Act no. 269/2018 Coll.

³ According to the International Standard Classification of Education. Fields of Education and Practice 2013.

⁴ According to § 60 of Act no. 131/2002 Coll. on Higher Education Institutions.

⁵ It means the languages in which all learning outcomes are achieved and all related courses of the study programme as well as the state examinations are carried out. The institution independently provides information on the possibility of partial study parts/courses in other languages in part 4 of the description.

⁶ Learning objectives are achieved in the study programme through measurable learning outcomes in individual parts (modules, subjects) of the study programme corresponding to the relevant level of the Qualifications Framework in the European Higher Education Area.

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>
<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

Specific graduate profile and educational objectives in the context of the Description of the Study Field of Ecological and Environmental Sciences (Master, full time)

Knowledge:

The graduate has extensive and in-depth professional and methodological knowledge of ecosystems and ecosystem services at the level of assessment in the individual areas of the field of study, especially in the area on which his/her study programme Ecology and environmental studies is focused. He/she applies scientific research in the field of study and can draw conclusions from interdisciplinary knowledge of applied sciences with direct impacts on nature and the environment. He/she evaluates his/her knowledge of the management of nature conservation, landscape and environmental components, assesses environmental risks, accidents, damages and options for their solution. He/she knows how to use standard tools of environmental policy and economics and environmental management. He/she assesses impacts on the environment and health. The student systematizes his/her knowledge in the field of remediation and recycling technologies, assesses ecological footprints and life cycles. He/she is able to continue to expand his/her skills and knowledge according to the current needs of the labour market and current legislation.

Skills:

The graduate carries out basic and applied research, identifies environmental risks and proposes measures for their prevention, mitigation or complete elimination. He/she solves more demanding projects in the field of nature and landscape protection and prepares documents for the minimization of negative environmental impacts. He/she contributes to the development of conceptual documents related to biodiversity, landscape and the environment. He/she formulates environmental planning, assessment, organisation and control procedures and instruments of environmental law, management and audit. He/she applies sophisticated software tools, uses simulation models for trend and risk analysis. He/she implements and evaluates educational and training programs in environmental education. The graduate is characterized by a high degree of independence and foresight in familiar and unfamiliar environments, innovative and creative thinking. He/she presents research findings in a professionally correct manner.

Competencies:

The graduate can make independent decisions in solving ecological problems, is able to discuss various ecological topics and express his/her opinion. He/she can implement research methods and evaluate the collected data and apply them in practice. The graduate will demonstrate the ability to further his/her education. The student will be able to comprehensively assess the state of environmental components and propose appropriate procedures for their optimisation. The student is able to predict the development and emergence of ecological disturbances and propose solutions for their remediation. Graduates find employment in nature and landscape protection bodies and organisations, in higher levels of management of state and local government bodies, in enterprises or in private, non-governmental ecological and environmental organisations, in scientific institutions and academic institutions, as experts in the field of environmental and human health impact assessment, waste management, nature protection and landscape protection, in organisations for the administration, operation or management of environmental protection and care facilities.

- 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.

2133001 Landscape ecologist, geoecologist
2133002 Air protection specialist
2133003 Nature conservation specialist
2133004 Waste management specialist
2133005 Forest Protection Specialist
2133006 Watercourse protection specialist
2143001 Drinking water and wastewater microbiologist
2143003 Environmental protection specialist in industrial production
2143004 Hydrologist
3257002 Environmental inspector
5419001 Nature and forest ranger
2131 Biologists, botanists, zoologists and related specialists
2131001 Biologist
2131005 Botanist
2131006 Zoologist
2131999 Biologist, botanist, zoologist and related specialists not otherwise specified

3. Employability

- a) Evaluation of the study programme graduates employability.
- employment opportunities for graduates is addressed in the previous point 2(b).

Statistical summaries on graduate employability and employment are available from : <https://uplatnenie.sk/> or <https://uplatnenie.sk/?degree=V%C5%A0&vs=717000000&faculty=717050000&field=1316T43&year=2019> Information on the employability or unemployment of graduates can be monitored through the Central Register of Students. Other necessary information can be generated by the study department of FHPV PU both from the Central register of Schools and from the records in Office of Labour, Social Affairs and Family (UPSVar).

- b) If applicable, indicate the successful graduates of the study programme.
As successful graduates of our study programme so far we can mention:

Bekešová Beáta, Mgr., assistant in the field of environmental impact assessment, private sphere
 Fedorčák Jakub, Peadr., PhD., researcher at the Department of Ecology FHPV PU
 Hajdu Juraj, Mgr., PhD., expert worker (hydrobiologist), State Nature Conservancy of the Slovak Republic in Banská Bystrica
 Haluška Martin, Mgr., State Counsellor in the field of internal control, complaints and petitions at the Ministry of Environment of the Slovak Republic
 Hrabkovský Branislav, Mgr., PhD., Chief State Counsellor at the Department of State Administration of Nature Conservancy of the Ministry of Environment of the Slovak Republic
 Hrivniak Ľuboš, Mgr., employee of the Institute of Entomology of the Czech Academy of Sciences, PhD student at the University of South Bohemia in České Budějovice,
 Chanas Peter, Mgr., PhD student at the Institute for the Environment, Charles University in Prague
 Jakubcsiková Michaela, Mgr., PhD student at the Institute of Parasitology of the Slovak Academy of Sciences in Košice
 Jenčo Michal, Mgr., professional worker at the SOS BirdLife Slovakia Headquarters in Michalovce
 Radačovská Alžbeta, Mgr., PhD., researcher at the Institute of Parasitology of the Slovak Academy of Sciences in Košice
 Šaffa Gabriel, Mgr., PhD student at the Department of Zoology, University of South Bohemia in České Budějovice

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

We asked employers of our graduates to evaluate the quality of the submitted Ecology and environmental studies study programme. The provided evaluations and opinions are by the following: Institute of Parasitology of the Slovak Academy of Sciences (Mgr. Alžbeta Radačovská, PhD.) and Birds Life Slovakia (Mgr. Michal Jenčo). The documented results of the evaluation are located in section IV. 8 and in the minutes of February 18, 2022. Other annexes to the application for accreditation. The feedback focusing on the examination of the quality of the study programme is carried out rather casually and sporadically by the teachers overseeing the Ecology and environmental studies study programme. It is carried out in an individual form. The information obtained is evaluated during the meetings of the Department of Ecology. We have not noted any major comments on the composition of the recommended study plan and the quality of the graduates. We note that all the current legislative changes and the requirements resulting from them have been incorporated in the study programme without delay, and the comments on them are given in the Statement of the responsible person for the study programme on the incorporation of privies' comments on the study programme (in the appendices).

4. Structure and content of the study programme⁷

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

The study programme considers the objectives set by the Faculty of Humanities and Natural Sciences in the field of science and its long-term goals, especially in the field of education. The study programme has been developed / innovated in the context of the tendencies of the development of such programmes in Europe and in the world, considering the attractiveness for secondary school students. The study programme was created in accordance with the needs of practice, therefore one of the main aspects in the conception of courses was the aspect of applicability of knowledge and competences in real practice.

The main principles in the development of the study plan of the study programme Ecology and environmental studies (Master) are:

- Description of the study field No. 1610 Ecological and environmental sciences
- Graduate profile
- Areas that profile and form the core of the study field and the study programme
- Legislation on the credit system of study
- Internal regulations of the UP in Prešov (<https://www.unipo.sk/vzdelavanie/vnutorne-predpisy/>; https://www.unipo.sk/public/media/37750/OR_x-2021_zosuladovanie.pdf)
- Long-term plan of FHNS PU <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/rozvoj/dlhodoby-zamer/>

Selected characteristics of the study programme content are given directly in the Course Information Sheets, which are available from:

<https://student.unipo.sk/maisportal/studijneProgramy.mais.jsessionid=2544DDA91EC54DFD28389F06353EE34>
<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

b) *The institution compiles the recommended study plans for individual study paths⁸.*

Pursuant to Section 3 of Decree No. 614/2002 Coll. On the credit study system Courses included in the study programme Ecology and environmental studies (Master) according to the requirement of their completion are divided into:

- compulsory - their successful completion is a condition for successful completion of a part or the entire study programme,
- compulsory optional - the condition for successful completion of part or the entire study programme is the successful completion of a specified number of these subjects selected by the student in the study programme structure,
- optional - other subjects which the student has the possibility to enrol in order to supplement his/her studies and to obtain a sufficient number of credits in the relevant part of the study (§ 51(4)(i) of the Act).

Courses included in the study programme are divided according to their continuity into:

- subjects conditional on successful completion of other subjects; enrolment in such a subject is conditional on successful completion of another subject (a prerequisite subject) or other subjects,
- subjects without a requirement; enrolment in such a subject is not conditional on the completion of another one

The state examination (§ 63 (1) of the Act) is considered a subject.

Available from : https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2002/614/vyhlase_nenie.html

⁷ Selected characteristics of the content of the study programme can be stated directly in the Course information sheets or supplemented by the information of the Course information sheets.

⁸ In accordance with Decree no. 614/2002 Coll. on the study credit system and Act no. 131/2002 Coll. on Higher Education Institutions and on Amendments to Certain Acts.

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

Study Rules UP: <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

Rector's Decision no. 10/2021: https://www.unipo.sk/public/media/37750/OR_x-2021_zosuladovanie.pdf

c) The study plan generally states:

- individual parts of the study programme (modules, courses, and other relevant school and extracurricular activities, if they contribute to the achievement of the required learning outcomes and allow to obtain credits) in the structure of compulsory, compulsory optional and optional courses;

The recommended study plan of study programme Ecology and environmental studies (Master, full-time) is composed from compulsory and optional subjects.

Recommended study plan

Field of study: Ecological and Environmental sciences

Study programme: Ecology and environmental studies

Degree: 2nd (Master)

Form: full-time (2 years)

Ecology and environmental studies

A. Compulsory courses

Code	Compulsory units	ECTS credit	Load	Form of completion	Year	Semester	Name of the Teacher
	Geographical Information System	3	L-1 PS-1 per Week	Continuous assessment (PH)	1	1	RNDr. Lenka Demková, PhD.
	Forest ecology *	5	L-2 PS-1 per Week	Exam	1	1	Ing. Jozef Oboňa, PhD. RNDr. Lenka Demková, PhD.
	Analytical chemistry *	4	L-1 PS-2 per Week	Continuous assessment	1	1	Assoc. prof. Ruslan Mariychuk, CSc., RNDr. Romana Smolková, PhD., RNDr. Adriana Eliašová, PhD., RNDr. Daniela Gruľová, PhD.
	Biodiversity *	4	L-2 PS-1 per Week	Exam	1	1	Assoc. prof. Mgr. Peter Manko, PhD., Assoc. prof. Mgr. Martin Hromada, PhD.,
	Introduction to Environmental Science	4	L-2 S-1 per Week	Exam	1	1	RNDr. Radoslav Smolák, PhD.
	Landscape ecology	5	L-2 PS-1 per Week	Exam	1	1	Ing. Jozef Oboňa, PhD.
	Diploma Thesis Seminar 1	2	S-1 per Week	Completion	1	2	Ing. Jozef Oboňa, PhD. prof. PaedDr. Ján Koščo, PhD.
	Soil ecology *	3	L-1 S-1 per Week	Exam	1	2	RNDr. Beáta Baranová, PhD., RNDr. Lenka Demková, PhD.
	Large ecological practicum	4	L-0 S-0 PS-0 L-0 per Week	Completion	1	2	Assoc. prof. Mgr. Martin Hromada, PhD., PaedDr. Jakub Fedorčák, PhD., Ing. Jozef Oboňa, PhD.
	Limnoecology *	5	L-2 PS-1 per Week	Exam	1	2	Assoc. prof. Mgr. Peter Manko, PhD., PaedDr. Jakub Fedorčák, PhD., prof. PaedDr. Ján Koščo, PhD.,
	Chemistry of the Environment *	4	L-2 S-1 per Week	Exam	1	2	RNDr. Lenka Demková, PhD.
	Biological principles of nature protection *	5	L-2 PS-1 per Week	Exam	2	3	Assoc. prof. Mgr. Martin Hromada, PhD
	Global problems of the environment	3	L-1 S-1 per Week	Exam	2	3	RNDr. Beáta Baranová, PhD., RNDr. Lenka Demková, PhD.
	Evolutionary ecology *	4	L-2 S-1 per Week	Continuous assessment	2	3	Assoc. prof. Mgr. Martin Hromada, PhD

	Environmental Education	4	L-2 S-1 per Week	Continuous assessment	2	3	Ing. Lenka Bobuřská, PhD.
	Professional practice 2 *	4	72 hours per week	Completion	2	4	Assoc. prof. Ing. Jozef Fejér, PhD
	Diploma Thesis Seminar 2 *	2	S-1 per Week Assoc. prof.	Completion	2	4	Ing. Jozef Oboňa, PhD. prof. PaedDr. Ján Koščo, PhD.

Compulsory units - subjects of the state final examination

Code	Compulsory units	ECTS credit	Load	Form of completion	Year	Semester	Name of the Teacher
	Diploma thesis defense	15		State exam	2	4	Prof. PaedDr. Ján Koščo, PhD.
	Ecology	5		State exam	2	4	Assoc. prof. Mgr. Martin Hromada, PhD, Assoc. prof. Mgr. Peter Manko, PhD., Assoc. prof. Ruslan Mariychuk, PhD., RNDr. Lenka Demková, PhD.

Notes:* Profile courses

A. compulsory optional courses

Code	Compulsory unit	ECTS credit	Load	Form of Completion	Year	Semester	Name of the Teacher
	Environmental monitoring *	3	L-1 PS-2 per Week	Continuous assessment	1	1	Assoc. prof. Mgr. Peter Manko, PhD., RNDr., Lenka Demková, PhD., RNDr. Lenka Bobuřská, PhD.
	Selected methods of applied ecology	3	L-1 PS-2 per Wee	Continuous assessment	1	1	RNDr. Daniela Gruřová, PhD., RNDr. Beáta Baranová, PhD., Assoc. prof. Ing. Jozef Fejér, PhD.
	Statistic 2	3	L-1 PS-1 per Week	Continuous assessment	1	1	PaedDr. Jakub Fedorčák, PhD.
	Ecophysiology and stress physiology of plants	4	L-1 PS-2 per Wee	Completion	1	2	RNDr. Daniela Gruřová, PhD.
	Lichen ecology	4	L-2 PS-1 per Week	Completion	1	2	Ing. Jozef Oboňa, PhD.
	Ecology of the agricultural landscape	4	L-2 PS-1 per Week	Continuous assessment	1	2	RNDr. Beáta Baranová, PhD.

