

Level: bachelor			
Course title: POTAMOLOGY AND REGULATION OF RIVER AND CANAL SYSTEMS			
Status: elective			
ECTS: 6			
Requirements: passed exam in Hydrology			
Learning objectives Acquiring basic potamology concepts and knowledge about the features or river waters, as well as defining the laws referring to river flows in riverbeds, factors and features of river regime. Pointing out hydrotechnical possibilities and importance of regulating natural water flows, canal network and river-canal system construction for water management.			
Learning outcomes Acquired knowledge on potamological concepts, features of the river water and laws concerning its movement and river regime. Realistic consideration of hydrotechnical possibilities for regulation of rivers and construction of river-canal systems as well as huge significance of these activities for water management system.			
Syllabus <i>Theoretical instruction</i> Topics and tasks of Potamology. River system and river network. Watershed and river basin. River valley and river bed. Features of river waters. Water movement in riverbeds. River regime factors. Elements of the river regime. River regime types. Regulation of natural water flows. Construction of canals. Construction of canal and river canal systems. Role and importance of canal and river-canal systems. Significant river-canal systems in Serbia and the world. <i>Practical instruction</i> Methodology of using hydrological annals and statistical data processing referring to rivers. Methodology of defining borders and morphometrical features of the river basin. Methodology of studying the river regime. Methodology of defining morphometrical features of the water course. SONAR – a device used to measure the depth of water. Seminar paper preparation. Fieldwork.			
Weekly teaching load 4(60)			Other: -
Lectures: 2	Exercises: 2	Other forms of teaching: -	