FACULTY OF HORTICULTURE AND LANDSCAPE ENGINEERING (FHLE)

SLOVAK UNIVERSITY OF AGRICULTURE IN NITRA (SUA in Nitra)

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Conditions of the admission procedure for PhD. study at FHLE SUA in Nitra for the academic year 2023/2024

in accordance with the schedule of academic year 2023/2024

FORMS AND LENGTH OF THE STUDY:

doctoral daily study	3 years
doctoral external study (paid)	4 years

ACCREDITED STUDY PROGRAMMES FOR THE ACADEMIC YEAR 2022/2023

DOCTORAL STUDIES IN SLOVAK LANGUAGE	**Form of study**	**School-fee /acad. year** (in the external form of study)
Horticulture	daily / external	1100 €
Landscape and garden architecture	daily / external	1100 €
Landscape engineering	daily / external	1100 €

DOCTORAL STUDIES IN ENGLISH LANGUAGE	**Form of study**	**School-fee /acad. year** (in the daily and external form of study)
Horticulture *	daily / external	2 200 €
Landscape and garden architecture *	daily / external	2 200 €
Landscape engineering *	daily / external	2 200 €

** study program accredited also in English language.* **Conditions of admissions:**

Proof declaring a satisfactory level of English language proficiency by one of the following three certificates:

1. IELTS Academic version (International English Language Testing Service, British Council) with a minimum score of 6.5 points
2. CEFR (Common European Framework of Reference for Languages) at level C1
3. Cambridge exam (Certificate in Advanced English, or Certificate of English proficiency from the University of Cambridge)

Deadline for application submission: 31. May 2023
Day of the meeting of the Admission Commission: 16. June 2023

Admission fee: **45,00 €* (electronic registration)**

Payment of the fee for the admission procedure for electronic registration – non-cash according to the instructions provided in the application.

The following data is required to make the payment for the admission procedure:

Name and address of the payee:	Slovak University of Agriculture in Nitra, Tr. A. Hlinku 2, 949 76 Nitra, Tr. A. Hlinku 2, 949 76 Nitra
Beneficiary's bank	Štátna pokladnica, Radlinského 32, Bratislava 810 05
Account number:	7000066247/8180
IBAN:	SK40 8180 0000 0070 0006 6247
Variable symbol:	104900
Constant symbol:	0558
Specific symbol:	104900721
Message for recipient:	surname and first name of the applicant (state without diacritics).

The following data are required to make the payment for the admission procedure from other countries including also SWIFT code: SPSRSKBA

Information of the admission procedure are also available at: *www.fzki.uniag.sk ; www.portalVS.sk*

CONDITIONS OF THE ADMISSION PROCEDURE FOR PhD. STUDIES AT THE FHLE SUA IN NITRA FOR THE ACADEMIC YEAR 2023/2024

Admission procedure for PhD. study - doctoral studies at FZKI SPU in Nitra are carried out in accordance with § 56 and § 57 of Act no. 131/2002 on higher education institutions and on the amendment of certain acts as amended and in accordance with the Study Regulations of the SUA in Nitra.

1. Admission to study at a doctoral study program is carried out by the admission procedure in terms announced publicly, usually once, at most twice during a calendar year. Information for applicants is published in Slovak and English. The basic condition for admission to doctoral studies is a second-level university education.
2. The date of the entrance exam and its form is determined by the dean. During the entrance exam, the committee takes into account the applicant's knowledge of one world language, for foreign applicants, knowledge of Slovak and world languages (this does not apply to study programs conducted exclusively only in English), subjects that form the theoretical basis of the chosen study program and the presentation of outlines on the topic of the dissertation. Activities in the scientific activity of students during the second degree of study are also taken into account.
3. The dean decides on the admission of an applicant to doctoral studies based on the results of the entrance exam conducted before the admissions committee. Every candidate for doctoral studies must pass an entrance exam. The date of registration for doctoral studies is determined by the dean. The number of applicants that the faculty plans to accept for doctoral studies depends on the number of approved dissertation topics. Dissertation topics for the respective study programs (SP) are approved by the program commission of the relevant study program.
4. If an applicant for doctoral studies chooses a dissertation topic listed by an external educational institution, the external educational institution must also agree to his admission to doctoral studies. The entrance examination (§ 57, paragraph 3 of the Act about Universities) is held in front of a committee in which members from the university and members designated by the statutory body of the external educational institution are represented. Members from the university are determined by the dean for relevant study program held at the faculty and by the rector for study programs that are not held at the faculty. Upon agreement between the university or the faculty with an external educational institution, the entrance exam can be held at the external educational institution with the participation of representatives of the university.
5. The decision on the result of the admission procedure must be made in writing within 30 days from the verification of the fulfillment of the admission conditions.
6. An applicant who has received a decision not to be admitted to doctoral studies may submit a request for a review of this decision to the authority that issued the decision within eight days from the date of its delivery.