	English Language 3	3	S-2 per Week	Continuous assessment	1	2	PeaDr. Erika Kofritová, PhD., Mgr. Lenka Gogová, PhD.
	New trends in ecology 4	4	L-2 S- 1 per Week	Continuous assessment	1	2	Assoc. prof. Mgr. Martin Hromada, PhD.
	Ecology and biodiversity of parasites	4	L-2 PS-1 per Week	Continuous assessment	1	2	Ing. Jozef Oboňa, PhD.
	Ecology and biodiversity of insects	4	L-2 PS-1 per Week	Continuous assessment	1	2	Assoc. prof. Mgr. Peter Manko, PhD., Ing. Jozef Oboňa, PhD., RNDr. Beáta Baranová, PhD.
	Ecology and biodiversity of the soil animals	4	L-2 PS-1 per Week	Continuous assessment	1	2	RNDr. Beáta Baranová, PhD.
	Agroecology*	3	L-1 S- 1 per Week	Continuous assessment	2	3	Assoc. prof. Ing. Jozef Fejér, PhD
	Molecular Ecology*	4	L-2 PS-1 per Week	Continuous assessment	2	3	Ing. Lenka Bobuřská, PhD., PaedDr. Jakub Fedorčák, PhD., RNDr. Beáta Baranová, PhD., RNDr. Michal Rendoš, PhD., RNDr, Radoslav Smořák, PhD., Assoc. prof. Mgr. Peter Manko, PhD.,
	Bird ecology	4	L-2 PS-1 per Week	Continuous assessment	2	3	Assoc. prof. Mgr. Martin Hromada, PhD.
	Ichthyology	4	L-2 PS-1 per Week	Continuous assessment	2	3	prof. PaedDr. Ján Koščo, PhD., PaedDr. Jakub Fedorčák, PhD
	New trends in ecology 5	4	L-2 S- 1 per Week	Continuous assessment	2	4	Assoc. prof. Mgr. Martin Hromada, PhD.

Notes:* Profile courses

Optional courses

Code	Compulsory unit	ECTS Credit	Load	Form of Completion	Year	Semester	Name of the Teacher
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	Professional Illustration	2	S-1 per week	Continuous assessment	1-2	1-3	Assoc. prof. Martin Hromada, PhD. Mgr. Jan Ondo, PhD..
	Popularization of Ecology	3	PS-1 per Week	Completion I	1-2	1-4	Ing. Lenka Bobuřská, PhD.
	Global environmental issues	2	L-1 per Week	Continuous assessment	1-2	2-4	RNDr. Beáta Baranová, PhD
	Waste management and EIA	2	S-1 per Week	Continuous assessment	2	4	RNDr. Beáta Baranová, PhD.
	Ecologist in the Labour Market	2	S-2 per Week	Completion	2	5.	Assoc. prof. Mgr. Peter Manko, PhD.
	Beekeeping 1	3	L-1 PS-2 per Week	Credit	1-2	1-3	Assoc. prof. Mgr. Peter Manko, PhD., Mgr. Stanislav Kowalski
	Beekeeping 2	3	L-1 PS-2 per Week	Credit	1-2	2-4	Assoc. prof. Mgr. Peter Manko, PhD., Mgr. Stanislav Kowalski

- **profile courses** of the relevant study path (specialization) within the study programme Ecology and environmental studies (Master) in Recommended study plan for Ecology and environmental studies (Master), are marked with * (asterisk).
 - for each learning part/course the learning outcomes, related criteria and rules of their assessment so that the learning objectives of the study programme are met (they can be stated only in the Course information sheets, in the Learning outcomes section and in the Course completion requirements),

Learning outcomes, criteria, and rules for assessment of individual courses and educational parts are given in the Course Information Sheets in the Learning Outcomes and Course Completion Requirements sections.

Course Information sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

- prerequisites, co-requisites and recommendations for the design of the study plan,
 - The precondition courses, i.e. prerequisites, the successful completion of which conditions the enrolment and study of the follow-up course are listed in the Course Information Sheets in the Precondition Courses section and are made available to students in the UP MAIS.

Courses creating links (interconnections), i.e. requiring continuity in the development of knowledge, abilities and especially practical skills are supplemented by prerequisites. The course prerequisite is listed in the MAIS with reference to the information sheet. The obligation given by the prerequisite must be fulfilled before enrolment in the next course. The course information sheet (MAIS) lists the course, the proper completion of which is a condition for enrolment in the course.

Course information sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

Study Rules: <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

- for each learning part of the study plan/course the applied educational activities (lecture, seminar, exercise, final work, project work, laboratory work, internship, excursion, field practice, professional practice, state exam, etc. or their combinations) suitable for achieving learning outcomes,

Educational activities, forms and methods for each course and for each educational activity are listed in the Course Information Sheets under Type, load and method of educational activities and are made available to students in MAIS UP.

Course Information sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

- *methods by which the educational activity is delivered – present, distant, combined (in accordance with the Course information sheets),*

The methods for the implementation of the learning activities are set out in the Course Information Sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>
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The syllabus for each course is listed in the Course Information Sheet.

During the assessment, the teachers providing the courses will give the working group access to other course materials and the content of the individual learning activities.

- *student workload ("extent" of individual courses and educational activities separately)⁹,*
 - Student workload within the individual courses and learning activities (contact and non-contact teaching and activities) of the RSP of the study programme Ecology and environmental studies (Master) is given in the individual course information sheets.
 - The RSP SP considers the credit system based on the principle of assessing the learner's workload. It uses the recommendations of the ECTS system for the accumulation and transfer of credits, which is based on the principle of transparency of learning, teaching and assessment processes.

ECTS Users' Guide 2015: <https://op.europa.eu/en/publication-detail/-/publication/da7467e6-8450-11e5-b8b7-01aa75ed71a1>

Course	Information	Sheets:
https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34		
Study Rules UP: https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf		
Rector's Directive 10/2021: https://www.unipo.sk/public/media/37750/OR_x-2021_zosuladovanie.pdf		

- *credits allocated to each part based on the learning outcomes achieved and the workload involved,*
 - The credits allocated to individual courses, learning outcomes and learning activities are attributed to the student's workload. The number of credits and the student's workload are specified separately in each Course Information Sheet. When determining the student workload, it has been assumed that 1 credit corresponds to 30 hours of student work.

Course Information Sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>
<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

- *the person responsible for the course (or a partner organization/person¹⁰) with an indication of the contact details,*
The names of the teachers providing individual courses and educational activities in accordance with the RSP are given in the Course Information Sheets.

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>
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prof. PaedDr. Ján Koščo, PhD., Email address:: jan.kosco@unipo.sk, Phone number:: (+421)0517570611, Address: Ul. 17. novembra 1, 080 01 Prešov

Assoc. profIng. Jozef Fejér, PhD., Email address:: jozef.fejer@unipo.sk, Phone number:: (+421)517570312, Address: Ul. 17. novembra 1, 080 01 Prešov

Assoc. profMgr. Martin Hromada, PhD., Email address:: Martin.hromada@unipo.sk, Phone number:: (+421)0517570204, Address: Ul. 17. novembra 1, 080 01 Prešov

Assoc. profMgr. Peter Manko, PhD., Email address:: peter.manko@unipo.sk, Phone number:: (+421)0517570608, Address: Ul. 17. novembra 1, 080 01 Prešov

Assoc. profRuslan Mariychuk, CSc., Email address:: ruslan.mariychuk@unipo.sk, Phone number:: (+421)517570312, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Beáta Baranová, PhD., Email address: address: beata.baranova@unipo.sk, Phone number: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov

Ing. Lenka Bobuľská, PhD., Email address: address: lenka.bobulska@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Lenka Demková, PhD., Email address: address: lenka.demkova@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Adriana Eliašová, PhD., Email address: address: adriana.eliasova@unipo.sk, Phone number: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Daniela Gruľová, PhD., Email address: address: daniela.grulova@unipo.sk, Phone number: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov

Ing. Jozef Oboňa, PhD., Email address: address: jozef.obona@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Michal Rendoš, PhD., Email address:: michal.rendos@unipo.sk, Phone number: (+421)0517570325, Address: Ul. 17. novembra 1, 080 01 Prešov

⁹ We recommend indicating the workload of contact and non-contact teaching in accordance with the ECTS Users' Guide 2015.

¹⁰ E.g. when providing the professional practice or other educational activities carried out outside the university.

PaedDr. Jakub Fedorčák, PhD., Email address: address: jakub.fedorcak@unipo.sk, Phone number: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov
 RNDr. Romana Smolková, PhD., Email address: address: romana.smolkova@unipo.sk, Phone number: (+421)0517570325, Address: Ul. 17. novembra 1, 080 01 Prešov
 RNDr. Radoslav Smolák, PhD., Email address: address: radoslav.smolak@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov
 PaedDr. Erika Kofritová, PhD., Email address: address: erika.kofritova@unipo.sk, Phone number: (+421)0517570177, Address: Ul. 17. novembra 1, 080 01
 Mgr. Jaroslav Ondo, PhD., Email address: jaroslav.ondo@unipo.sk, Phone number: (+421)0517570310, Address: Ul. 17. novembra 1, 08001 Prešov
 Mgr. Lenka Gogová, PhD., Email address: lenka.gogova@unipo.sk, Phone number: (+421)0517570177, Address: Ul. 17. novembra 1, 08001 Prešov

Course Information Sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>
<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

- *course teachers (or participating partner organizations/persons) (may also be mentioned in Course information sheets),*
 The names of the teachers providing individual courses and educational activities in accordance with the RSP are given in the Course Information Sheets.

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>
<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

prof. PaedDr. Ján Koščo, PhD., Email address:: jan.kosco@unipo.sk, Phone number:: (+421)0517570611, Address: Ul. 17. novembra 1, 080 01 Prešov
 Assoc. profIng. Jozef Fejér, PhD., Email address:: jozef.fejer@unipo.sk, Phone number:: (+421)517570312, Address: Ul. 17. novembra 1, 080 01 Prešov
 Assoc. profMgr. Martin Hromada, PhD., Email address:: Martin.hromada@unipo.sk, Phone number:: (+421)0517570204, Address: Ul. 17. novembra 1, 080 01 Prešov
 Assoc. profMgr. Peter Manko, PhD., Email address:: peter.manko@unipo.sk, Phone number:: (+421)0517570608, Address: Ul. 17. novembra 1, 080 01 Prešov
 Assoc. profRuslan Mariychuk, CSc., Email address:: ruslan.mariychuk@unipo.sk, Phone number:: (+421)517570312, Address: Ul. 17. novembra 1, 080 01 Prešov
 RNDr. Beáta Baranova, PhD., Email address:: beata.baranova@unipo.sk, Phone number:: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov
 Ing. Lenka Bobuľská, PhD., Email address:: lenka.bobulska@unipo.sk, Phone number:: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov
 RNDr. Lenka Demková, PhD., Email address:: lenka.demkova@unipo.sk, Phone number:: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov
 RNDr. Adriana Eliašová, PhD., Email address:: adriana.eliasova@unipo.sk, Phone number:: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov
 RNDr. Daniela Gruľová, PhD., Email address:: daniela.grulova@unipo.sk, Phone number:: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov
 Ing. Jozef Oboňa, PhD., Email address:: jozef.obona@unipo.sk, Phone number:: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov
 RNDr. Michal Rendoš, PhD., Email address:: michal.rendos@unipo.sk, Phone number:: (+421)0517570325, Address: Ul. 17. novembra 1, 080 01 Prešov
 PaedDr. Jakub Fedorčák, PhD., Email address:: jakub.fedorcak@unipo.sk, Phone number:: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov
 RNDr. Romana Smolková, PhD., Email address:: romana.smolkova@unipo.sk, Phone number:: (+421)0517570325, Address: Ul. 17. novembra 1, 080 01 Prešov
 RNDr. Radoslav Smolák, PhD., Email address:: radoslav.smolak@unipo.sk, Phone number:: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov
 PaedDr. Erika Kofritová, PhD., Email address:: erika.kofritova@unipo.sk, Phone number:: (+421)0517570177, Address: Ul. 17. novembra 1, 080 01
 Mgr. Jaroslav Ondo, PhD., Email address: jaroslav.ondo@unipo.sk, Phone number:: (+421)0517570310, Address: Ul. 17. novembra 1, 08001 Prešov
 Mgr. Lenka Gogová, PhD., Email address: lenka.gogova@unipo.sk, Phone number:: (+421)0517570177, Address: Ul. 17. novembra 1, 08001 Prešov

Course Information Sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>
<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

- *places where the courses are taught (if the study programme is delivered at several workplaces).*
 Except for the field practicums and student internships carried out in the framework of the implementation of professional practices, all other subjects and educational activities of the RSP SP Ecology and environmental studies (Master) are implemented in the classrooms

(room 226, 227a, 229 and 174) and the laboratory of eco-chemistry (room 229) and applied ecology (room 227). For the specific laboratory activities that students carry out in connection with their theses, there is also an animal and plant ecophysiology laboratory (room 224), an aquatic insect ecology laboratory (room 287), an experimental chemistry laboratory (room 228), an evolutionary ecology laboratory and museum (room 163), and a fish ecology laboratory in the Technicom Science Park. The school grounds of the Department of Ecology of the Faculty of Humanities and Natural Sciences of the University of Prešov are also used for practical exercises.

- 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.*
 - E) The student is obliged to obtain the necessary number of credits in the study programme, the distribution and total number of which is determined by the accredited study programme. The standard student load for the whole academic year is expressed as 60 credits, per semester 30 credits.
 - F) The number of credits, the achievement of which is a condition for the proper completion of studies, for a first-degree study programme with a standard length of study shall be at least 120 credits. The duration of the study may not exceed the standard length of the study programme by more than two years, according to the study regulations.
 - G) All the information required under (d) is provided in Articles 10 through 22 of the 2018 Study Rules UP.
 - H) Link: : <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>
 - I) Rector's Decision No. 10/2021: https://www.unipo.sk/public/media/37750/OR_x-2021_zosuladovanie.pdf
- d) *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:*
- *number of credits for compulsory courses required for proper completion of studies/completion of a part of studies,*
According to the RSP SP Ecology and environmental studies it is:
1st year of study: 43 credits
2nd year of study: 22 credits
Number of credits for compulsory courses for regular completion of studies: 65 credits
 - *number of credits for compulsory optional courses required for the proper completion of studies/completion of a part of studies,*
According to the RSP of Ecology and environmental studies, a student must earn a minimum of 35 credits and a maximum of 59 credits for the compulsory optional courses in the study programme.
 - *number of credits for optional courses required for the proper completion of studies/completion of a part of studies,*
According to the RSP of Ecology and environmental studies, a student can earn a maximum of 6 credits for optional courses.
- The student enrolls in optional courses so that the sum of their credit allocation constitutes a maximum of 5% of the total number of credits (the achievement of which is a condition for the proper completion of studies. Optional courses taken or accepted in excess of 5% are not counted towards the number of credits required for the proper completion of studies. All completed courses are listed in the Diploma Supplement
Study Rules UP: <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>
Rector's Decision No. 10/2021: https://www.unipo.sk/public/media/37750/OR_x-2021_zosuladovanie.pdf
- *number of credits required for the completion of studies/completion of a part of the studies for the common foundations and for the relevant specialization, in the case of a teaching combination study programme or a translation combination study programme,*

It is not a teacher training combination programme
 - *number of credits for the Master's thesis and the defence of the Master's thesis required for the proper completion of studies,*

The total number of credits for the bachelor thesis including the defence is 20. For the subject of the state examination Master's thesis defence the student receives 15 credits.
 - *number of credits for professional practice required for the proper completion of studies/completion of a part of studies,*

The total number of credits for professional practice (subject Professional Practice 2, 4th semester) is 4.
 - *number of credits required for the proper completion of studies/completion of a part of the studies for project work with the indication of relevant courses in engineering study programmes,*

It is not an engineering degree programme.
 - *number of credits required for the proper completion of studies/completion of a part of the studies for artistic performances in addition to the final thesis in art study programmes.*

It is not a study programme with an artistic focus.
- e) *The institution describes the rules for verification of learning outcomes, students' assessment and the possibilities of appealing against the assessment.*

The rules for the verification of learning outcomes and the assessment of students and the possibilities of corrective procedures against this assessment state:

- Art. 15 through 22 of the Study Rules UP of 2018:

<https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

- Disciplinary Regulations of the UP in Prešov

https://www.unipo.sk/public/media/files/docs/u/svk/disciplinarny_poriadok_08.pdf

d) *Conditions for recognition of studies or a part of studies.*

The conditions under which courses of study or credits are recognised are set out in Article 20 of the Study Rules. The application for recognition of a course and the award of credits for the course in question is submitted by the student to the study department of the home faculty or university.

