



Landscape Architecture

It is the first of a course triplet related to Landscape. It is a prerequisite for the course "Landscape Design and Constructions" of the following semester. The aim of the course is to provide the students with the basic knowledge of the historical development of Landscape Architecture, the principles of landscape design so that the result is harmonious and utilitarian, and the determination of the elements that objectify the concept of aesthetics. The criteria for the effective composition of hard and soft materials are provided in order to achieve the functionality of the space while highlighting the aesthetics and respecting the principles of sustainability. In addition, Landscape design guidelines are provided taking into account the sensitivity to multiculturalism, the sociological foundations of the study area and the existing Landscape and Environment. The course includes the historical development of Landscape Architecture through garden design from antiquity to the present, the basic design principles in free, and axonometric design, the introduction and familiarization with design instruments, scales and typology. Students will become familiar with the required techniques such as the recording, assessment and analysis of the existing Landscape through its geomorphology, the use of maps, aerial photographs, remote sensing and strengthen their perceptive capacity of the topography by creating sections. They are taught to determine the sources of inspiration and genius loci, the basic principles of composition of a Landscape Architectural plan and its stages (draft, general arrangement - Masterplan, final and implementation plan), the selection criteria of the plant material to be utilized in a design and basic principles for establishing a planting design. Students will create original design proposals for small case projects such as gardens. They are also taught contemporary urban green technologies such as planted roofs and vertical gardens. Students are expected to become familiar with terminology and acquire some basic design skills.