OTHER CONDITIONS FOR ADMISSION TO PhD. STUDY

Study program: Landscape engineering

Applicants must have completed higher education II. degrees in the relevant programs accredited in the field of agriculture and landscaping, cartography, ecological and environmental sciences, construction, architecture, and urban planning, spatial planning, earth sciences, etc.

Study program: Landscape and garden architecture
Applicants must have completed higher education II. degree in the Landscape and Garden Architecture program in the field of architecture and urbanism, or higher education of II. degree in a related or relevant field of ecological and environmental sciences, or in other disciplines that create the prerequisites for consistent research in landscape architecture and demonstrate clear evidence of academic experience appropriately aligned with landscape architecture. All study applicants will submit a portfolio of scientific, creative, and professional works relevant to conducting doctoral research in landscape architecture.

Study program: Horticulture
Applicants must have completed higher education II. degree in the Horticulture study program, or higher education of II. degree in a related or relevant study program in an accredited field of agriculture and landscaping, or in other disciplines that create the prerequisites for consistent research in horticulture and demonstrate clear evidence of academic experience appropriately aligned with horticulture. All applicants will submit a portfolio of scientific, creative, and professional works relevant to the conduct of doctoral research in horticulture.

OTHER CONDITIONS FOR ADMISSION TO STUDY (applies only to Study programs conducted exclusively in the English language)

Information for foreign applicants, or applicants who completed the second degree of study abroad
Foreign applicants, or applicants who have completed the second degree of university studies abroad are obliged to attach to the application, or to the Application Form also the Decision on the recognition of the educational document.

The decision on the recognition of a document of education (recognition of the level of education without comparing the field of study) **is issued by the Ministry of Education, Science, Research and Sport of the Slovak Republic**, if the recognition of the degree is requested by the applicant whose document of education was issued in the state with which the international bilateral agreement was signed, but also an applicant from any other state **for the purpose of proving that the basic conditions for admission to study have been met.** Detailed information are available at: https://www.minedu.sk/uznavanie-dosiahnuteho-stupna-vysokoskolskeho-vzdelania-bez-porovnania-odboru-medzinarodne-dohody/#Ziadost

A decision on the recognition of a document of education (recognition of a document of education in a field of study) **is issued by a university in the Slovak Republic**, which conducts a study program in the same or a related field of study, as indicated on the document of duly completed higher education. Detailed information are available at: http://www.uniag.sk/sk/uznavanie-dokladov-o-vzdelani

For doctoral studies conducted exclusively in the English language, the following additional admission condition applies:

- Proof declaring a satisfactory level of English language proficiency by one of the following three certificates:

- IELTS Academic version (International English Language Testing Service, British Council) with a minimum score of 6.5 points
- CEFR (Common European Framework of Reference for Languages) at level C1
- Cambridge exam (Certificate in Advanced English, or Certificate of English proficiency from the University of Cambridge)

ADMISSION EXAM

consisting of:

- interview also in one of the foreign language
- presentation of the project framework – a scientific discussion of solving and achieving the scientific aim of the dissertation topic, to which the applicant has applied (proposals of solving the problem, methodological bases, and procedures, which can be used in fulfilling the aim of the dissertation project).

APPLICATION

It is delivered on the prescribed form to the address:

Dean's Office of the Faculty of Horticulture and Landscape Engineering SPU in Nitra, Tulipánová 7, 949 01 Nitra,
Ing. Andrea Matuškovičová, tel. 037/641 5414,
email: Andrea.Matuskovicova@uniag.sk

and at the same time electronically at: https://is.uniag.sk/prihlaska/?lang=sk

NECESSARY ANNEXNES FOR THE APPLICATION:

1. CV;
2. proof of payment of the fee for the admission procedure - payment via internet banking or bank transfer;
3. officially certified photocopies of diploma (university diploma, state examination certificate, diploma supplement, officially certification is not required for an applicant who has graduated master degree of study at FHLE SUA in Nitra);
4. list of published professional and scientific (artistic) works;
5. proof of professional experience, if the applicant was employed before starting doctoral studies;
6. confirmation of employment and job position (only applicants for the external form of study);
7. project framework to the topic of the dissertation thesis (max. 2 A4);
8. statement of the results of master's, engineering, doctoral studies of individual years and the full-time average, which is issued by the study department;
9. participation and success on olympiads, competitions, student scientific professional activity, authorship of discoveries, or industrial designs specified by the applicant in a separate annex.

TOPICS OF the DISSERTATION THESIS

The topics of the dissertation thesis are available on the website of the faculty http://www.fzki.uniag.sk/sk/doktorandske-studijne-programy/

INFORMATION ABOUT THE ADMISSION PROCEDURE ARE AVAILABLE AT

www.fzki.uniag.sk/sk

www.portalVS.sk

STUDY PROGRAMME - LANDSCAPE ENGINEERING

Graduate profile

The Doctoral Study Programme Landscape Engineering is focused on the study of processes in the country and on the interaction of human activities in the landscape space, taking into account a set of organizational, biological, agrotechnical and technical-construction arrangements solved in the country. The program is focused on the education of a graduate who dominate the principles and procedures of scientific work, in which he will apply approaches based on interdisciplinary contexts.