Study Rules UP: <https://www.unipo.sk/public/media/11422/Study%20Rules%20of%20the%20University%20of%20Presov.pdf>

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

Each year, in accordance with the Study Rules of the UP in Prešov, the Faculty publishes a list of thesis topics through individual departments, no later than by the November 30 of the given academic year. The thesis topics are approved by the head of the Faculty of Humanities and Natural Sciences so that the sum of the thesis topics at the first and second level of study, conducted by one employee, does not exceed ten in one academic year. When approving the topics, it must also be ensured that the supervisor of the thesis has at least one level of higher education or qualification than the supervisor of the thesis (the only exceptions are practitioners), and that the topic corresponds to the supervisor's scientific and pedagogical profile. Given the average number of students admitted in each academic year and the number of students carrying out theses at the applicant's place of work, we assume that the fulfilment of the criterion will be trouble-free.

The thesis topics are regularly published in MAIS UP (<https://www.unipo.sk/cvtpu/hlavne-sekcie/MAIS/intro/>) and on the websites of faculty departments or teachers (Department of Ecology: <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/prestudentov/>).

e) *The institution describes or refers to:*

rules for the assignment, processing, opposition, defense and evaluation of final theses in the study programme,

The University has established a coherent system of processes ensuring the procedure for the preparation and organisation of theses at all levels of study. The basic document is the Directive on the requirements of theses, their bibliographic registration, originality control, preservation, and accessibility, issued by the UP Rector in 2019. The Directive specifies the general provisions, basic concepts, characteristics and formality of theses, ethics and technique of citation and bibliographic references, structure of the thesis, submission, originality control and accessibility, the competence of the University, its components, and the competence of the author of the thesis, information about the central register of theses and the competence of the Ministry and the University, final provisions.

Available at: <https://www.pulib.sk/web/data/pulib/subory/stranka/ezp-smernica2019.pdf>

The specific procedures for the definition of the final theses in the Bachelor's degree, their processing, defence and evaluation are specified in the UP Study Regulations in Article 28, paragraphs 1-30.

The total number of credits for the Bachelor's thesis including the defence is 16.

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

The UP Study Rules, in the section on the organisation of educational activities, address the student's right to complete part of his/her studies at another higher education institution in the Slovak Republic or abroad. Approval for mobility is granted by the dean/rector or the vice-rector for international affairs and marketing. The part of the study is recognised in accordance with the Treaty, the European Standard and the European Credit Transfer System. The Rector's Decision "Procedure for the implementation of outgoing student mobility within the Erasmus+ programme" is issued at the University of Prešov (UP) on the basis of the provisions of Section 15(1)(l) of Act No. 131/2002 Coll. on Higher Education and on Amendments and Additions to Certain Acts, as amended. With this Rector's Decision, the UP management determines the activities of individual actors related to the realisation of student mobility abroad under the Erasmus+ programme. Introductory provisions The Rector's Decision responds to the main ideas of the Bologna Process. In designing the quality of education, UP applies the approaches declared in the current concepts of determining and evaluating learning outcomes. The Rector's Decision is drawn up in accordance with Section 87a of the Higher Education Act.

For incoming students, credits are assessed on the basis of their acquisition, i.e. the degree of compliance of the completed coursework with the given study programme is evaluated by the guarantor of the study. In the case of a match, the credits are accepted, or the missed coursework can be made up within the requirements of the study programme.

Student mobility is arranged and guided by a coordinator appointed by the Rector or Dean. His/her task is to prepare and execute the programme of international cooperation in the educational field, to deal with the tasks related to the placement and admission of students, and to provide advisory services to students on the possibilities of studying at other universities in the Slovak Republic and abroad.

Study Rules UP: <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

University website: <https://www.unipo.sk/search/?q=mobility>

FHNS websit: <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/vyzvy-mob-stud/>

UP Rector's Decision: <https://www.unipo.sk/public/media/10602/Opatrenie-rektora-8-05-31.pdf>

- *rules for adherence to academic ethics and rules for drawing consequences,*
The rules of academic ethics and consequences are stated in the document Code of Ethics of the University of Prešov.
Research Integrity and Ethics available from:
<https://www.unipo.sk/public/media/38250/Etick%C3%BD%20k%C3%B3dex%20Pre%C5%A1ovskej%20univerzity%20v%20Pre%C5%A1ove.pdf> a Complaints Act 2009: <https://www.slov-lex.sk/pravne-predpisy/SK/ZZ/2010/9/>
- *procedures applicable to students with special needs,*
The diversity of student needs (special needs) is accepted within the scope of the Methodology Guide document. In accordance with Section 100(11) of Act No. 131/2002 Coll. on Higher Education and on Amendments and Additions to Certain Acts, as amended (hereinafter referred to as the "Higher Education Act") and Decree No. 458/2012 Coll. on Minimal Requirements for Students with Specific Needs, the document creates a generally accessible academic environment and appropriate study conditions for students with specific needs without reducing the requirements for their study performance.
Methodology Guide: https://www.unipo.sk/public/media/0190/METODIKA_%C5%A0%C5%A0P_april2017.pdf
- *procedures for filing complaints and appeals by students.*
For student complaints and appeals, the procedures regarding:
 - admission to the school,
 - examinations
 - accommodation
 - criminal activity
 are governed by the Complaints Act No. 9/2010 Coll. and its amendment No. 94/2017 Coll. (<https://www.aspi.sk/products/lawText/1/88314/1/2/zakon-c-94-2017-zz-ktorym-sa-meni-a-doplna-zakon-c-9-2010-zz-o-staznostiach-v-zneni-neskorsich-predpisov/zakon-c-94-2017-zz-ktorym-sa-meni-a-doplna-zakon-c-9-2010-zz-o-staznostiach-v-zneni-neskorsich-predpisov>).

Upon a justified case, the student has the possibility to request the correction of the results of the assessment. A student is entitled to two make-up examination dates in a given course in the academic year in which the course is enrolled, within the announced examination dates and the academic year schedule. At the student's request, the examiner will allow a make-up examination even if the student has successfully passed the regular examination date. A make-up examination date will be registered in the MAIS. If the student requests it, the Vice-Dean/Provost for Educational Affairs may allow a make-up examination to be given in justified cases before a committee appointed by the Dean/Provost. A board examination may be demanded from the faculty's study department no later than five working days after the regular examination date or the first make-up examination date. Students can submit suggestions via the "black box", i.e. in the form of an anonymous electronic form. Suggestions are registered through the student representatives of the AS FHNS, who then delegate them to the relevant departments according to the content of the suggestion.

Study Rules UP: <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

Black Box FHNS: <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/informacie-pre-studentov/cierna-skrinka/>

5. Course information sheets of the study programme

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

The information sheets of all courses of the study programme Ecology and environmental studies (Master) are located in Part IV. 7.

Additional supplementary information to the application for accreditation and are available from:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

6. Current academic year plan and current schedule (or hyperlink).

The current academic year schedule can be found on the FHNS UP website in the section - students. Available from:

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/vzdelavanie/harmonogram/>

The current timetable of the study programme Ecology and environmental studies for the academic year 2021/2022 is available in the MAIS information system - public portal. Available from: <https://student.unipo.sk/maisportal/rozvrhy.mais>

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).

Main guarantor:

Prof. PaedDr. Ján Koščo., tenure: Profesor, E-mail address: jan.kosco@unipo.sk, Phone number: (+421)0517570611, Address: Ul. 17. novembra 08001 Prešov; (<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/kosco/>)

Co-guarantors:

Associate Prof. Mgr. Martin Hromada, PhD., tenure: associate profesor, E-mail address: martin.hromada@unipo.sk, Phone number: (+421)0517570204, Address: Ul. 17. novembra 08001 Prešov; (<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/hromada/>)

Associate Prof. Mgr. Peter Manko, PhD., tenure: : associate profesor, E-mail address: peter.manko@unipo.sk, Phone number: (+421)0517570608, Address: Ul. 17. novembra 08001 Prešov; (<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/manko/>)

Associate Prof. Ruslan Mariychuk, CSc., tenure: associate profesor, E-mail address: ruslan.mariychuk@unipo.sk, Phone number: (+421)517570312, Address: Ul. 17. novembra 08001 Prešov; (<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/mariychuk/>)

RNDr. Lenka Demková, PhD., tenure: associate profesor, E-mail address: lenka.demkova@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 08001 Prešov; (<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/demkova/>)

- a) 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).

Person contact	Profile courses	Link to Register of University Staff
prof. PaedDr. Ján Koščo, PhD. Email address: jan.kosco@unipo.sk Phone number: (+421)0517570611 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology	https://www.portalvs.sk/regzam/detail/6561
Assoc. prof. Ruslan Mariychuk, CSc. Email address: ruslan.mariychuk@unipo.sk Phone number: (+421)517570312 Address: Ul. 17. novembra 1 08001 Prešov	Analytic Chemistry	https://www.portalvs.sk/regzam/detail/20408
Assoc. prof. Mgr. Peter Manko, PhD. Email address: peter.manko@unipo.sk Phone number: (+421)0517570608 Address: Ul. 17. novembra 1 08001 Prešov	General ecology Ecological methodology Biological invasions	https://www.portalvs.sk/regzam/detail/6510
Assoc. prof. Mgr. Martin Hromada, PhD. Email address: martin.hromada@unipo.sk Phone number: (+421)0517570204 Address: Ul. 17. novembra 1 08001 Prešov	Biodiversity Biological principles of nature protection Evolutionary ecology	https://www.portalvs.sk/regzam/detail/6244
Assoc. prof. Ing. Jozef Fejér, PhD. Email address: jozef.fejer@unipo.sk Phone number: (+421)517570312 Address: Ul. 17. novembra 1 08001 Prešov	Agroecology Professional practice 2	https://www.portalvs.sk/regzam/detail/6212
Ing. Jozef Oboňa, PhD. Email address: jozef.obona@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Forest ecology Diploma Thesis Seminar 1 Diploma Thesis Seminar 2	https://www.portalvs.sk/regzam/detail/22431
Ing. Lenka Bobuľská, PhD. Email address: lenka.bobulska@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Environmental monitoring Molecular Ecology	https://www.portalvs.sk/regzam/detail/22168

RNDr. Lenka Demková, PhD. Email address lenka.demkova@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Chemistry of the Environment Environmental monitoring Forest ecology	https://www.portalvs.sk/regzam/detail/23555
RNDr. Adriana Eliašová, PhD. Email address adriana.eliasova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/6222
RNDr. Daniela Gruľová, PhD. Email address daniela.grulova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/19319
RNDr. Beáta Baranová, PhD. Email address beata.baranova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Soil ecology Molecular Ecology	https://www.portalvs.sk/regzam/detail/20406
RNDr. Romana Smolková, PhD. Email address romana.smolkova@unipo.sk Phone number: (+421)0517570325 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/29468
PaedDr. Jakub Fedorčák, PhD. Email address jakub.fedorcak@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology Molecular Ecology	https://www.portalvs.sk/regzam/detail/29156

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

prof. PaedDr. Ján Koščo, PhD.

– <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/kosco/>

Assoc. Prof. Ruslan Mariychuk, CSc.

– <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/mariychuk/>

Assoc. Prof. Mgr. Peter Manko, PhD.

– <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/manko/>

Assoc. Prof. Mgr. Martin Hromada, PhD.

– <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/hromada/>

Assoc. Prof. Ing. Jozef Fejér, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/fejer/>

Ing. Jozef Oboňa, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/obona/>

Ing. Lenka Bobuľská, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/bobulska/>

RNDr. Lenka Demková, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/demkova/>

RNDr. Adriana Eliašová, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/eliasova/>

RNDr. Daniela Gruľová, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/grulova/>

RNDr. Beáta Baranová, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/baranova/>

RNDr. Romana Smolková, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/smolkova/>

- b) 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).

Person contact	Course	Link to Register of University Staff
prof. PaedDr. Ján Koščo, PhD. Email address: jan.kosco@unipo.sk Phone number: (+421)0517570611 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology Ichthyology Diploma Thesis Seminar 1 Diploma Thesis Seminar 2	https://www.portalvs.sk/regzam/detail/6561
Assoc. prof. Ruslan Mariychuk, CSc. Email address: ruslan.mariychuk@unipo.sk Phone number: (+421)517570312 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/20408
Assoc. prof. Mgr. Peter Manko, PhD. Email address: peter.manko@unipo.sk Phone number: (+421)0517570608 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology Environmental monitoring Biodiversity Ecology and biodiversity of parasites Beekeeping 1, 2	https://www.portalvs.sk/regzam/detail/6510
Assoc. prof. Mgr. Martin Hromada, PhD. Email address: martin.hromada@unipo.sk Phone number: (+421)0517570204 Address: Ul. 17. novembra 1 08001 Prešov	Biodiversity Biological principles of nature protection Evolutionary ecology Large ecological practicum New trends in ecology 4 New trends in ecology 5 Bird ecology	https://www.portalvs.sk/regzam/detail/6244
Assoc. prof. Ing. Jozef Fejér, PhD. Email address: jozef.fejer@unipo.sk Phone number: (+421)517570312 Address: Ul. 17. novembra 1 08001 Prešov	Agroecology Professional practice 2 Selected methods of applied ecology	https://www.portalvs.sk/regzam/detail/6212
Ing. Jozef Oboňa, PhD. Email address: jozef.obona@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Forest ecology Diploma Thesis Seminar 1 Diploma Thesis Seminar 2 Landscape ecology Large ecological practicum Lichen ecology Ecology and biodiversity of parasites	https://www.portalvs.sk/regzam/detail/22431
Ing. Lenka Bobuľská, PhD. Email address: lenka.bobulska@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Environmental monitoring Molecular Ecology Popularization of Ecology Environmental Education	https://www.portalvs.sk/regzam/detail/22168
RNDr. Lenka Demková, PhD. Email address: lenka.demkova@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Chemistry of the Environment Environmental monitoring Geographical Information System Global environmental issues	https://www.portalvs.sk/regzam/detail/23555
RNDr. Adriana Eliašová, PhD. Email address: adriana.eliasova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/6222
RNDr. Daniela Gruľová, PhD. Email address: daniela.grulova@unipo.sk	Analytical chemistry Selected methods of applied ecology	https://www.portalvs.sk/regzam/detail/19319

Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Ecophysiology and stress physiology of plants	
RNDr. Beáta Baranová, PhD. Email address: beata.baranova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Soil ecology Molecular Ecology Selected methods of applied ecology Ecology of the agricultural landscape Ecology and biodiversity of parasites Ecology and biodiversity of the soil animals Global environmental issues Waste management and EIA Global environmental issues	https://www.portalvs.sk/regzam/detail/20406
RNDr. Romana Smolková, PhD. Email address: romana.smolkova@unipo.sk Phone number: (+421)0517570325 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/29468
PaedDr. Jakub Fedorčák, PhD. Email address: jakub.fedorcak@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology Molecular Ecology Statistic 2 Large ecological practicum Ichthyology	https://www.portalvs.sk/regzam/detail/29156
RNDr. Michal Rendoš, PhD. Email address: michal.rendos@unipo.sk Phone number: (+421)0517570325 Address: Ul. 17. novembra 1 08001 Prešov	Molecular Ecology	https://www.portalvs.sk/regzam/detail/29467
RNDr. Radoslav Smolák, PhD. Email address: radoslav.smolak@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Molecular Ecology Introduction to Environmental Science	https://www.portalvs.sk/regzam/detail/6707
PaedDr. Erika Kofritová, PhD. Email address: erika.kofritova@unipo.sk Phone number: (+421)0517570177 Address: Ul. 17. novembra 1 08001 Prešov	English language 1 English language 2	https://www.portalvs.sk/regzam/detail/17863
Mgr. Jaroslav Ondo, PhD. Email address: jaroslav.ondo@unipo.sk Phone number: (+421)0517570310 Address: Ul. 17. novembra 1 08001 Prešov	Professional Illustration	https://www.portalvs.sk/regzam/detail/6551

- **profile courses** of the relevant study path (specialization) within the study programme Ecology and environmental studies (Bachelor) in Recommended study plan, are marked with * (asterisk).
 - for each learning part/course the learning outcomes, related criteria and rules of their assessment so that the learning objectives of the study programme are met (they can be stated only in the Course information sheets, in the Learning outcomes section and in the Course completion requirements),

Learning outcomes, criteria, and rules for assessment of individual courses and educational parts are given in the Course Information Sheets in the Learning Outcomes and Course Completion Requirements sections.
Course Information sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>
<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

- prerequisites, co-requisites and recommendations for the design of the study plan,
- The precondition courses, i.e. prerequisites, the successful completion of which conditions the enrolment and study of the follow-up course are listed in the Course Information Sheets in the Precondition Courses section and are made available to students in the UP MAIS.

Courses creating links (interconnections), i.e. requiring continuity in the development of knowledge, abilities and especially practical skills are supplemented by prerequisites. The course prerequisite is listed in the MAIS with reference to the information sheet. The obligation given by the prerequisite must be fulfilled before enrolment in the next course. The course information sheet (MAIS) lists the course, the proper completion of which is a condition for enrolment in the course.

Course information sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

Study Rules UP: <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

- for each learning part of the study plan/course the applied educational activities (lecture, seminar, exercise, final work, project work, laboratory work, internship, excursion, field practice, professional practice, state exam, etc. or their combinations) suitable for achieving learning outcomes,

Educational activities, forms and methods for each course and for each educational activity are listed in the Course Information Sheets under Type, load and method of educational activities and are made available to students in MAIS UP.

Course Information sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

- methods by which the educational activity is delivered – present, distant, combined (in accordance with the Course information sheets),

The methods for the implementation of the learning activities are set out in the Course Information Sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

- outline/syllabus of the course¹¹,

The syllabus for each course is listed in the Course Information Sheet.

During the assessment, the teachers providing the courses will give the working group access to other course materials and the content of the individual learning activities.

- student workload ("extent" of individual courses and educational activities separately)¹²,
 - Student workload within the individual courses and learning activities (contact and non-contact teaching and activities) of the RSP of the study programme Ecology and environmental studies (Master) is given in the individual course information sheets.
 - The RSP SP considers the credit system based on the principle of assessing the learner's workload. It uses the recommendations of the ECTS system for the accumulation and transfer of credits, which is based on the principle of transparency of learning, teaching and assessment processes.
- ECTS Users' Guide 2015: <https://op.europa.eu/en/publication-detail/-/publication/da7467e6-8450-11e5-b8b7-01aa75ed71a1>

Course Information Sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

Study Rules UP: <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

[Rector's Directive 10/2021: https://www.unipo.sk/public/media/37750/OR_x-2021_zosuladovanie.pdf](https://www.unipo.sk/public/media/37750/OR_x-2021_zosuladovanie.pdf)

- credits allocated to each part based on the learning outcomes achieved and the workload involved,
 - The credits allocated to individual courses, learning outcomes and learning activities are attributed to the student's workload. The number of credits and the student's workload are specified separately in each Course Information Sheet. When determining the student workload, it has been assumed that 1 credit corresponds to 30 hours of student work.

Course Information Sheets:

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<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

the person responsible for the course (or a partner organization/person¹³) with an indication of the contact details

The names of the teachers providing individual courses and educational activities in accordance with the RSP are given in the Course Information Sheets.

Course Information Sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

¹¹ During the assessment, teachers responsible for the course will allow the working group access to the study materials of the course and the content of individual educational activities.

¹² We recommend indicating the workload of contact and non-contact teaching in accordance with the ECTS Users' Guide 2015.

¹³ E.g. when providing the professional practice or other educational activities carried out outside the university.

prof. PaedDr. Ján Koščo, PhD., Email address:jan.kosco@unipo.sk, Phone number: (+421)0517570611, Address: Ul. 17. novembra 1, 080 01 Prešov

Assoc. prof. Ing. Jozef Fejér, PhD., Email address:jozef.fejer@unipo.sk, Phone number: (+421)517570312, Address: Ul. 17. novembra 1, 080 01 Prešov

Assoc. prof. Mgr. Martin Hromada, PhD., Email address:Martin.hromada@unipo.sk, Phone number: (+421)0517570204, Address: Ul. 17. novembra 1, 080 01 Prešov

Assoc. prof. Mgr. Peter Manko, PhD., Email address:peter.manko@unipo.sk, Phone number: (+421)0517570608, Address: Ul. 17. novembra 1, 080 01 Prešov

Assoc. prof. Ruslan Mariychuk, CSc., Email address:ruslan.mariychuk@unipo.sk, Phone number: (+421)517570312, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Beáta Baranová, PhD., Email address:beata.baranova@unipo.sk, Phone number: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov

Ing. Lenka Bobuľská, PhD., Email address:lenka.bobulska@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Lenka Demková, PhD., Email address:lenka.demkova@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Adriana Eliašová, PhD., Email address:adriana.eliasova@unipo.sk, Phone number: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov

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Ing. Jozef Oboňa, PhD., Email address:jozef.obona@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Michal Rendoš, PhD., Email address:michal.rendos@unipo.sk, Phone number: (+421)0517570325, Address: Ul. 17. novembra 1, 080 01 Prešov

PaedDr. Jakub Fedorčák, PhD., Email address:jakub.fedorcak@unipo.sk, Phone number: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Romana Smolková, PhD., Email address:romana.smolkova@unipo.sk, Phone number: (+421)0517570325, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Radoslav Smolák, PhD., Email address:radoslav.smolak@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov

PaedDr. Erika Kofritová, PhD., Email address:erika.kofritova@unipo.sk, Phone number: (+421)0517570177, Address: Ul. 17. novembra 1, 080 01

Mgr. Jaroslav Ondo, PhD., Email address:jaroslav.ondo@unipo.sk, Phone number: (+421)0517570310, Address: Ul. 17. novembra 1, 08001 Prešov

Mgr. Lenka Gogová, PhD., Email address:lenka.gogova@unipo.sk, Phone number: (+421)0517570177, Address: Ul. 17. novembra 1, 08001 Prešov

Course Information Sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

- course teachers (or participating partner organizations/persons) (may also be mentioned in Course information sheets),
- The names of the teachers providing individual courses and educational activities in accordance with the RSP are given in the Course Information Sheets.

Course Information Sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

<https://app.box.com/s/9z296u21962s0z8p8j2vrlv6298rira4>

prof. PaedDr. Ján Koščo, PhD., Email address: jan.kosco@unipo.sk, Phone number: (+421)0517570611, Address: Ul. 17. novembra 1, 080 01 Prešov

Assoc. prof. Ing. Jozef Fejér, PhD., Email address: jozef.fejer@unipo.sk, Phone number: (+421)517570312, Address: Ul. 17. novembra 1, 080 01 Prešov

Assoc. prof. Mgr. Martin Hromada, PhD., Email address: Martin.hromada@unipo.sk, Phone number: (+421)0517570204, Address: Ul. 17. novembra 1, 080 01 Prešov

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Assoc. prof. Ruslan Mariychuk, CSc., Email address: ruslan.mariychuk@unipo.sk, Phone number: (+421)517570312, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Beáta Baranová, PhD., Email address: beata.baranova@unipo.sk, Phone number: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov

Ing. Lenka Bobuľská, PhD., Email address: lenka.bobulska@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov

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RNDr. Adriana Eliašová, PhD., Email address: adriana.eliasova@unipo.sk, Phone number: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov

RNDr. Daniela Gruľová, PhD., Email address: daniela.grulova@unipo.sk, Phone number: (+421)0517570600, Address: Ul. 17. novembra 1, 080 01 Prešov

Ing. Jozef Oboňa, PhD., Email address: jozef.obona@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov
 RNDr. Michal Rendoš, PhD., Email address: michal.rendos@unipo.sk, Phone number: (+421)0517570325, Address: Ul. 17. novembra 1, 080 01 Prešov
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 RNDr. Radoslav Smolák, PhD., Email address: radoslav.smolak@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 1, 080 01 Prešov
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 Mgr. Jaroslav Ondo, PhD., Email address: jaroslav.ondo@unipo.sk, Phone number: (+421)0517570310, Address: Ul. 17. novembra 1, 08001 Prešov
 Mgr. Lenka Gogová, PhD., Email address: lenka.gogova@unipo.sk, Phone number: (+421)0517570177, Address: Ul. 17. novembra 1, 08001 Prešov

Course Information Sheets:

<https://student.unipo.sk/maisportal/studijneProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>
<https://app.box.com/s/cjiq0d2omin5ll4zji8cf3x1vkc4d77o>

- places where the courses are taught (if the study programme is delivered at several workplaces).

Except for the field practices and student internships carried out as part of the implementation of professional practices, all other subjects and educational activities of the RSP SP Ecology and environmental studies are carried out in the classrooms (room 226, 227a, 229 and 174) and the laboratory of eco-chemistry (room 229) and applied ecology (room 227). For the specific laboratory activities that students carry out in connection with their bachelor theses, there is also an animal and plant ecophysiology laboratory (room 224), an aquatic insect ecology laboratory (room 287), an experimental chemistry laboratory (room 228), an evolutionary ecology laboratory and museum (room 163), and a fish ecology laboratory in the Technicom Science Park. The school grounds of the Department of Ecology of the Faculty of Humanities and Natural Sciences UP are also used for practical exercises.

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 student is obliged to obtain the necessary number of credits in the study programme, the distribution and total number of which is determined by the accredited study programme. The standard student load for the whole academic year is expressed as 60 credits, per semester 30 credits.

The number of credits, the achievement of which is a condition for the proper completion of studies, for a first-degree study programme with a standard length of study shall be at least 180 credits. The duration of the study may not exceed the standard length of the study programme by more than two years, according to the study regulations.

All the information required under (d) is provided in Articles 10 through 22 of the 2018 Study Rules UP.

Link: : <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

Rector's Decision No. 10/2021: https://www.unipo.sk/public/media/37750/OR_x-2021_zosuladovanie.pdf

- f) 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:*

- number of credits for compulsory courses required for proper completion of studies/completion of a part of studies,

According to the RSP SP Ecology and environmental studies it is:

1st year of study: 43 credits

2nd year of study: 22 credits

Number of credits for compulsory courses for regular completion of studies: 65 credits

- number of credits for compulsory optional courses required for the proper completion of studies/completion of a part of studies,
According to the RSP of Ecology and environmental studies, a student must earn a minimum of 35 credits and a maximum of 59 credits for the compulsory optional courses in the study programme.

- number of credits for optional courses required for the proper completion of studies/completion of a part of studies,
According to the RSP of Ecology and environmental studies, a student can earn a maximum of 6 credits for optional courses. The student enrolls in optional courses so that the sum of their credit allocation constitutes a maximum of 5% of the total number of credits (the achievement of which is a condition for the proper completion of studies. Optional courses taken or accepted in excess of 5% are not counted towards the number of credits required for the proper completion of studies. All completed courses are listed in the Diploma Supplement.

Study Rules UP: <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

Rector's Decision No. 10/2021: https://www.unipo.sk/public/media/37750/OR_x-2021_zosuladovanie.pdf

- number of credits required for the completion of studies/completion of a part of the studies for the common foundations and for the relevant specialization, in the case of a teaching combination study programme or a translation combination study programme,

It is not a teacher training combination programme

- *number of credits for the Bachelor thesis and the defense of the Bachelor thesis required for the proper completion of studies,*

The total number of credits for the bachelor thesis including the defence is 20. For the subject of the state examination Bachelor's thesis defence the student receives 15 credits.

- *number of credits for professional practice required for the proper completion of studies/completion of a part of studies,*

The total number of credits for professional practice (subject Professional Practice 2, 4th semester) is 4

- *number of credits required for the proper completion of studies/completion of a part of the studies for project work with the indication of relevant courses in engineering study programmes,*

It is not an engineering degree programme.

- *number of credits required for the proper completion of studies/completion of a part of the studies for artistic performances in addition to the final thesis in art study programmes.*

It is not a study programme with an artistic focus.

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

The rules for the verification of learning outcomes and the assessment of students and the possibilities of corrective procedures against this assessment state:

- Art. 15 through 22 of the Study Rules UP of 2018:

<https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

- Disciplinary Regulations of the UP in Prešov

https://www.unipo.sk/public/media/files/docs/u/svk/disciplinarny_poriadok_08.pdf

- f) *Conditions for recognition of studies or a part of studies.*

The conditions under which courses of study or credits are recognised are set out in Article 20 of the Study Rules. The application for recognition of a course and the award of credits for the course in question is submitted by the student to the study department of the home faculty or university.

Study Rules UP: <https://www.unipo.sk/public/media/11422/Study%20Rules%20of%20the%20University%20of%20Presov.pdf>

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

Each year, in accordance with the Study Rules of the UP in Prešov, the Faculty publishes a list of thesis topics through individual departments, no later than by the November 30 of the given academic year. The thesis topics are approved by the head of the Faculty of Humanities and Natural Sciences so that the sum of the thesis topics at the first and second level of study, conducted by one employee, does not exceed ten in one academic year. When approving the topics, it must also be ensured that the supervisor of the thesis has at least one level of higher education or qualification than the supervisor of the thesis (the only exceptions are practitioners), and that the topic corresponds to the supervisor's scientific and pedagogical profile. Given the average number of students admitted in each academic year and the number of students carrying out theses at the applicant's place of work, we assume that the fulfilment of the criterion will be trouble-free.

