Course Summary
Course Title: RECREATIONAL LANDSCAPES
ECTS Credits: 3 (108 h.)

Course objective
Theoretical knowledge and practical skills acquisition in the field of recreational and sanitation activities, as well as architectural and spatial transformation of natural and man-made landscapes.

Course tasks
Familiarization with the direction of natural and sanitation factors and landscape components use for resort and recreational complexes creation and operation, as well as volumetric and spatial organization of territories.

Course outline
The concept of landscape architecture. Landscape-planning features of green spaces arrangement. Stylistic trends of territory design. Space-dimensional structure of landscape art objects. Relief and its geo-flexible opportunities. The techniques of greenery use in landscape objects. Lawns and flower decoration of territories. Water sources in landscape composition. Rocky gardens in landscape design. Artificial elements of improvement (breastwalls, stairs, hard covers, fences). Small architectural forms in landscape architecture. Engineering facilities (systems of lighting, irrigation, drainage etc.). Architectural and artistic principles of composition. Landscape design. Technological aspects of landscape art elements creation and their maintenance. Landscape architecture of urban and techno-disturbed areas.

The concept of recreational resources, their structure. Territorial organization of recreational activities. Recreational zoning. Forest resources and recreational opportunities. Climatic resources. Recreational resources of sea coasts. Mountain resources, types of recreational use. Balneology: prerequisites for resort creation, classification and characterization. Natural medicinal factors of resorts. Medicinal mineral waters and their application. Features of mud treatment. Methods of therapeutic use of paraffin, ozocerite and other heat transfer agents. Methods of recreational resources economic evaluation. Recreational tourism.

Learning outcomes
After completing the course the students should be able to:
- determine the recreational needs of population;
- evaluate the recreational capacity of territories;
- elaborate the directions for recreational land development;
- calculate the recreational load on the territories of natural and health-improvement complexes;
- predict the consequences of recreational systems creation and functioning;
- develop the proposals for resort facilities optimal functioning;
- assess the features of natural and artificial landscapes from the standpoints of their spatial transformation possibility and necessity;
- use the bio-ecological, decorative, aesthetic and other features of natural components for natural and man-made landscapes creation, artistic transformation and restoration.

Training activities: lectures and laboratory studies.

End-of-the-term assessment: test.

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