



WHOLE UNIVERSITY STUDY PROGRAMME MASTER'S DEGREE STUDY

UNIVERSITY OF ŽILINA Whole university study programme

CONTACT

University of Žilina
Whole university study programme

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Supervising Department:
Institute of High Mountain Biology (IHMB)
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All the questions concerning your studies can be referred to the study administrator:

Mgr. Zuzana Ballová, PhD.
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Coordinator for work with students with special needs:

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ACCREDITED STUDY PROGRAMME OFFERED FOR THE ACADEMIC YEAR 2019/2020

MASTER'S DEGREE STUDY PROGRAMME	
FULL-TIME STUDY	PART-TIME STUDY
LENGTH OF STUDY 2 YEARS	LENGTH OF STUDY 3 YEARS
Alpine and Mountain Ecology	-

Detailed information on study programme:

- syllabus,
- course information sheets

can be found at <http://vzdelavanie.uniza.sk/vzdelavanie/plany.php>.



EXPECTED NUMBER OF ACCEPTED APPLICANTS TO THE FIRST YEAR

MASTER'S STUDY		
STUDY PROGRAMME / FIELD OF STUDY	PLANNED CAPACITY	
	FULL-TIME	PART-TIME
Alpine and Mountain Ecology / General Ecology and Individual and Population Ecology	20	-
TOTAL NUMBER	20	-



TERMS AND CONDITIONS OF ADMISSION

- **The fundamental prerequisite** of being accepted to the master's degree study programme (study programme of the second degree) is the full completion of the first degree of the university study (Higher Education Act, n. 131/2002 Coll.).
- **Language competence** - for study programmes that are carried out by the institute in the Slovak language, written and oral command of Slovak or Czech language is required. It is also necessary to have the knowledge of English language in writing to be able to create diploma thesis. For study programmes that are carried out by the institute in the English language, written and oral command of English is required. The applicants who do not actively speak Slovak or Czech are required to attend the language training. It is possible to attend the Slovak language courses at UNIZA. For more information, please contact the Institute of Lifelong Learning UNIZA <http://www.ucv.uniza.sk/ucv/?ur1=19&ur2=192&ur3=0>
- The basic and other terms and conditions of admission are applicable as for the applicants from abroad as for the applicants from Slovakia.
- Foreign students who study in a foreign language (i.e. not Slovak), pay the tuition fee as stated in § 92 Subsection 8 (Higher Education Act). The tuition fee is specified by the UNIZA directive for the respective academic year, which can be found on the university website. For the academic year 2019/20 the tuition fee is 3500 €.
- Students from abroad who study in the Slovak language do not have to pay the tuition fee.
- For foreign applicants who were accepted on the basis of intergovernmental agreements, bilateral agreements or Slovak government grants, terms and conditions stated in respective documents are applicable.



FORMS OF ADMISSION

Rules of Selection Procedure:

The prerequisite is the full completion of the first degree of the university study (Bachelor's degree) with a minimum of 80 credits for subjects specialized in environmental sciences (ecology, biology, geology, limnology and equivalent subjects) in order to apply for master's degree study programme in ecology. The minimum required average of study results is C. The content and description of the second degree field of study General Ecology and Individual and Population Ecology determine that the prerequisite of being accepted to the master's degree study programmes in the field of study Ecology is to complete a bachelor study in the same or related fields of study (natural sciences or agricultural fields of study). Thereby it is provided a common basis mainly from mathematics, statistics, physics, chemistry, geology, geomorphology, hydrology, climatology, pedology, botany, zoology, microbiology, genetics, plant and animal physiology, as well as all basic ecological disciplines (general ecology, autoecology, synecology) for all students of this field of study (it is assumed that the common core of the field of study Ecology in the bachelor study will comprise 80% of all subjects). The second degree of study creates the prerequisites for continuing to study in the third degree of study.

The results of bachelor study will be taken into account in selection procedure. Applicants who will meet the conditions will be selected on the basis of an oral interview. The oral interview will be related to the bachelor thesis of an applicant.



HOW TO APPLY

Applicants have to fill in the form Prihláška na vysokoškolské štúdium - 2. Stupeň or they can also use an electronic application form that can be found on the university website: <https://vzdelavanie.uniza.sk/prijimacky/index.php> or on the education portal: <https://prihlaskavs.sk/sk/>.

Even in case of electronic application form, it is required to print it, sign it, enclose other required documents including the payment confirmation statement of the fee and send it to the address UNIZA within the stipulated deadlines.

Incomplete application form or application form sent after the deadline will not be accepted.

In the absence or failure of entrance exams, UNIZA does not refund the admission fee.

If an applicant wants to take part in entrance exams at more faculties of UNIZA, the application forms have to be sent separately to each faculty and the respective admission procedure fees paid separately to each faculty.

Enclosures for the master's degree study programmes (to be sent with application forms):

1. Curriculum Vitae,
2. proof of payment of the admission fee,
3. copy of the Diploma,
4. information on the results of the previous study.