The thesis topics are regularly published in MAIS UP (<https://www.unipo.sk/cvtpu/hlavne-sekcie/MAIS/intro/>) and on the websites of faculty departments or teachers (Department of Ecology: <https://www.unipo.sk/fakulta-humanitnych-prirodnych-vied/katedry/ekologia-new/prestudentov/>).

- g) *The institution describes or refers to: rules for the assignment, processing, opposition, defence and evaluation of final theses in the study programme,*

The University has established a coherent system of processes ensuring the procedure for the preparation and organisation of theses at all levels of study. The basic document is the Directive on the requirements of theses, their bibliographic registration, originality control, preservation, and accessibility, issued by the UP Rector in 2019. The Directive specifies the general provisions, basic concepts, characteristics and formality of theses, ethics and technique of citation and bibliographic references, structure of the thesis, submission, originality control and accessibility, the competence of the University, its components, and the competence of the author of the thesis, information about the central register of theses and the competence of the Ministry and the University, final provisions.

Available at: <https://www.pulib.sk/web/data/pulib/subory/stranka/ezp-smernica2019.pdf>

The specific procedures for the definition of the final theses in the Master's degree, their processing, defence and evaluation are specified in the UP Study Regulations in Article 28, paragraphs 1-30.

The total number of credits for the Bachelor's thesis including the defence is 16.

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

The UP Study Rules, in the section on the organisation of educational activities, address the student's right to complete part of his/her studies at another higher education institution in the Slovak Republic or abroad. Approval for mobility is granted by the dean/rector or the vice-rector for international affairs and marketing. The part of the study is recognised in accordance with the Treaty, the European Standard and the European Credit Transfer System. The Rector's Decision "Procedure for the implementation of outgoing student mobility within the Erasmus+ programme" is issued at the University of Presov (UP) on the basis of the provisions of Section 15(1)(l) of Act No. 131/2002 Coll. on Higher Education and on Amendments and Additions to Certain Acts, as amended. With this Rector's Decision, the UP management determines the activities of individual actors related to the realisation of student mobility abroad under the Erasmus+ programme. Introductory provisions The Rector's Decision responds to the main ideas of the Bologna Process. In designing the quality of education, UP applies the approaches declared in the current concepts of determining and evaluating learning outcomes. The Rector's Decision is drawn up in accordance with Section 87a of the Higher Education Act.

For incoming students, credits are assessed on the basis of their acquisition, i.e. the degree of compliance of the completed coursework with the given study programme is evaluated by the guarantor of the study. In the case of a match, the credits are accepted, or the missed coursework can be made up within the requirements of the study programme.

Student mobility is arranged and guided by a coordinator appointed by the Rector or Dean. His/her task is to prepare and execute the programme of international cooperation in the educational field, to deal with the tasks related to the placement and admission of students, and to provide advisory services to students on the possibilities of studying at other universities in the Slovak Republic and abroad.

Study Rules UP: <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

University website: <https://www.unipo.sk/search/?q=mobility>

FHNS websit: <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/vyzvy-mob-stud/>

UP Rector's Decision: <https://www.unipo.sk/public/media/10602/Opatrenie-rektora-8-05-31.pdf>

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

The rules of academic ethics and consequences are stated in the document Code of Ethics of the University of Prešov.

Research Integrity and Ethics available from:

<https://www.unipo.sk/public/media/38250/ETick%C3%BD%20k%C3%B3dex%20Pre%C5%A1ovskej%20univerzity%20v%20Pre%C5%A1ove.pdf>

- *procedures applicable to students with special needs,*

The diversity of student needs (special needs) is accepted within the scope of the Methodology Guide document. In accordance with Section 100(11) of Act No. 131/2002 Coll. on Higher Education and on Amendments and Additions to Certain Acts, as amended (hereinafter referred to as the "Higher Education Act") and Decree No. 458/2012 Coll. on Minimal Requirements for Students with Specific Needs, the document creates a generally accessible academic environment and appropriate study conditions for students with specific needs without reducing the requirements for their study performance.

Methodology Guide: https://www.unipo.sk/public/media/0190/METODIKA_%C5%A0%C5%A0P_april2017.pdf

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

For student complaints and appeals, the procedures regarding:

- admission to the school,
- examinations
- accommodation
- criminal activity

are governed by the Complaints Act No. 9/2010 Coll. and its amendment No. 94/2017 Coll. (<https://www.aspi.sk/products/lawText/1/88314/1/2/zakon-c-94-2017-zz-ktorym-sa-meni-a-doplna-zakon-c-9-2010-zz-o-staznostiach-v-zneni-neskorsich-predpisov/zakon-c-94-2017-zz-ktorym-sa-meni-a-doplna-zakon-c-9-2010-zz-o-staznostiach-v-zneni-neskorsich-predpisov>).

Upon a justified case, the student has the possibility to request the correction of the results of the assessment. A student is entitled to two make-up examination dates in a given course in the academic year in which the course is enrolled, within the announced examination dates and the academic year schedule. At the student's request, the examiner will allow a make-up examination even if the student has successfully passed the regular examination date. A make-up examination date will be registered in the MAIS. If the student requests it, the Vice-Dean/Provost for Educational Affairs may allow a make-up examination to be given in justified cases before a committee appointed by the Dean/Provost. A board examination may be demanded from the faculty's study department no later than five working days after the regular examination date or the first make-up examination date. Students can submit suggestions via the "black box", i.e. in the form of an anonymous electronic form. Suggestions are registered through the student representatives of the AS FHNS, who then delegate them to the relevant departments according to the content of the suggestion.

Study Rules UP: <https://www.unipo.sk/public/media/0190/STUD%2024.9.18%20pdf.pdf>

Black Box FHNS: <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/informacie-pre-studentov/cierna-skrinka/>

5. Course information sheets of the study programme

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

The information sheets of all courses of the study programme Ecology and environmental studies (Master) are located in Part IV. 7.

Additional supplementary information to the application for accreditation and are available from:

<https://student.unipo.sk/maisportal/studiineProgramy.mais;jsessionid=2544DDDA91EC54DFD28389F06353EE34>

<https://app.box.com/s/cjiq0d2omin5ll4zji8cf3x1vkc4d770>

5. Current academic year plan and current schedule (or hyperlink).

The current academic year schedule can be found on the FHNS UP website in the section - students. Available from:

<https://www.unipo.sk/fakulta-humanitnych-prirodnch-vied/vzdelavanie/harmonogram/>

The current timetable of the study programme Ecology and environmental studies for the academic year 2021/2022 is available in the MAIS information system - public portal. Available from: <https://student.unipo.sk/maisportal/rozvrhy.mais>

6. Persons responsible for the study programme

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

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).
- b) Main guarantor:
- c) Prof. PaedDr. Ján Koščo., tenure: Profesor, E-mail address: jan.kosco@unipo.sk, Phone number: (+421)0517570611, Address: Ul. 17. novembra 08001 Prešov; (<https://www.unipo.sk/fakulta-humanitnych-prirodnch-vied/katedry/ekologia-new/kontakty/kosco/>)
- d) Co-guarantors:
- e) Associate Prof. Mgr. Martin Hromada, PhD., tenure: associate profesor, E-mail address: martin.hromada@unipo.sk, Phone number: (+421)0517570204, Address: Ul. 17. novembra 08001 Prešov; (<https://www.unipo.sk/fakulta-humanitnych-prirodnch-vied/katedry/ekologia-new/kontakty/hromada/>)
- f)
- g) Associate Prof. Mgr. Peter Manko, PhD., tenure: : associate profesor, E-mail address: peter.manko@unipo.sk, Phone number: (+421)0517570608, Address: Ul. 17. novembra 08001 Prešov; (<https://www.unipo.sk/fakulta-humanitnych-prirodnch-vied/katedry/ekologia-new/kontakty/manko/>)
- h)
- i) Associate Prof. Ruslan Mariychuk, CSc., tenure: associate profesor, E-mail address: ruslan.mariychuk@unipo.sk, Phone number: (+421)517570312, Address: Ul. 17. novembra 08001 Prešov; (<https://www.unipo.sk/fakulta-humanitnych-prirodnch-vied/katedry/ekologia-new/kontakty/mariychuk/>)
- j)
- k) RNDr. Lenka Demková, PhD., tenure: associate profesor, E-mail address: lenka.demkova@unipo.sk, Phone number: (+421)0517570207, Address: Ul. 17. novembra 08001 Prešov; (<https://www.unipo.sk/fakulta-humanitnych-prirodnch-vied/katedry/ekologia-new/kontakty/demkova/>)

- 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).

Osoba kontakt	Profilové predmety	Odkaz na RZVS
prof. PaedDr. Ján Koščo, PhD. Email address: jan.kosco@unipo.sk Phone number: (+421)0517570611 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology	https://www.portalvs.sk/regzam/detail/6561
Assoc. prof. Ruslan Mariychuk, CSc. Email address: ruslan.mariychuk@unipo.sk Phone number: (+421)517570312 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/20408
Assoc. prof. Mgr. Peter Manko, PhD. Email address: peter.manko@unipo.sk Phone number: (+421)0517570608 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology Environmental monitoring Biodiversity	https://www.portalvs.sk/regzam/detail/6510
Assoc. prof. Mgr. Martin Hromada, PhD. Email address: martin.hromada@unipo.sk Phone number: (+421)0517570204 Address: Ul. 17. novembra 1 08001 Prešov	Biodiversity Biological principles of nature protection Evolutionary ecology	https://www.portalvs.sk/regzam/detail/6244
Assoc. prof. Ing. Jozef Fejér, PhD. Email address: jozef.fejer@unipo.sk Phone number: (+421)517570312 Address: Ul. 17. novembra 1	Agroecology Professional practice 2	https://www.portalvs.sk/regzam/detail/6212

08001 Prešov		
Ing. Jozef Oboňa, PhD. Email address: jozef.obona@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov		https://www.portalvs.sk/regzam/detail/22431
Ing. Lenka Bobuľská, PhD. Email address: lenka.bobulska@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Environmental monitoring Molecular Ecology	https://www.portalvs.sk/regzam/detail/22168
RNDr. Lenka Demková, PhD. Email address: lenka.demkova@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Chemistry of the Environment Environmental monitoring Forest ecology	https://www.portalvs.sk/regzam/detail/23555
RNDr. Adriana Eliašová, PhD. Email address: adriana.eliasova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/6222
RNDr. Daniela Gruľová, PhD. Email address: daniela.grulova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Analytic chemistry	https://www.portalvs.sk/regzam/detail/19319
RNDr. Beáta Baranová, PhD. Email address: beata.baranova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Soil ecology Molecular Ecology	https://www.portalvs.sk/regzam/detail/20406
RNDr. Romana Smolková, PhD. Email address: romana.smolkova@unipo.sk Phone number: (+421)0517570325 Address: Ul. 17. novembra 1 08001 Prešov	Analytic chemistry	https://www.portalvs.sk/regzam/detail/29468
PaedDr. Jakub Fedorčák, PhD. Email address: jakub.fedorcak@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology Molecular Ecology	https://www.portalvs.sk/regzam/detail/29156
RNDr. Michal Rendoš, PhD. Email address: michal.rendos@unipo.sk Phone number: (+421)0517570325 Address: Ul. 17. novembra 1 08001 Prešov	Molecular Ecology	https://www.portalvs.sk/regzam/detail/29467
RNDr. Radoslav Smolák, PhD. Email address: radoslav.smolak@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Molecular ecology	https://www.portalvs.sk/regzam/detail/6707

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

prof. PaedDr. Ján Koščo, PhD.

– <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/kosco/>

Assoc. prof. Ruslan Mariychuk, CSc.

– <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/mariychuk/>

Assoc. prof. Mgr. Peter Manko, PhD.

– <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/manko/>

Assoc. prof. Mgr. Martin Hromada, PhD.

– <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/hromada/>

Assoc. prof. Ing. Jozef Fejér, PhD.

– <https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/fejer/>

Ing. Jozef Oboňa, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/obona/>

Ing. Lenka Bobuľská, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/bobulska/>

RNDr. Lenka Demková, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/demkova/>

RNDr. Adriana Eliašová, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/eliasova/>

RNDr. Daniela Gruľová, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/grulova/>

RNDr. Beáta Baranová, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/baranova/>

RNDr. Romana Smolková, PhD.

[https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/smolková/](https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/smolкова/)

PaedDr. Jakub Fedorčák, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/fedorcak/>

RNDr. Michal Rendoš, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/rendosm/>

RNDr. Radoslav Smolák, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/smolak/>

- 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).

Osoba kontakt	Predmety	Odkaz na RZVS
prof. PaedDr. Ján Koščo, PhD. Email address: jan.kosco@unipo.sk Phone number: (+421)0517570611 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology Ichthyology Diploma Thesis Seminar 1 Diploma Thesis Seminar 2	https://www.portalvs.sk/regzam/detail/6561
doc. Ruslan Mariychuk, CSc. Email address: ruslan.mariychuk@unipo.sk Phone number: (+421)517570312 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/20408
Doc. Mgr. Peter Manko, PhD. Email address: peter.manko@unipo.sk Phone number: (+421)0517570608 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology Environmental monitoring Biodiverzita Ekológia a biodiverzita hmyzu Beekeeping 1,2	https://www.portalvs.sk/regzam/detail/6510
doc. Mgr. Martin Hromada, PhD. Email address: martin.hromada@unipo.sk Phone number: (+421)0517570204 Address: Ul. 17. novembra 1 08001 Prešov	Biodiversity Biological principles of nature protection Evolutionary ecology Large ecological practicum New trends in ecology 4 New trends in ecology 5 Bird ecology	https://www.portalvs.sk/regzam/detail/6244
doc. Ing. Jozef Fejér, PhD. Email address: jozef.fejer@unipo.sk Phone number: (+421)517570312 Address: Ul. 17. novembra 1 08001 Prešov	Agroecology Professional practice 2 Selected methods of applied ecology	https://www.portalvs.sk/regzam/detail/6212
Ing. Jozef Oboňa, PhD.	Forest ecology	https://www.portalvs.sk/regzam/detail/22431

