

COURSE TITLE:
ECO – CITY CONCEPT

Institute/Division: A5 Institute of City and Regional Design; Chair of Spatial Planning and Environment Protection

Number of contact hours: 60

Course duration: 1 semester (Spring)

ECTS credit: 7

Course description:

Preparation of urban development projects taking into consideration actual and future concepts of eco-city becomes the need in the process of teaching architecture and urban design & planning.

The concept of eco-city design project deals with the creation of a new layout of ecological town in the surroundings of Cracow or of the transformation of definite fragment of the city as an estate or district .

Applying of urban and latest technical solutions in the range of sustainable development of urbanized areas including: development of degraded or neglected terrains (biological active and build up), energy supply from renewable sources, as well as limiting environmental various pollution is going to be the basis of spatial concepts.

Literature: Basic literature on the subject of urban design and ecology

Course type: Individual or team work (groups of 2-3 students) under supervision and tutorial (continuation of Environmental Protection and Ecology seminar, but open for students not attending the previous course)

Assessment method: Concept of ecological urban design project plus description of proposed idea and specific solutions with perspective sketches

Primary target group: 5th year students in Architecture

Lecturer: Prof. Elżbieta Węclawowicz-Bilska, PhD DSc Arch.,
Magdalena Marx-Kozakiewicz PhD Arch.

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Deadline for application: beginning of the Spring Semester (according to the schedule)