

Courses in English

Study Plan of English Module LANDSCAPE ARCHITECTURE Winter Semester

Code	Course	ECTS	Course content
Z15-0148-I	Landscape design	6	Definition and aim of landscape design. History development in landscape design. Landscape phenomena, tools and ways in landscape design. Landscape design as process of rationally land-use forms, landscape changes, its amelioration and revitalisation, nature and culture heritage preservation, and creation of landscape image. Aesthetics, composition and organisation of landscape spaces. Vegetation as dominant tool on landscape design. Principles and approaches in forest landscape design, agriculture and urban landscape one. Landscape-architectonical creation of road side vegetation, water basins and streams, agriculture farms, objects of agriculture management and technical works in the country.
Z15-0157-I	Renewal of Countryside Settlement Verdure	4	Structure of the rural settlement. The structure of the green in its functional areas. History, traditions, artistic representation of elements in rural settlements. Aesthetics, perception, incorporation of the seat into the country. Restoration of the countryside in terms of greenery within SAPARD, POD. Design solution of functional green zones in rural settlements. Design is processed at a scale of 1: 10,000, 1: 5000, 1: 1000, 1: 500, etc. Exercises are led by assigning a seminar paper. Designing a solution to a specific rural area.
Z15-0140-I	Ateliers of Special Green Space Design	5	To attend this subject it is necessary to pass Ateliers of private gardens, Ateliers of public greenery creation, Theory of garden design, Park creation and Dendrology I. and II. The aim of the subject is to analysed chosen territory from the several points of view. According to the analyses students will do landscape and architectonical proposal of the chosen areal, which should be from the category of the restricted verdure /it means different types of the school areals, hospitals, botanical gardens, cemeteries,...). Project will reach documentation in realization scale.

Z15-0020-I	<u>Biotechnics of Landscape Verdure</u>	6	The riparian vegetation, windbreaks, green shelterbelts. The landscape greenery used for redevelopment and revitalization of the devastated areas. Functional and spatial specificities of the scattered greenery. The criteria for selection of the suitable woody plants for landscape greenery. The methods and technologies of the establishment and maintenance of landscape greenery. The specificities in regeneration of the landscape greenery and techniques used for these purposes. Revitalization of the landscape greenery. Technologies and techniques of revitalization, which are applied on areas damaged by agricultural and industrial activities. Within the course are 15 hours of the field exercise.
Z15-0156-I	<u>Restoration of Historical Verdure</u>	4	Historic greenery typology and terminology; period styles overview; legislative protection. Historic greenery survey, evaluation, limits and renewal levels. Historic greenery renewal methods and procedures; renewal principles; composition and materials. Historic greenery maintenance; utilization and existence purpose of historic greenery in the future.
Z15-0154-I	<u>Modelling, Visualization and Presentation in Landscape architecture</u>	8	Subject follows the subject Creation of Public and Recreation space in urban areas. Modelling, Visualization and Presentation in Landscape Architecture "is applied discipline, a content of which is focused on the use of computer graphics in garden and landscape design. The course is based the application of bitmap and vector graphics editor (such as Adobe Photoshop / Illustrator, AutoCAD, EaglePoint, etc.). The learning process is divided into 3 phase. In the 1-st phase 1 the student learns how to work with 2-dimensional space and create a two-dimensional planning documentation (landscaping drawings) with using the efficient (automated) elements of design (product database, automated bill of quantities, etc.).
Z15-0007-I	<u>Diploma Thesis Seminar</u>	2	The sequence of steps related to the elaboration of the diploma thesis - basic structure, special requirements. Text preparation. Preparation of documentation. Quote and list of bibliographic links. Formal aspect of work preparation and adaptation. Forms of presentation in the defense of the diploma thesis.
	Total	35	