Email address: jozef.obona@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Diploma Thesis Seminar 1 Diploma Thesis Seminar 2 Landscape ecology Large ecological practicum Lichen ecology Ecology and biodiversity of parasites Ecology and biodiversity of insects	
Ing. Lenka Bobuľská, PhD. Email address: lenka.bobulska@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Environmental monitoring Molecular Ecology Popularization of Ecology Environmental Education	https://www.portalvs.sk/regzam/detail/22168
RNDr. Lenka Demková, PhD. Email address: lenka.demkova@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Chemistry of the Environment Environmental monitoring Geographical Information System Global environmental issues	https://www.portalvs.sk/regzam/detail/23555
RNDr. Adriana Eliašová, PhD. Email address: adriana.eliasova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/6222
RNDr. Daniela Gruľová, PhD. Email address: daniela.grulova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry Selected methods of applied ecology Ecophysiology and stress physiology of plants	https://www.portalvs.sk/regzam/detail/19319
RNDr. Beáta Baranová, PhD. Email address: beata.baranova@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Soil ecology Molecular Ecology Selected methods of applied ecology Ecology of the agricultural landscape Ecology and biodiversity of insects Ecology and biodiversity of the soil animals Waste management and EIA Global environmental issues	https://www.portalvs.sk/regzam/detail/20406
RNDr. Romana Smolková, PhD. Email address: romana.smolkova@unipo.sk Phone number: (+421)0517570325 Address: Ul. 17. novembra 1 08001 Prešov	Analytical chemistry	https://www.portalvs.sk/regzam/detail/29468
PaedDr. Jakub Fedorčák, PhD. Email address: jakub.fedorcak@unipo.sk Phone number: (+421)0517570600 Address: Ul. 17. novembra 1 08001 Prešov	Limnoecology Molecular Ecology Statistic 2 Large ecological practicum Ichthyology	https://www.portalvs.sk/regzam/detail/29156
RNDr. Michal Rendoš, PhD. Email address: michal.rendos@unipo.sk Phone number: (+421)0517570325 Address: Ul. 17. novembra 1 08001 Prešov	Molecular Ecology	https://www.portalvs.sk/regzam/detail/29467
RNDr. Radoslav Smoľák, PhD.	Molecular Ecology	https://www.portalvs.sk/regzam/detail/6707

Email address: radoslav.smolak@unipo.sk Phone number: (+421)0517570207 Address: Ul. 17. novembra 1 08001 Prešov	Introduction to Environmental Science	
PaedDr. Erika Kofritová, PhD. Email address: erika.kofritova@unipo.sk Phone number: (+421)0517570177 Address: Ul. 17. novembra 1 08001 Prešov	English Language 1 English Language 2	https://www.portalvs.sk/regzam/detail/17863
Mgr. Jaroslav Ondo, PhD. Email address: jaroslav.ondo@unipo.sk Phone number: (+421)0517570310 Address: Ul. 17. novembra 1 08001 Prešov	Professional Illustration	https://www.portalvs.sk/regzam/detail/6551

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

prof. PaedDr. Ján Koščo, PhD., E-mail address: jan.kosco@unipo.sk, (+421)0517570611, Ul. 17. novembra 1, 080 01 Prešov

Defended Master's thesis:

Autecology of Stone Loach (*Barbatula barbatula*) in the Tisa river basin

- Ecological characteristics of the ichthyofauna of the Torysa
- Macrozoobenthos of the Olšava River as a food base for fish
- Ichthyofauna of Olšava
- Macrozoobenthos of the Bodva and Bačkovský brook
- Fecundity of representatives of the families Cobitidae and Balitoridae in Olšava and Bačkovský brook
- Habitat preferences of *Gobio gobio* (*Gobio gobio*) and *Barbus peloponnesius* (*Barbus carpathicus*) in selected Carpathian streams
- Age and growth of *Barbus peloponnesius* (*Barbus carpathicus*) in selected Carpathian streams
- Age and growth of *Barbus peloponnesius* (*Barbus carpathicus*) and *Alburnoides bipunctatus* (*Alburnoides bipunctatus*) in Olšava and Udava
- Effect of temperature on the growth of the Veiled chameleon (*Chamaeleo calytratus*)
- Ecological characteristics of the ichthyofauna of Moravia
- Ecological characteristics of the ichthyofauna of the Hron
- Fecundity of neogobius Western tubenose goby in the Danube basin
- Overlapping niches of individual fish species in the Tisza river basin
- Food competences of native and non-native fish species in the Tisza river basin
- The influence of transverse water structures on changes in the ecological factors of the aquatic ecosystem
- Differences in ecological valence of diploids and polyploids of selected fish taxa and their role in speciation and evolution
- Ichthyocenoses of lowland waters with respect to habitat preferences of limnophilic fish species
- Habitat preferences of sexual and asexual populations of the genus *cobitis*
- Selected aspects of the ecology of fishes of the genus *Sabanejewia*

prof. RNDr. Ivan Šalamon, CSc., MBA, E-mail address: ivan.salamon@unipo.sk, (+421)517570662, Ul. 17. novembra 1, 080 01 Prešov

Defended Master's thesis:

- Cyanobacteria and algae of thermal springs in Vyšné Ružbachy
- Selected juniper (*Juniperus communis* L.) habitats in Slovakia and their chemotype determination

Planned Master's thesis:

- Biodiversity of selected plants in relation to their environment and selection for innovation in industrial research
- Conservation of populations of selected medicinal plant species at the site level of the Tarbucka Nature Reserve
- Camomile (*Matricaria recutita* L.) in interaction to the ecology of island plant communities

doc. Ing. Jozef Fejér, PhD., E-mail address: jozef.fejer@unipo.sk, (+421)517570312, Ul. 17. novembra 1, 080 01 Prešov

Defended Master's thesis:

- Production potential of peppermint (*Mentha x piperita* L.)
- Content of phenolic substances in extracts of juniper berries (*Juniperus communis* L.) and their antioxidant activity
- Production capability of Amaranth in agroecological conditions of Prešov

Planned Master's thesis:

- Comparison of autumn and spring sowing dates of Opium poppy (*Papaver somniferum* L.) on poppy seed production

doc. Mgr. Martin Hromada, PhD., E-mail address: martin.hromada@unipo.sk, (+421)0517570204, Ul. 17. novembra 1, 080 01 Prešov

Defended Master's thesis:

- 2D:4D As an indicator of prenatal androgens in amphibian ecology
- New methods and citizen science in biodiversity mapping - applications in education
- Patches around power line poles as a potentially important element in maintaining biodiversity in intensively managed agricultural landscapes
- Sexual selection and ornamentation in the red-backed shrike *Lanius collurio*
- Random pairings based on personality traits
- Food ecology of the White-throated dippert (*Cinclus cinclus*)
- Impact of invasive *solidago* on ant communities in agricultural landscapes
- Changes in ornamentation during life and age signalling in the male *Chelidonium* | *Hirundo rustica*
 - Is timing of menarche In humans an adaptation to cooperative breeding?
- Climate change as a possible factor influencing bird migration
- Climate change as a possible factor influencing bird migration
- Departure distance of Western Yellow Wagtail (*Motacilla flava*) in an agricultural landscape
- Does the presence of extended family members affect women's fertility?
- Biodiversity and ecology of quill mites parasitizing the family Nectariniidae in Asia.
- Ecology of dance - association between energy consumption in folk dance and environmental variability
- Spatial association of rose of the rose hip and juniper in grassland - coincidence or advantage
- Dance from the perspective of sexual selection
- Effect of family extension on the age of a girl's menarche

doc. Mgr. Peter Manko, PhD., E-mail address: peter.manko@unipo.sk, (+421)0517570608, Ul. 17. novembra 1, 080 01 Prešov

Defended Master's thesis:

- Distribution of macrozoobenthos in Bodva habitats
- Dynamics of selected species of macrozoobenthos of the Torysa and Škapa
- Macrozoobenthos of the model stream of the Tisza river basin
- Macrozoobenthos of the Nitra River
- Macrozoobenthos of the Olšava River
- Stoneflies of the Upper Torysa
- Feeding ecology of predatory larval stoneflies
- Drift of invertebrates and food of trout (*Salmo Trutta* L.) in the Topľa River
- Colonisation of a new river channel by macrozoobenthos

- Identity of *Palingenia fuliginosa* (Georgi, 1802) (Inseta: Ephemeroptera: Palingeniidae) in Slovakia - analysis of morphometric data
- Parasites of aquatic insects - a case study of the abundance and distribution of metacercariae of trematodes in the imagoes of Mayflies of the subgenus *Palingenia*
- Selected aspects of the biology and ecology of the population of *Carassius gibelio* (family: Cyprinidae) in the Turne basin
- Selected aspects of the feeding ecology of the loach of genus *Cobitis* (Cobitidae, Cypriniformes, Teleostei)
- Patterns of common occurrence of Plecoptera Stoneflies species in Slovakia

Planned Master's thesis:

- Effects of anthropogenic habitat disturbance on mollusc (Mollusca) communities around the city of Prešov

doc. Ruslan Mariychuk, CSc., E-mail address: ruslan.mariychuk@unipo.sk, (+421)517570312, Ul. 17. novembra 1, 080 01 Prešov
Defended Master's theses:

- Biosynthesis of silver nanoparticles using plant extracts
- Green synthesis of metal nanoparticles using natural polyphenols
- Study of the variability of antioxidant properties of *Mentha* plant leaf extracts for metal nanoparticle biosynthesis

RNDr. Beáta Baranová, PhD., E-mail address: beata.baranova@unipo.sk, (+421)0517570600, Ul. 17. novembra 1, 080 01 Prešov
Defended Master's theses:

- Selected morphological parameters of Canadian *solidago* (*Solidago canadensis* L.)
- Effect of secondary metabolites of *Solidago* spp. on seed germination
- Communities of atmobioc forms of invertebrates in stands invaded by *Solidago* (*Solidago canadensis* L.)
- Interaction in the animal-plant system: repellent effect of Canada *Solidago* (*Solidago canadensis* L.) essential oil on aphids (Hemiptera:Aphididae)
- Phytotoxic effect of aqueous extracts of Canadian *Solidago*(*Solidago canadensis* L.) rhizomes on selected model organisms
- Testing the larval stages of the common Mealworm (*Tenebrio molitor*) as a possible model organism for monitoring the anti-fire effect of plant essential oils

Planned Master's thesis:

- Insecticidal effect of the essential oil of Tansy (*Tanacetum vulgare* L.) against the common mealybug (*Tenebrio molitor* L.).
- Diversity of selected groups of soil fauna in infested stands
- Biological activity and ecotoxicity of extracts from invasive Canada *Solidago* (*Solidago canadensis* L.) against selected invertebrate representatives
- Biological activity and ecotoxicity of extracts from representatives of the invasive genus *Fallopia* spp. against selected invertebrate representatives

Ing. Lenka Bobuľská, PhD., E-mail address: lenka.bobulska@unipo.sk, (+421)0517570207, Ul. 17. novembra 1, 080 01 Prešov
Defended Master's theses:

- Changes in soil microbial activity as a function of climatic conditions in differently exploited ecosystems
- Soil microbial community activity as an indicator of the impact of non-native species invasion on the ecosystem
- Energy balance of the biogas plant in Kapušany near Prešov
- Assessment of the phytoremediation properties of invasive species of the genus *Solidago*

Planned Master's thesis:

- Microbial community activity in subterranean systems of the Slovak Karst

RNDr. Lenka Demková, PhD., E-mail address: lenka.demkova@unipo.sk, (+421)0517570207, Ul. 17. novembra 1, 080 01 Prešov
Defended Master's theses:

- The largest sources of air pollution and the development of the emission situation in Slovakia
- Seasonal changes in physical and chemical properties of selected boglands in Eastern Slovakia
- Use of mosses and lichens as bioindicators of environmental pollution

- Optical width of aerosols and its use in pollution monitoring
- Indoor air quality

Planned Master's thesis:

- Tree bark as a bioindicator of air quality
- Contents of hazardous substances in bee bodies and selected bee products

RNDr. Adriana Eliašová, PhD., E-mail address: adriana.eliasova@unipo.sk, (+421)0517570600, Ul. 17. novembra 1, 080 01 Prešov

Planned Master's thesis:

- Intraspecific variability of secondary metabolites of black elderberry (*Sambucus nigra* L.) leaves
- Variability of secondary metabolites of invasive representatives of the genus *Fallopia* in relation to environmental conditions
- Variability of secondary metabolites of invasive representatives of the genus *Solidago* in relation to environmental conditions

RNDr. Daniela Gruľová, PhD., E-mail address: daniela.grulova@unipo.sk, (+421)0517570600, Ul. 17. novembra 1, 080 01 Prešov,
Defended Master's theses:

- The Ecology of Plant Secondary Metabolites
- Seasonal variation in the amount and composition of essential oil of *Solidago* plants growing in the vicinity of Prešov
- Identification of *Solidago canadensis* L. contents for potential use in biological control as an insecticide
- Phytotoxic activity of secondary metabolites of goldenrod
- Effect of selected essential oils on the germination of Canadian goldenrod (*Solidago canadensis* L.)
- Evaluation of the variability of the content and biological activity of the invasive species *S. canadensis* L. with respect to the harvest site

Planned Master's thesis:

- Biological activity of extracts from matrices of invasive plants

Ing. Jozef Oboňa, PhD., E-mail address: jozef.obona@unipo.sk, (+421)0517570207, Ul. 17. novembra 1, 080 01 Prešov
Defended Master's theses:

- Population dynamics of mosquitoes in Petrovany
- Accumulation of heavy metals in lichens due to traffic intensification
- Food ecology of *Culex pipiens* (Diptera: Culicidae)
- Effectiveness of different media in baited traps for selected insect groups
- Cuculorids (Diptera: Hippoboscidae) of Slovakia
- Structure and diversity of aquatic invertebrate communities of the pluviotelia of the Sitnianska Lehôtka locality
- Aquatic invertebrate dendrothelia at the Demjata site
- Cruising activity of *Tinearia alternata* (Psychodidae) at the farm in Šenkvice
- Bee products as a possible bioindicator of environmental contamination with heavy metals

Planned Master's thesis:

- Vybrané čeľade múch (Diptera) mestského parku Kolmanová záhrada v Prešove
- Odchyt hmyzu na pivo v lokalite Košice

RNDr. Michal Rendoš, PhD., E-mail address: michal.rendos@unipo.sk, (+421)0517570325, Ul. 17. novembra 1, 080 01 Prešov

Planned Master's thesis:

- Diversity of epicrass invertebrates of selected karst areas of Slovakia

PaedDr. Jakub Fedorčák, PhD., E-mail address: jakub.fedorcak@unipo.sk, (+421)0517570600, Ul. 17. novembra 1, 080 01 Prešov
Defended Master's theses:

- Habitat preferences of fishes of the genus *Cobitis* in selected catchments

Planned Master's thesis:

- Ecological and biological aspects of fishes of the genus *Carassius*

- Distribution of fishes of the genus *Carassius* in Slovak river basins

RNDr. Radoslav Smolák, PhD., E-mail address: radoslav.smolak@unipo.sk, (+421)0517570207, Ul. 17. novembra 1, 080 01 Prešov
Defended Master's theses:

- Desiccation and anhydrobiosis as a life history strategy for survival of bdelloid rotatory
Planned Master's thesis:
- Structure of the zooplankton community in newly colonised water bodies in relation to different environmental conditions
- Influence of anthropotelm characteristics and distance from the primary dispersal source on zooplankton community structure

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

RNDr. Beáta Baranová, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/baranova/>

Ing. Lenka Bobuľská, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/bobulska/>

RNDr. Lenka Demková, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/demkova/>

PaedDr. Jakub Fedorčák, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/fedorcak/>

RNDr. Adriana Eliašová, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/eliasova/>

doc. Ing. Jozef Fejér, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/fejer/>

RNDr. Daniela Gruľová, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/grulova/>

doc. Mgr. Martin Hromada, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/hromada/>

Ing. Jozef Oboňa, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/obona/>

prof. PaedDr. Ján Koščo, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/kosco/>

doc. Mgr. Peter Manko, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/manko/>

doc. Ruslan Mariychuk, CSc.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/mariychuk/>

RNDr. Michal Rendoš, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/rendosm/>

RNDr. Romana Smolková, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/smolkova/>

RNDr. Radoslav Smolák, PhD.

