



HUNGARIAN UNIVERSITY OF
AGRICULTURE AND LIFE SCIENCES
INSTITUTE OF LANDSCAPE
ARCHITECTURE, URBAN PLANNING
AND GARDEN ART

Address: 1118 Budapest, Villányi str. 29-43.

Hungarian name of the subject	English name	Code	ECTS	Description	BSc/MSc
Bécs barokk történeti kertjei	Historical gardens of baroque Vienna	TETTD195N	2	The subject deals with studying Austrian Baroque gardens, with particular emphasis on those in Vienna and around Lake Fertőd. In the framework of this course, we will visit four gardens (Schloss Hof, Schönbrunn, Belvedere, Neugebaude) after preliminary professional lectures. We will learn about the stylistic features and details of the gardens, and after the one-day trip (on a Saturday in May), the students will solve various analytical and graphic exercises. The trip costs around 12,000 HUF and 10 Euros.	BSc, MSc
Építészeti és tájépítészeti terelemélet	Architectural and Landscape Architectural Space Theory	TETTD035N	4	During the course, we will analyze significant architectural works (buildings, urban spaces, parks, gardens, etc.), examining the successive stages of architectural work development from the program's conception to its realization. We will explore the relationship between the material reality of the work and the architectural idea behind it, looking for the cohesion that organizes the mature work into a harmonious system, both within itself and in its environmental context.	MSc

Formázás és modellezés	Shaping and Modelling	TETTD049N	2	The course aims to familiarize students with detailed technical, structural, and design principles of garden construction. Besides describing basic technical and aesthetical rules, the lectures and seminars mainly provide a specific mindset about garden construction. The course aims to deepen the knowledge gained through practice and consultation. The personal feedback given on consultations represents the core educational techniques of the course. Object design and form genesis will be partially discovered through modeling. The practice of modeling is emphasized within the framework of the subject. The course introduces students to landscape architecture's technical and formal details through modeling with various materials.	MSc
Kertépítészeti anyagtan és gyártmányismeret	Garden architectural materials and techniques	TETTD276N	2	The content of the taught subject is the introduction of building materials and products within the competence of garden and landscape architecture.	BSc
Kertépítészeti geodézia	Land Surveying for Landscape Architects	TETTD058N	3	The primary purpose of teaching the subject is the transfer of technical knowledge related to design maps and site plans. They get acquainted with the basic concepts of positioning and acquire the basic knowledge needed to perform geodetic measurements. They will be introduced to leveling instruments, angle measurement tools, and GPS technology. The exercises consist of measurement and calculation tasks and instrumental demonstrations related to the lecture material. Design tasks in line with the related subjects. Learning the basics of designing engineering structures. Design of steel supporting structures. Design of timber frame structures. Design of reinforced concrete structure.	BSc
Magyarország növényzetének bemutatása	Introduction to the Vegetation of Hungary-Field Studies	TETTD384N	2	The course offers an introduction to the natural and semi-natural vegetation of Hungary. The course starts with a three-week seminar, during which we study the Hungarian vegetation heritage (the main habitat types), its recent pattern, and landscape historical changes. In the second part of the course, students are welcomed for three field trips: a guided walk through a representative grassland, wetland, and woodland habitats near Budapest.	BSc/MSc

Modern dísznövénytermesztés	Modern Systems in Floriculture	TETTD079N	4	The course provides a comprehensive knowledge of the trends in the cultivation of greenhouse ornamental crops. During the semester, we will cover the most up-to-date technological methods used in cultivation, the possibilities of growth regulation, and controlled cultivation. Description of additional cultures and technologies not taught at the BSc level: hydroculture, additional potted flowering ornamental plants, additional cut flower cultures, and in vitro techniques used in ornamental plant production. Students practice applying the acquired knowledge by completing a project task.	MSc
Speciális dendrológia 2.	Special dendrology	TETTD313N	4	Course Description: The course aims to learn about the mainly woody taxa that are not included in the essential requirement and to gain experience in the practical application of these species. During the semester, the classes will provide knowledge of over 200 species, subspecies, and cultivars. During the course, students will visit two (or three) botanical gardens in Budapest and Vacrato. By learning about the different crown shapes, leaf forms, bark structure, and plants' growing habits, students' attention will be sensitized to the uniqueness of other species, which can be used well in different climatic conditions. The main objective is to learn how to use plants to design open spaces. Students must prepare a winter garden plan and give an oral presentation. The task can be extended with drawings.	BSc/MSc
Szabadföldi dísznövénytermesztés	Outdoor Cultivation of Ornamental Plants	TETTD102N	4	The course introduces the importance of morphological and physiological characteristics, ecological needs, and developing and cultivating woody and perennial ornamental plants in the open field. Within the course, the students' knowledge of plants will be expanded. They will also learn about the application possibilities of each species and variety, and we will also provide an insight into the green area maintenance work related to them.	BSc
Szabadtertervezés és design 2.	Open Space Design 2	TETTD105N	5	The aim of the course is to familiarise students with landscape architecture responses to contemporary challenges through a complex approach to the design of urban open spaces at different scales. The focus is on communicating conceptuality and artistic expression while maintaining functional compliance and professional regularity.	MSc

Tájépítészeti grafika és vizuális kommunikáció 2.	Landscape Graphics and Visual Communication 2	TETTD126N	4	The course aims to combine handmade drawings with digital afterworks in the following topics: layout and small visual images, sections, idea sketching, landscapes and panoramas, street views, urban sketching, and design drawing with pencils, markers, ink, soft pastel, and some modeling as well. At the end of the semester, the students must hand in a graphical portfolio.	BSc, MSc
Tájtervezés Budapest agglomerációjában	Landscape Planning in Budapest Agglomeration	TETTD229N	4	The course contains theoretical lectures about the actual landscape planning challenges, such as brownfield rehabilitation and control of suburbanization. The focus of the course is to gain experiences by visiting sites that are interesting from a landscape planning point of view in Budapest and the agglomeration zone.	BSc, MSc
Térinformatika terepen és irodában	GIS in Field and Office	TETTD230N	4	The course focuses on field surveys with GPS, map navigation, smartphone apps, measuring tools, thermal and infra cameras, drones, aerial and satellite images, and elevation models in the field. We use Quantum GIS and Google Earth software to download and process field survey results and related spatial data.	BSc, MSc
Történeti kertek, tájak helyreállítása	Restoration of Historical Gardens, Landscapes	TETTD175N	6	The course proposes to highlight the main issues related to the research and analysis of historical and cultural landscapes and sites, conservation methods, and redesigning possibilities of landscapes, gardens, or landscape features with historic character. The course is driven by the project-oriented instruction approach and the analyses, research, and planning assignments given out over the semester.	MSc
Városökológia	Urban Ecology	TETTD183N	3	The course aims to introduce the theoretical foundations of Urban Ecology and to integrate them through a practical exercise. The lectures will give an overview of the basic knowledge. The subject's practical course will support applications in urban planning and landscape architecture through a problem-solving project assignment. The project task is 'Climate Adaptive Housing and Public Space.'	MSc