

Study program: **41 – 44 – M/01 Horticulture (EQF4)**

Name of study program: **Design of Urban Greening**



We are introducing a new field of study focused on innovative approaches to the establishment and maintenance of urban green spaces. Gain the necessary knowledge and skills to create green habitats that respect natural ecosystems and biodiversity.

Is it the right specialisation for you?

- Are you interested in ecology and is maintaining sustainable conditions for life on Earth important to you? Are you aware of changing climatic conditions and want to be involved in creating an urban environment that can adapt to them?
- Are you interested in how to use water efficiently when irrigating green spaces, or how to design a garden or park that becomes a haven for insects and other animal species? Or would you like to be able to create a living green wall or roof?
- Do you want to become an expert in the green sector and apply your knowledge with reputable companies or in your own business?

Join us in building sustainable green cities to respond to the changing climate conditions on our planet.

What kind of career opportunities will you have?

They'll compete in the labour market for you! Cities, companies, municipalities caring for greenery in towns, villages and public spaces are facing a severe shortage of skilled workers whose education matches the increasing demands for the necessary knowledge and competences. It will be up to you which path you take. You can either work directly in an implementation company and be in the field or methodically guide others. Alternatively, you can set up a company specialising in the application of modern practices and knowledge in the green sector. You can also apply your professional competences in municipal, regional or national environmental authorities. And of course, you can go on to university to further your knowledge. Whatever you decide, you'll benefit from professional language training in English and from the international work experience you'll have the opportunity to complete during your studies.

More about the field of study:

- You will be a student at a school that is actively involved in the European Platform for Urban Greening and is a founding member of the Centre of Excellence - Green Cities 2030+. As a result, you will have the opportunity to participate in training programmes abroad and strengthen your theoretical knowledge of professional English.
- You will learn how to graphically represent your own design proposals for urban green spaces, public areas and landscape greenery.
- We'll train you to plan and implement modern irrigation systems for different types of lawns and flowerbeds, from family gardens to golf courses.
- You will be able to use modern computer software required for design work such as AutoCAD, or Realtime landscaping architect.
- In years 3 and 4 you will try your hand at working on real projects that will help you kick-start your work portfolio, as well as getting involved in a student company.
- You'll also have work experience, either in our school gardens, greenhouses and driving range, or with collaborating green space companies.
- The demand for horticultural professionals is high and with your education and certifications, you'll easily find employment.
- You'll find inspiration for your work when you visit modern cities, both domestic and international, that are excellent examples for their ecological approach and aesthetic sensibility.



What does the patron say about this field of study?

garden designer and vocational teacher

Ing. Veronika Zikmundová

„This study program responds to the urgent need to change the way we look at the connection between the city and the landscape. It shows the possibilities to slow down global warming, teaches water management and can create a common space for people, animals and plants to live together. Students will gain a deeper understanding of the symbiosis of the two worlds of city and landscape. They will strive to blur their boundaries, and not just on paper. Their knowledge of flora and fauna, along with the basics of urban planning and water management, will give them a wealth of real-world applications.“



The study program was created with the support of the European Union under the Erasmus+ KA3 – European Platform for Urban Greening project.