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/smolak/>

prof. RNDr. Ivan Šalamon, CSc., MBA

<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/katedry/ekologia-new/kontakty/salamon/>

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

Student part of the Academic Senate's representatives (AS FHNS UP)

Bc. Daniel Kamenský - daniel.kamensky@smail.unipo.sk

Mgr. Katarína Fogašová - katarina.fogasova@smail.unipo.sk

Mgr. Vladislava Košová - vladislava.kosova@smail.unipo.sk

Mgr. Monika Lörincová - monika.lorincova@smail.unipo.sk

Ing. Július Varga - julius.varga@smail.unipo.sk

Student part of the Academic Senate's representatives (AS UP, representative for FHNS)

Ing. Hedviga Vašková - hedviga.vaskova@smail.unipo.sk

Members of the Academic Senates represent the interests of students irrespective of their affiliation to the study programme

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

Ing. Jozef Oboňa, PhD., E-mail: jozef.obona@unipo.sk, (+421)0517570207, Ul. 17. novembra 1, 080 01 Prešov

Access to counselling is possible via e-mail or in person at the Department of Ecology of the Faculty of Philosophy and Public Administration of the University of Technology in Prešov, no. m. 211. Consultation schedule: Mondays and Fridays from 9.00 to 11.00.

- g) Other supporting staff of the study programme – assigned study officer, career counselor, administration, accommodation department, etc. (with contact details).
- h) Mgr. Anna Boldižárová, Study Department Assistant, Phone number:(+421)0517570621, Email: anna.boldizarova@unipo.sk
- i) Ing. Miroslav Ganaj, Head of CTC, Phone number:(+421)0517570610, Email: miroslav.ganaj@unipo.sk

- j) doc. Ing. Jozef Fejér, PhD., Career Advisor at the Department of Ecology, Phone number:(+421)517570312, E-mail: jozef.fejer@unipo.sk
- k) Drahomíra Tomčáková, administrative assistant at the Department of Ecology, Phone number:(+421)0517570600, Email: drahomira.tomcakova@unipo.sk
- l) Ing. Peter Haľko, Director of the University Library, Phone number:(+421)0517570144, Email: peter.halko@unipo.sk
- m) Mária Husárová, accommodation assistant, Phone number:(+421)05177 22 851, kl. 101, Email: maria.husarova@unipo.sk
- n) Ing. Jana Kleščová, Study Department Assistant, Phone number:(+421)0517570620, Email: jana.klescova@unipo.sk

5. 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).

Spatial provision of the study programme

The University of Prešov provides the activities of the individual departments of the University in its own premises or in rented premises. The largest faculties of the University, the Faculty of Arts and the Faculty of Humanities and Natural Sciences, are situated in the largest building, namely in the University Campus at 17. Novembra, 1, Prešov. The whole complex of buildings consists of five interconnected parts for educational purposes and of facilities of the faculties, lecture halls, lecture rooms and professional workplaces. The building provides all the necessary activities to ensure quality teaching of individual programmes. The total floor area of the building is 25 060 m². It is a building constructed in the 1980s, the building is continuously repaired for the needs of the study fields and faculties. The building houses laboratories and centers of excellence for science and research.

Provision of library services at the place of study programme implementation

The UP University Library is a university workplace providing scientific information, bibliographic, coordination and advisory services to students and employees of the university and, to the extent of its capabilities, to other expert public. University library UP is developing its activity on the foundation of the historical development of education and library culture of the region and continues the traditions established by the Collegiate Library and the Eparchial Library. The mission of the library is mainly to provide free access to information; to help satisfy the cultural, informational, research and educational needs and interests of the university; to promote lifelong learning and the spiritual development of the university. For this purpose, the library provides the following essential and special library-information services: lending services, bibliographic-information services, consulting services, reprographic and other services (processing of the records of the publishing activities of the university staff; bibliographic registration of final and qualifying theses; maintenance of the CU UP Digital Library; organization of scientific literature exhibitions, art exhibitions, concerts, presentations, professional library events, etc.). The library fund contains nearly 225 000 units in total (the annual growth of the library fund is about 4 000 books and 250 periodical titles, while the purchase of documents is carried out on the base of the faculties' requirements with the aim of equal purchase for the needs of all study programmes at UP). Since 2004, the library has been building a Digital Library (a database of electronic full-text publications created by the university staff, which contains over 800 publications). Since 1997, it has been building a database of UP publications, in which it has registered over 66 000 documents. The library provides almost 280 000 loans annually, most of them electronic. The total area of the library is over 2 600 m², of which 1 150 m² is for users. There are 303 study seats in 6 study rooms (2 of which are database rooms). Over 70 000 readers visit the library every year and over 500 000 readers visit the library website. The library has its own computer network (PULIBnet) with 4 servers, 84 computers, of which 45 computers are reserved for users. Annually it publishes a bibliography of UP's publishing activity. The library provides access to 9 paid full-text databases (EBSCO, Gale, ProQuest, Science Direct, Scopus, Springer, Taylor and Francis, Web of Knowledge, Wiley).

Material and technical support of the study programme

Since 2008, the University of Prešov has undergone extensive modernization of classrooms. New equipment has been installed in a total of 165 seminar, lecture and specialized classrooms. These included 136 computers for lecture and seminar rooms, 406 computers for computer and specialized classrooms, 132 data projectors and electric screens, 17 interactive whiteboards and other small equipment. In 2020, 25 of the largest classrooms of the university were further upgraded, ICT equipment and video-presentation technology were upgraded.

Since 2008, within the framework of projects from state funds, modern metallic and fiber-optic computer wiring has been installed and expanded in 14 buildings of the university, including the initial wiring in the rooms of the students accommodated in the UP SJU.

A total of 1 694 computer sockets were installed. All buildings have high-speed networks, which typically operate at 1 Gbit/s, but are also ready for the future upgrade to 10 Gbit/s.

Between 2017 and 2020, the University underwent a complete replacement and upgrade of the centrally managed WiFi network at a cost of €154,000, with a total of 298 new access points installed in all buildings.

The scientific-pedagogical workplace of the Department of Ecology has extensive and technical equipment for the education of students, which is currently used primarily for teaching and scientific research activities within the study programme Ecology and environmental studies (Master).

The department has the following infrastructure:

- The Laboratory of Ecophysiology of Animals and Plants, No. 224, is used for teaching selected laboratory exercises (from the courses Ecology of Plants, Ecophysiology and Stress Physiology of Plants, Analytical Chemistry, etc.) and also for research activities of students in the preparation of final theses. It is a research laboratory focused on the analysis of the metabolome of plants and animals in relation to biodiversity and environmental factors. It is equipped with special techniques for the extraction and analysis of biological material (chromatographic analysis systems HPLC-DAD-MS/MS and GC-MS) with complete computer accessories. The laboratory is part of the PU Centre of Excellence in Animal and Human Ecology.

- Aquatic Insect Ecology Laboratory, No. 287, Research in the Aquatic Insect Ecology Laboratory focuses on the identification, biodiversity and ecology of aquatic insects. The laboratory is equipped with stereoloupes, microscopes and cameras with complete computer accessories.
- Fish Ecology Laboratory, Technicom Science Park. The laboratory provides technical support for the breeding of freshwater fish species and provides space for experiments with artificial rearing of endangered fish species. The laboratory is equipped with aquariums with timed lighting, filtration, water heater. The technical superstructure of the laboratory consists of a camera system with infrared illumination suitable for 24-hour imaging of fish in artificial conditions.
- Laboratory of Applied Ecology, No. 227. The laboratory focuses on the treatment, sorting and analysis of environmental samples. Its equipment is used for the analytical determination of physical, chemical and biological properties of samples (mainly soil and biological samples). It is equipped with a spectrophotometer, water bath, laboratory balance, shaker, centrifuge, refrigerator for storing samples, microscope and complete computer accessories.
- Experimental Chemical Laboratory, No.m 228. The laboratory is used for research purposes, primarily for the development of new methods in the field of extraction of natural substances from various types of matrices and their subsequent biological testing. The laboratory is also used by students for the preparation of their final theses in various fields of ecological and eco-chemical orientation. The laboratory is equipped with a spectrophotometer, distillation and extraction apparatus and a wide range of chemical laboratory equipment. The laboratory also includes complete computer facilities.
- Laboratory of ecochemistry, No. 229 - was built within the framework of projects financed by the State Fund - it allows to improve the quality of research in the field of environmental chemistry. The laboratory is primarily intended for student exercises. It is equipped with workstations with basic chemical and laboratory equipment. The laboratory also contains complete computer equipment.
- Chemistry laboratory, Technicom Science Park. The laboratory provides technical support for the preparation and handling of plant extracts (Heidolph Hei VAP Precision ML-G3 extractor), their separation (Shimadzu Prominence LC20A) and characterization using modern Shimadzu LCMS TQ 8030 chromatographic equipment.
- Laboratory and Museum of Evolutionary Ecology No. m. 163. It was built within the framework of projects funded by the State Fund - it extends the existing focus of research in the Department to include aspects of evolutionary ecology, enabling the improvement of the quality of research in animal ecology. The laboratory contains repositories for newly described animal species and stereoloupes and mirrorscopes with PC accessories and basic software equipment.
- Laboratory of Animal Biodiversity, nos. 516/8; 519/9. It is focused on research of interspecific diversity of animals and determination of animals at the species level. It is used for the determination of organisms, biometric and ecomorphological analyses, food spectrum analyses, obtaining data for the determination of growth and production of organisms. The laboratory is equipped with state-of-the-art optical instruments equipped with the latest technologies with automation, high magnification, maximum depth of field. The trinocular microscope and stereomicroscope are equipped with camera systems, visualization and software for measurements and sophisticated analysis. In addition, the laboratory is equipped with other state-of-the-art equipment for analyses of environmental factors, determination of aquatic animal taxa and other analyses related to aquatic animals and other analyses related to biodiversity and ecology of aquatic organisms. It is a laboratory of the Department of Ecology, which is part of the Centre of Excellence in Animal and Human Ecology.
- Laboratory of Environmental Biotechnology I and II, no. m. 516/6. It is a laboratory of the Department of Ecology, which is part of the Centre of Excellence in Animal and Human Ecology. It is used for the isolation and determination of natural substances in studies focused on ecophysiological research on animals and plants. The laboratories also include: the COBAS INTEGRA 400 combined analyser for clinical biochemistry, an automated clinical biochemistry analyser with more than 150 applications; the COBAS e411 fully automatic immunochemical analyser for biomarker monitoring, an atomic absorption spectrophotometer (AAS) useful in the determination of heavy metal contents in soil, plants, animal products and food.
- Laboratory of Molecular Ecology of Animals and Biodiversity, no. 225. The laboratory is part of the Centre of Excellence in Animal Ecology and Human. It extends the current focus of hydrobiological research with new methodological approaches based on molecular ecology. The laboratory is equipped with a laminar box, thermocycler, vortex, electrophoresis with accessories, documentation equipment and complete computer facilities.

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.).

All workplaces and all classrooms of FHPV are connected to the university network. The faculty has a newly built computer network based on manageable switches with a speed of 1Gbit/s, the new structured UTP cabling allows the transition to speeds up to 10 Gbit/s. All classrooms are equipped with a data projector, an electric screen and a computer connected to the computer network, classroom computers are centrally managed, the computing centre is equipped with new powerful servers. This creates the technical conditions for the use of modern information technologies by the staff and students of FHPV. Students have to log in to the faculty network, each student has his/her own password and access rights. FHPV has 4 faculty computer rooms, one of which is used for free student access, and 6 departmental classrooms and laboratories equipped with computer technology. The university-wide information systems include the Modular Academic Information System (MAIS), which is used for the administration of studies. All the necessary information is available to students on the faculty or departmental website. Lecturers also provide students with teaching materials in digitised form, communicate and consult with students also through electronic communication or via the website. Teaching at FHPV PU in Prešov is carried out in well-equipped classrooms and laboratories for teaching and professional activities of students and PhD students. The faculty has 32 classrooms equipped with a computer connected to the network, a data projector and an electric screen, 4 classrooms with an interactive whiteboard and one room with a sound system. All workplaces and all classrooms are connected to the university network, special software is available (statistical software, e-learning systems, internet media, resources to enable the disabled to participate in the regular teaching process). In the framework of educational activities, a number of specialised equipment such as microscopes, stereomicroscopes, optical instruments, analysers, samplers, GNSS instruments, UAV equipment, noise meters, lux meters, multimeters measuring various physical and chemical variables, GPS, wood and metalworking equipment, etc. are used, cooperating (control, communication and data transmission) with computing technology.

The scientific-pedagogical workplace of the Department of Ecology is equipped with the following information security:

All the laboratories referred to in part (a) are equipped with complete computer technology.

- Laboratory of Applied Ecology, No 227. The laboratory is equipped with a computer, multifunctional equipment with scanner, data projector, interactive whiteboard. The computer is equipped with software for statistical calculations - STATISTICA 12 and GIS software.
- Laboratory of Ecochemistry, No. 229. The laboratory is equipped with a computer and a data projector.
- Laboratory of Aquatic Insect Ecology, No 287, is equipped with a computer with graphic editor, LEICA software for magnifying glass and microscope, and STATISTICA 12 and PAST software.
- Classroom 226 and 174 - are equipped with computer stations for teaching. The computers are equipped with STATISTICA 12, PAST and QGIS.

Material, spatial and informatics provision belonging to the scientific-pedagogical workplace Department of Ecology FHNS PU in Prešov, has been long term and purposefully built and currently serves primarily for teaching and scientific-research activities within the study program Ecology and environmental studies (Master).

- 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.
- The University of Prešov uses the e-learning system to support online learning in the Moodle environment. It is available at <https://elearning.unipo.sk/> and contains basic information, courses and guides. The e-learning system in the Moodle environment is available to all students, teachers and staff of the University of Prešov to improve the quality of education. University-wide e-learning provides courses for the UP Faculty of Health Care, UP Faculty of Orthodox Theology and UP Faculty of Sport. Other faculties, including FHNS operate their own e-learning server. In the study programme, we plan to implement a partial transition from full-time to distance learning in case of critical circumstances. From our previous practice, the following implementation has proved to be the most successful during the Covid study period - Interactive form of lectures using MS Teams and feedback using MS Forms tests. Courses, the content of which has a practical orientation, are implemented in compliance with the current epidemiological measures.