The aim of the study is to teach the student to analyze and understand the interaction in the country and use the acquired knowledge to eliminate negative impacts on the country. The concept of the study programme is based on interdisciplinarities and includes the issues of climate change, water management, land consolidation, soil protection and reclamation, nature and landscape protection, environmental management, waste management and circular management. The study is based on the use of the GIS tools and modern simulation tools that are applied by the analyzing the problems and looking for their optimal solutions. The student will acquire the knowledge of scientific, theoretical and experimental methods and procedures in the area of landscape and is able to bring own original solutions and strategies. During the study, emphasis is placed on the internationalization of study in the form of study stays and internships at one of the partner workplaces abroad. Graduates of the program are able to employ in the field of science, research and education, as well as in various leadership positions in a state and public administration, managerial positions of companies, design studios and can hold positions at the level of national and European authorities.

Graduate employment

Graduate of the study program:

- may his/her competences aplied s a leader of the creative research team, as an independent researcher at universities, in the academy of sciences, research and development workplaces, state authorities and authorities of municipalities, consulting companies, etc.
- may carry out expert activities in the fields of landscape planning, landscape consolidaton, waste and water management, as well as environmental management;
- finds the job in design companies focused on projection of land consolidation, hydro-melioration structures, water conservation and anti-erosion arrangements,
- is able to hold expert positions at both national and European level.

STUDY PROGRAMME - LANDSCAPE AND GARDEN ARCHITECTURE

Graduate profile

Graduate of the study programme Landscape and garden architecture in the 3rd degree has comprehensive knowledge in the field of spatial planning and landscape creation, understands the principles of creation of green objects, their historical development and restoration procedures. Knows the methodology and means of scientific research in landscape and garden architecture. He is able to analyze and creatively influence land use in accordance with social and environmental priorities of society. For the purposes of analysis, evaluation and modelling in the country is able to use GIS and CAD systems. Can creatively apply knowledge from the field of landscape architecture and other related branches of science to solve practical tasks in the field of sustainable land use and complex development of settlements. It proposes new approaches, methods and technologies for the planning, design, establishment and management of green infrastructure. Is able to present and confront its own knowledge, approaches or solutions in a critical environment of the scientific community. It can coordinate work in research or implementation teams also at the international level.

Graduate employment

Graduates can find employment in education or research in landscape design and planning. In implementation practice and project activities, in policy formation and in consulting.
May be carry out professional activities in the field of spatial planning, landscape architecture, environment, production and control of plant material of woody plants and herbs.

- Landscape architect;
- Specialist in the field of science development, research, innovation;
- Assistant Professor at University;
- Spatial planning specialist;
- Expert of the State Administration for Environmental Protection;
- Phytopathologist ;
- Phytoinspektor.

STUDY PROGRAMME - HORTICULTURE

Graduate profile

Graduates of the study programme Horticulture in the 3rd degree of the study manage scientific methods of solving the tasks of horticulture, research, its individual sectors such as fruit growing, viticulture, wine production, vegetable farming, floriculture and nursery production. It participates in the compiling of scientific projects, which manages at the professional and scientific level. During the study, acquires the principles of independent and teamwork, understand scientific methods, basic experimental research, scientific analysis and synthesis of results with a reflection translate into the new technologies. Is capable of creative work, responding to domestic as well as international project challenges and knowledge, which can use in the field of science and

research. Can speak at international conferences, present scientific publications, process searches, formulate conclusions. Is ready to process and submit projects, grants with the topic of horticultural primary production in the field of basic and applied research. Graduate of the 3rd degree of the study programme Horticulture acquire knowledge from various fields at the level of an independent manager in the field of horticulture, furthermore is able to prepare the documents for the implementation of the design of orchards, vineyards and cellar technology.

Graduate employment

Theoretical knowledge and practical skills of graduates of the 3rd degree of study provide a wide range of possibilities for their employment.

Graduate of the study program:

- may apply competences as a leader of the creative research team, as an independent researcher at universities, at the Academy of Sciences, research and development workplaces, state authority and authority of municipalities and consulting companies;
- may carry out expert activities in horticulture, fruit production, viticulture and wine production, cultivation of flowers as well as environmental management;
- finds employment in design companies focused on designing gardens, orchards, flower gardens, vineyards;
- is able to hold expert positions at both national and European level;
- is able to solve scientifically the possibilities of increasing the content of bioactive substances in plant products and edibles of plant origin;
- is able to solve scientifically the use of bioremediation techniques to eliminate soil contaminants before entering into the agricultural crops;
- is able to solve scientifically the possibilities of antibacterial agents on products and edibles of plant origin.