

Study Programme: Environmental Engineering And Occupational Safety Engineering			
Course Unit Title: Basic Principles of Water Management			
Course Unit Code: Z420			
Name of Lecturer(s): Mihajlović Ivana, Adamović Dragan			
Type and Level of Studies: bachelor			
Course Status (compulsory/elective): compulsory			
Semester (winter/ summer): summer			
Language of instruction: english			
Mode of course unit delivery (face-to-face/distance learning): face-to-face			
Number of ECTS Allocated: 4			
Prerequisites: none			
Course Aims: Introduction to the basic elements of the natural and social environment and the way they impact on the water system. Also, students are introduced to the water management system and how it works			
Learning Outcomes: Overcoming curriculum course, students should: - understand the water system and locate their position and importance of their work within it - consider the possible constellation, mechanisms and instructions for water management and preparation for participation in water management.			
Syllabus. Introduction. The status and importance of water as a natural resource. Economic and social framework for water management. Natural frames. The goals of water management. Instruments for water management. Sustainable and adaptive management. Water system. Individual functions and activities. The role of global, regional and local institutions and mechanisms. World trends. Climate change and water. Water monitoring. EU directives related to water. The situation in our country.			
Required Reading: Relevant literature in English, tbd			
Weekly Contact Hours: 2	Lectures: 2	Practical work: 2	
Teaching Methods: Teaching is performed through lectures and auditory exercises. Lectures presents the theoretical part of the material while doing tasks on the exercises - practical examples from different fields that follow the lecture. In addition to lectures and exercises, consultation are held regularly . Term papers are made by groups designated by the subject's teacher, while defense research paper in terms of auditory exercises. Each test consists of a theoretical and computational work that can be put down in writing during the semester of instruction. Students who did not pass the exam must take the tests over the entire final exam.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	Final exam	points
Attendance			
Computer exercises			
Tests (4x)			

