

## STUDY PROGRAMS

### Bachelor study programs

- Horticulture
- Landscape Engineering
- Landscape and Garden Architecture

### Master study programs

- Horticulture
- International Master of Horticulture Science
- Landscape Engineering
- Garden and Landscape Architecture
- Biotechnics of Park and Landscape Arrangements

### Doctoral study programs

- Horticulture
- Landscape Engineering
- Garden and Landscape Architecture

## FACULTY PARTICIPATION IN EU STRUCTURAL FUND

Operation programme Education

Name of the project:

Support for improving the quality of education at the Horticulture and Landscape Engineering Faculty (FZKI) of SUA in Nitra

ITMS: 26110230094

Duration: 10/2013 - 12/2015

Eligible expenses: 1.232.210,68 EUR



Európska únia

VÝSKUMNÁ  
AGENTÚRA



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## BACHELOR STUDY PROGRAMS



Faculty of Horticulture and Landscape Engineering  
Slovak University of Agriculture in Nitra



## STUDY PROGRAM: HORTICULTURE

### Graduate profile

Graduates are academically qualified specialists in the field of Horticulture. They are able to use the acquired skills in the cultivation of horticultural crops, including safe cultivation of plants' safe cultivation with regards to fertiliser application in the sphere of viticulture, pomiculture, floriculture, vegetable gardening and production of aromatic plants production. They are qualified for the operational management and growing of horticultural crops in the open field conditions and they have a good understanding of the newest reproduction technologies in various horticultural sectors. Graduates are also trained in the basic techniques of grape processing and grape vine production.

### Assertion and employment of graduates

Graduates prove competent as technical staff in horticultural services and as consultants in the field of vegetable application, fruit, ornamental trees and grape vines reproduction technologies. They may also be employed as technical assistants in cellar management and as specialist advisers in governmental and public administration. They can also work as specialists in all forms of horticultural production, marketing, trade, processing, research and education.



## STUDY PROGRAM: LANDSCAPE ENGINEERING

### Graduate profile

Graduates will acquire complex knowledge of landscape components, their analyses, planning, management and protection. They have a knowledge based on biological and technical disciplines, which enable comprehensive solutions in rural landscapes in accordance with the requirements of sustainable development and current legislation in Slovakia and the EU. Graduates will gain theoretical and practical knowledge of landscape water management; protection of soil, water and air quality; waste management; organisation, use and improvement of the land resources soil fund and assessment of the quality of environment and its components. They will also acquire skills in the field of information technologies, CAD design and GIS. They are able to analyse, evaluate and assess all activities related to landscape and environment with emphasis on water regime regulation, building up missing resources, drought and flood protection measures and their optimal design.

### Assertion and employment of graduates

Gained skills and knowledge will allow graduates to work in the public and private sectors (project, investment and supplier organisations, with focus on landscape protection protection of landscape components, water and waste management, rehabilitation, restoration and construction interventions in the landscape); in the field of administration and operation of water management units (e.g. catchment enterprises, management of hydrological improvement hydromelioration facilities and water management companies); in public institutions and the commercial sphere, at the property, forestry, waste, environment and land registry cadastral divisions and their client centres; in the advisory services, particularly in environmental issues, assessing the impact of activities on the environment, in the management of secondary raw materials and the protection and evaluation of land; in the supplying organisations with focus on amelioration and water management engineering.



## STUDY PROGRAM: LANDSCAPE AND GARDEN ARCHITECTURE

### Graduate profile

Graduates of the program Landscape and Garden Architecture will acquire knowledge in humanity disciplines and the basics of design and creative ability. They will pass technical and relevant technological subjects. They have knowledge of natural and technical sciences, landscape theory, graphic design, architectural drawings and construction details. They understand garden history and theory, principles of garden and landscape design, they have knowledge of plant assortment (native and introduced species) used in the garden and landscape design as well as suitable techniques for planting and maintenance. Graduates can use relevant computer programmes and graphic software.

### Assertion and employment of graduates

Graduates are able to work in professional teams as well as run their own business in the field of residential garden design. They are qualified to solve simple landscape-architectural solutions by hand drawing or using computer graphics. They can design small architecture constructions; work in professional teams, participate in activities related to environmental protection and maintenance, run private business in the field of greenery management and design.