Admission fee:

Send 30 € to:

Žilinská univerzita v Žiline, Univerzitná 1, 010 26 Žilina

Bank: Štátna pokladnica

IBAN: SK40 8180 0000 0070 0008 0700

const. symbol: 0308

variable symbol: 19032 - masters study

Payment method:

payment can be paid by bank transfer or postal order to the account above.

Proof of payment:

proof of payment is to be sent to UNIZA with the application form.

With payment of the admission fee from the EU member states, the EES countries, territories that are considered a part of the EU (Treaty of Rome, Section 299) and SEPA countries, it is necessary to use BIC: **SPSRSKBAXXX**, IBAN: **SK40 8180 0000 0070 0008 0700**.

Tuition fees - in accordance with the Higher Education Act, information about the amount of tuition for the respective academic year will be announced on the website of the University of Žilina.



USEFUL DATES

Open Day	Deadline for submitting the application form 1 st round / 2 nd round	Entrance exams 1 st round / 2 nd round
April, 5 2019 from 11:00 a.m.	until April, 30, 2019 from August, 7, 2019	June, 7, 2019 August, 21, 2019

At the deadline for submitting the application forms, the applicant will send a list of subjects / courses that he/she has enrolled for the last semester, along with the expected date of their completion. By the deadline for submitting additional documents, the applicant will send a final statement (a list of completed subjects) and a diploma. If he/she has not obtained the diploma yet, he/she must send a confirmation from his/her educational institution proving that he/she has obtained a degree. The Institute of High Mountain Biology will create a preliminary list of potential applicants. The final decision will be sent to the candidates after successful completion of their studies and after obtaining a bachelor's degree.



ACCOMMODATION

During the study in Tatranská Javorina, it is possible to be accommodated in the IHMB premises or in private accommodation facilities in the surrounding villages. The IHMB can help find suitable accommodation for students.



BOARD

During the study in Tatranská Javorina, students can prepare meals on the IHMB premises themselves or board individually.



SCHOLARSHIPS

Students of master's degree study programmes can obtain motivational scholarships (for excellent results or exceptional achievements) in accordance with the stated criteria.

Foreign stays within ERASMUS + programme are supported by financial grants in the amount determined for the given country.



GRADUATE PROSPECTS

MASTER'S STUDY PROGRAMME

ALPINE AND MOUNTAIN ECOLOGY

(Field of study 4.3.4 General Ecology and Individual and Population Ecology)

Why to study Alpine Ecology?

Alpine areas are increasingly being exposed to a number of different types of environmental impacts in recent decades with real economic impact on neighbouring and distant countries. With rapidly changing climate the integrity of the alpine ecosystems is changing too and there are thousands of plant and animal species being affected. There is a radical retreat of glaciers as sources of water in mountain valleys particularly in summer and especially in autumn period, traditional agriculture scheme vanishes, the qualitative composition of the flowing water is changing, endemic and relict species of biota retreat. Water resources, power plants and dams in the high mountains already today provide more than the originally planned capacity of power or irrigation, the economics of water and wood processing economy is changing, conditions in the tourism industry are changing upon which the economy of regions depend.

The aim of master's degree study programme Alpine and Mountain Ecology is to educate young scientists to address the above mentioned phenomena.

The combination of theory and practice is the base for the study programme, providing students with the necessary theoretical knowledge as well as the practical experience required for employment or further study.

Aim of study programme

The aim of the study programme is to educate the graduates with the good multidisciplinary knowledge in a wide area of Alpine Ecology.

Independent work will be emphasized especially during the writing of a diploma thesis. Students will be educated to understand and critically evaluate the information, methods and results of the research. Students will also learn about interdisciplinary cooperation and communication, and how scientific research and reporting are conducted. Successful completion of this programme will be a sufficient qualification to continue in doctoral study.

Students who complete this programme can proceed to the doctoral programmes in the field of natural sciences, ecology and similar research areas.

Graduate Prospects

Graduate has the general knowledge about environmental phenomena and contexts in nature as well as about the effects that limit or developed them. He / she is able to identify and interpret the interactions in environment according to the orientation of his / her diploma thesis (in water, in air, in soil and on its surface) on the basis of model groups of organisms (plants, animals), data obtained from specialized workplaces dealing with environmental monitoring or changes in country. He / she can independently solve some subtasks related to the protection and creation of environment. He/she can apply in in basic or applied research, in specialized activities of state nature protection or in non-governmental organizations dealing with protection. He/she understands the basic issues of mutual relations between the abiotic and biotic elements of ecosystems on the basis of biological, chemical, landscape, geographic and protection aspects of the environment. He / she is able to identify the anthropogenic impacts on the environment and design related environmental protection. Under the guidance of an experienced expert he / she is able to solve independently some easier tasks related to the protection and creation of the environment.