

MODULE INFORMATION SHEET

Name of Module Unit	Spatial Planning and Sustainable Development
Name in polish language	Planowanie przestrzenne i zrównoważony rozwój
Module type	compulsory / elective
Form of studying	full-time day courses
Level of study	undergraduate course (B.Sc. level)
Type of study (for extra-mural courses)	-
Programme	Environmental Engineering
Speciality	Environmental Engineering
Responsible department	
Responsible person	Maria Markiewicz, PhD, DSc

Semester	Lectures(E)	Tutorials	Laboratory	Computer Exercises	Projects	ECTS
7	15					2

Objectives (summary)

The aim is to provide the students relevant knowledge about spatial planning and sustainable development. Students should acquire the skills of understanding the complex relationships between the built and natural environments. After the course, the students will be able to analyze planning documents and interpret their provisions as well as to co-operate with spatial planners in preparation of spatial planning documents.

Prerequisites

none

Rules of integrated grade setting

50% of the grade from presentation of the task and 50% of the grade from the colloquium

Recommended readings

Couch Ch. Urban planning. Palgrave Macmillan, 2016
 Mattermicht Graciela. Land use and spatial planning: Enabling sustainable management of land resources. Springer Verlag, 2018
 McHary L. Design with nature. Wiley, 1992.
 Palermo P.C. and Ponzini D. Spatial planning and urban development. Springer, 2010

Contents of lectures (syllabus)

	Topics	Time (hrs.)	Scope (S / Ex)
1	Overview of theory and practice of spatial planning on different scales (with the focus on a municipality scale).	2	S
2	Issues and challenges associated with sustainable development.	2	S
3	Spatial planning as a tool for solving conflicts related to different use of terrain.	4	S
4	Case studies of spatial development in different countries.	6	Ex
5	Colloquim	1	
6			
Total		15	hours

S – topics listed in the legal study programme standards from 12.07.2007

Ex – extended topics

Lecturers

Maria Markiewicz, PhD, Sc.

Assessment method

Presentation of the task prepared during the semester at home and the colloquim at the end of the semester.