Moodle UP: <https://elearning.unipo.sk/>

Moodle FHNS: <https://e.fhpu.unipo.sk/>

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

Model FHNS

In order to improve the quality of the study programme, we cooperate with Slovak and foreign workplaces:

- Department of Biology and General Ecology, FEE, Technical University of Zvolen
- Institute of Parasitology of the Slovak Academy of Sciences, Košice
- Institute of Geotechnics of the Slovak Academy of Sciences, Košice
- Department of Applied Ecology, FEE, Technical University of Zvolen
- Department of Biology and General Ecology, FEE, Technical University of Zvolen
- Department of Planning and Landscape Design, FEE, Technical University of Zvolen
- Department of Food Science, Faculty of Biotechnology and Food Science, SPU in Nitra
- Department of Animal, Fish and Bee Breeding and Diseases, Ecology and Cynology. University of Veterinary Medicine and Pharmacy.
- Department of Biology and Ecology, Faculty of Natural Sciences, Matej Bel University
- Department of Environmental Engineering, Institute of Environmental Engineering, TUKE in KE
- Department of Ecology, Faculty of Natural Sciences, Charles University in Bratislava
- Department of Geography and Geology, Faculty of Natural Sciences, Matej Bel University in BB
- Institute of Parasitology, SAV in KE
- Centre for Plant Biology and Biodiversity, SAV
- Department of Biology, University of South Bohemia in České Budejovice, Czech Republic
- Department of Biology and Environmental Studies, Charles University in Prague, Czech Republic
- Institute of Environmental Science and Natural Resources, Mendeleh University in Brno, Czech Republic
- Department of Animal Morphology, Adam Mickiewicz University Poznan, Czech Republic
- Biological Centre of the CAS, v.v.i. Institute of Soil Biology Department of Soil Zoology České Budějovice

We also plan to implement cooperation in the form of exchange of thesis supervisors, in the framework of joint and transnational student competitions (SVOUČ, Olympiad, etc.).

- e) Characteristics of the possibilities for social, sports, cultural, spiritual, and social activities.
- UP students are provided with accommodation in four different facilities (ŠD - Ul. 17. novembra č.11; ŠD - Ul. 17. novembra č.13; ŠD - Nám. Mládeže č. 2; ŠD - Exnárova č. 36) and 2 specialized units (Orthodox Priest Seminary; Greek-Catholic Priest Seminary). The student house creates conditions for independent study and rest of the students in residence, for the cultural, social and sports life and for the development of the students' interests. Accommodation of UP students is arranged in double - quadruple rooms with separate sanitary rooms in each accommodation unit. In 2018, the renovation of ŠD 17. novembra 11 and 13 began, which was completed at the end of 2019. In 2021, the reconstruction of ŠD Nám. Mládeže č. 2. was finished. All facilities have internet connection directly in the rooms. There is a TV room, laundry, and kitchens on each floor. The University Pastoral Centre is available to students on the 11th floor. A hairdressing salon, a beauty salon and a health center offer their services on campus. Coffee and candy vending machines are available.

University students have the opportunity for free-time sports activities in UP sports facilities such as a swimming pool, gym, multipurpose sports complex, or multifunctional playground. In both semesters of the calendar year 2019, the Faculty of Sports organised the UP University Mixed Volleyball League and UP Football Mini-League for the students at the university, which are of constant popularity. The University Sports Days organized by the Faculty of Sports also have a long tradition, with almost 600 students actively participating in 2019. University students can also develop their sporting interests in several sports clubs and sections of TJ

Slávia UP Prešov. Its annual membership consists of around 300 athletes. Every year, the Faculty of Sports also organises several periodic and non-periodic sports and sport-educational activities not only for students, but also for the public of different ages (Spring Run; Children's Sports Olympics of kindergartens; Olympic Pentathlon for Seniors; Run of the Olympic Day; Športáčik; ProSenior movement programme and others). In the implementation of these activities, the Faculty of Sports collaborates organizationally with students, the Prešov Olympic Club, and the City of Prešov.

There are 11 artistic ensembles at UP, which are members of the University Council for Artistic Activities. They function at individual faculties of the university, whose professional guarantors are artistic directors. The members of the ensembles are mainly students at the University. The university's artistic ensembles are an example of the free time use of university students, they represent the university at domestic and international artistic events such as: academic competitions, shows, festivals, TV and radio performances, recordings, they significantly influence the cultural and social life of the university by individual performances and at all-university and faculty festive events, they represent and create the image of the university within the city of Prešov, the Prešov region, nationally and internationally.

The University Pastoral Centre of Dr. Štefan Heseš in Prešov (hereinafter UPC) <http://upc.unipo.sk/> is part of the nationwide network of university pastoral centers. Its main task is to care for the spiritual needs of university students and teachers. For its activities at UP, UPC uses the chapel in the ŠD on ul. 17. novembra, the TV room in ŠD Exnárová 36 and the aula no.100 at FHNS.

GREEK CATHOLIC YOUTH PASTORAL CENTRE. The Greek Catholic Youth Pastoral Centre (GMPC) www.gmpc.grkatpo.sk, founded by the Archbishop's Office in Prešov, is also active in the spiritual sphere at UP. GMPC cooperates very closely with GTF UP and offers various free-time activities. The role of this center is to offer a space for mostly young people working and studying in the city of Prešov to meet, to engage in dialogue, to live their faith more fully as well as to live their mutuality with each other and with the world. This is done on the basis of friendship, conversations, talks, invited lectures, spiritual and free-time activities.

Students' halls of residence and the canteen: <https://www.unipo.sk/sd/>

UP Annual Report (2020):

<https://www.unipo.sk/public/media/9653/Vyrocn%C3%A1sprava%20o%20cinnosti%20Presovskej%20univerzity%20v%20Presove%20za%20rok%202020.pdf>

- 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.

Participation of students of the study programme in mobility and internships (with contacts), guidelines for application, rules for recognition of this education, etc. is organised and legally secured by the Department of International Relations at the University of Prešov (<https://www.unipo.sk/en/en/ir/>) and International Relations Office FHNS UP (<https://www.unipo.sk/en/faculty-of-humanities-and-natural-sciences/international-relations/>). The study programme allows for adequate learning outside the university in domestic and foreign institutions, in particular through the promotion of mobility. The results of this learning are recognised by the university. Mobility is regulated in the Study Rules in the section on the organisation of educational activities. Approval for mobility is granted by the Dean/Rector or, where appropriate, the Vice-Dean/Vice-Rector for International Relations. Part of the study is recognised in accordance with the Treaty, the European Standard and the European Credit Transfer System. The Rector's Decision "Procedure for the Implementation of Outgoing Student Mobility under the Erasmus+ Programme" is issued at the University of Prešov (UP) on the basis of the provisions of Section 15(1)(l) of Act No. 131/2002 Coll. on Higher Education and on Changes and Supplements to Some Acts, as amended. For exchange students, credits are evaluated based on their acquisition, i.e., the degree of compliance of the completed course with the given study programme is evaluated by the guarantor of the study. If the student is interested, he/she can also enroll in courses at his/her home institution and take the course by distance learning if the nature of the course allows it. Motivational videos, processes, procedures and guides for applying, selecting and completing mobilities are published on the websites: https://www.unipo.sk/public/media/15742/outgoing_student_mobilita_uvv.jpg, <https://www.youtube.com/watch?v=ZRmnQ08NMfg>, https://www.unipo.sk/public/media/15172/Var%C5%A1ava_E+.mp4, <https://www.facebook.com/Presovskauniverzita/videos/1143643639391766>.

Study Rules UP: <https://www.unipo.sk/public/media/11422/Study%20Rules%20of%20the%20University%20of%20Presov.pdf>

Rector's Directive: <https://www.unipo.sk/public/media/10602/Opatrenie-rektora-8-05-31.pdf>

The Department of Ecology offers the following ERASMUS+ programmes for students and staff

The Department of Ecology offers the following ERASMUS+ programmes for students and staff:

Country	Name of the Institution	Web page	Number of teachers	Number of students
Czech Republic	Charles university in Prague	http://www.cuni.cz/UK-928.html	0	0
Finland	Oulu University of Applied Sciences	www.oamk.fi/en	1	2
Italy	Università degli Studi di Messina	http://www.unime.it/it/international	2	2
Italy	Università degli Studi della Basilicata	http://internazionale.unibas.it/site/home.html	2	2
Lithuania	Vytautas Magnus University	http://www.vdu.lt/en/studies/courses/	2	0
Poland	University of Lodz	http://www.iso.uni.lodz.pl	2	0

Poland	Adam Mickiewicz University in Poznań	http://international.amu.edu.pl/	2	0
Poland	Siedlce University of Natural Sciences and Humanities	http://www.uph.edu.pl/en/	3	0
Poland	University of Zielona Gora	https://www.uz.zgora.pl/index_en.html	2	0
Polsko	University of Wrocław	https://international.uni.wroc.pl/	2	0
Romania	Universitatea Lucian Blaga din Sibiu	http://www.ulbsibiu.ro/en/	2	0
Spain	University of Granada	http://www.ugr.es/pages/universidad/granada	2	0
Estonia	Tallinn University of Technology	http://www.ttu.ee/en	2	0
Hungary	Esterházy Károly Főiskola	http://www.uni-eger.hu/en/ekf-college/international-students/erasmus-	2	0
Hungary	Kaposvár University	www.erasmus.ke.hu	2	0
Romania	University of Craiova	http://www.ucv.ro/en/	1	2
Serbia	Educons University	http://educons.edu.rs/international-cooperation/activities	2	0

6. Required abilities and admission requirements for the study programme applicants

a) Required abilities and necessary admission requirements.

The long-term goal and strategic objective of the University is to prepare quality graduates in accredited study programmes. The precondition for achieving this goal is to admit students who meet demanding quality criteria. The University has developed a system of procedures for the admission of students elaborated in the Study Rules of The University of Presov in Articles 3 through 9 and in the Rector's Decision Admission Procedure.

The specific conditions of the admission procedure, corresponding to the specifics and peculiarities of study programmes, have been elaborated by each faculty. At FHNS UP, applicants are admitted to all bachelor study programmes without an entrance examination. Admission is based on the results obtained during high school studies (the academic average of the end-of-year school reports and the graduation certificate). If the number of applicants exceeds the faculty's capacity, priority will be given to applicants with a better academic average.

In determining the order of admission, the resulting academic average will be multiplied by the coefficient for the secondary school type: grammar school 0,6, secondary vocational school 0,8, secondary apprentice school 1,0).

Exceptional admission will be granted to applicants whose average (1st to 3rd year of secondary school) does not exceed 1.70 in grammar school, 1.40 in other secondary schools (without multiplication by the secondary school coefficient).

The admission procedure for a study programme applicant begins with the delivery of his/her written application for study to the faculty or university that implements the relevant study programme. In addition to the compulsory written application, the faculty also allows the delivery of the application in electronic form without a guaranteed digital signature, using an information system that enables the applicant to verify its registration in the information system from the date of its submission until the date of the end of the admission procedure. The dean may decide whether the admission procedure will include an entrance examination or whether applicants will be admitted without an entrance examination. In justified cases, the dean of the faculty may announce a second round of the admission procedure. In the case of a study programme conducted at a university, the rector decides on matters in which the dean has a decision-making power. The course and timetable of the entrance examination are determined by the dean of the faculty. The faculty determines the form and content of the entrance examination. The dean appoints the chairpersons of examination boards and admissions committees. The entrance examination takes place on the appointed date; however, the faculty may also appoint an alternative date. The dean may be asked for an alternative date for the admission examination by applicants who are attending secondary school abroad in the relevant year. The dean decides on admission to study. The dean's admissions committee, whose members are appointed by the dean, is an advisory body to the dean. The rector decides on admission to a study programme at the university. The rector's admissions committee, whose members are appointed by the rector, is an advisory body to the rector. The decision on the outcome of the admission procedure must be given in writing within 30 days of verification that the conditions for admission have been fulfilled. The decision must contain a statement, justification, and an instruction on the possibility of applying for a review of the decision. An applicant who does not prove that the basic conditions for admission have been met at the time of verification of admission conditions, may be admitted conditionally, provided that he or she is under an obligation to prove that the basic conditions for admission are met no later than on the date set for enrolment.

UP Rector's Decision No. 5/2021 Admission Procedure: https://www.unipo.sk/public/media/0190/OR_prijimacie_konanie-2.docx.pdf

b) Admission procedures.

Admission procedures to study at the University of Presov are organizationally and legally anchored in the Rector's Decision No.5/2021 and are available at: https://www.unipo.sk/public/media/0190/OR_prijimacie_konanie-2.docx.pdf (point 5.1 Information on the admission process). Specific and detailed information about the admission process for FHNS UP study programmes are available at: <https://www.unipo.sk/fakulta-humanitnych-prirodnch-vied/informacie-pre-uchadzacov/pk/>.

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

Akademic year	Number of Applications	Number of Enrolled students
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2017/2018	7	4
2018/2019	9	8
2019/2020	3	3
2020/2021	7	5

7. Feedback on the quality of provided education

- a) Procedures for monitoring and evaluating students' opinions on the study programme quality. The organizational and legal aspects of the processes for monitoring and evaluating students' opinions on the study programme quality are published at :
<https://www.unipo.sk/search/?q=sp%C3%A4tn%C3%A1+v%C3%A4zba>
<https://www.unipo.sk/rozvoj/MIKT/dotaznik/>
Feedback on the quality of the provided education is carried out on a regular basis (every semester) through a questionnaire in the MAIS system.
- b) Results of student feedback and related measures to improve the study programme quality. The results of the student feedback are presented and consulted at the FHNS Dean's Collegium meeting. Evidence: Minutes of the FHNS Dean's Collegium meeting.
- c) Results of graduate feedback and related measures to improve the study programme quality. The results of graduate feedback on the SP submitted for accreditation, implemented at the university level were presented and consulted at the FHNS Dean's Collegium meeting.

The results of alumni feedback on the SP are provided by the minutes of the meeting with alumni and employers on the study programme Ecology and Environmental Studies, where comments, critical observations and suggestions and recommendations on the curriculum, the content of individual courses and infolists were presented. The minutes of the meeting with graduates on February 17, 2022 and the minutes of the meeting with employers on February 18, 2022 are available.

Measures related to the improvement of the quality of the study programme are in accordance with the documents Basic Principles of Assurance and Evaluation of the Internal Quality System of the University of Presov in Presov:

https://www.unipo.sk/public/media/39741/Rector's%20Decision%20No.%201_2021%20Basic%20principles%20of%20the%20IQS.pdf
Directive on the creation, modification, approval, cancellation of study programmes and submission of applications for accreditation of study programmes and fields of habilitation proceedings and inauguration proceedings at the University of Presov in Presov:
https://www.unipo.sk/public/media/39741/Rector's%20Decision%20No.%202_2021%20Directive%20on%20the%20creation,%20modification,%20approval,%20cancellation%20of%20SP%20and%20submission%20of%20applications%20for%20accreditation.pdf

Relevant internal regulations and information regarding the study or the study programme student are available from:

<https://www.unipo.sk/en/>
<https://www.unipo.sk/en/en/study/>
<https://www.unipo.sk/en/faculty-of-humanities-and-natural-sciences>
<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/hlavne-sekcie/vz/>
<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/hlavne-sekcie/VSK/>
<https://www.unipo.sk/fakulta-humanitnych-prirodných-vied/AS-FHPV/>
<https://www.unipo.sk/informacie-o-univerzite/ouniverzite/dokumenty/>
<https://www.unipo.sk/vsk/dvsk/>
<https://www.unipo.sk/en/faculty-of-humanities-and-natural-sciences/geography/>