Course Unit Descriptor

Study Programme: Water Management		
Course Unit Title: Fish Farms		
Course Unit Code: 3OUV7I47		
Name of Lecturer(s): Assoc. Professor PhD Miroslav I. Urošević		
Type and Level of Studies: Bachelor Academic Studies		
Course Status (compulsory/elective): elective		
Semester (winter/summer): winter		
Language of instruction: English		
Mode of course unit delivery (face-to-face/distance learning): face-to-face		
Number of ECTS Allocated: 6		
Prerequisites: None		
Course Aims: The goal of course is introducing students to the characteristics of fish production (carp ponds, coldwater fish farms, geothermal water ponds) in order to be able intensive and large-scale cultivation of fish for commercial purposes. Upon completion of course, educated professionals capable of professional work and the application of technological advances in fishing production.		
Learning Outcomes: The knowledge gained with bachelor's degree gives academics professional competency and skills of application of the extended knowledge of successful organizing and managing fisheries production and environmental protection.		
Syllabus: *Theory* Condition fishery in the world and in the country. Prospects for the development of fisheries. Water as an ambient environment-the quality and quantity of water required for breeding fish. Water systems. Location and construction of carp ponds. Growing fish in carp carp ponds. The technology of growing fish. New technologies of growing fish using geothermal water. Growing fish in the salmon trout ponds. Growing aquatic organisms, crustaceans, mollusks, amphibians and aquatic plants. Fish farming in the thermal waters and the aquarium. Investment maintenance of the pond. Shifts in the cultivation of agricultural crops and fishing. Management of the ponds. *Practice* Technical preparation for the construction of the pond. Measurement of basic physical and chemical parameters of water. The measurement of the number and amount of basic living communities in the water. Determining the depreciation ponds. Reconstruction of the pond. The technological process of production of fish.		
Required Reading: 1.Ћирковић, М., Бранислава Јовановић, Малетин, С.: Рибарство. Пољопривредни факултет Нови сад, 2002. 2. Pillay, T.W.R.: Aquaculture – principles and practices. Fishing News Books, Bleckwell Science,Oxford, 1995. 3. Bogut, I., Horvath, L., Adamek, Z., Katavić, I.: Ribogojstvo. Poljoprivredni fakultet Osijek, Hrvatska, 2006. 4. Бојчић Ц. и сар. : Слатководно рибарство, Југославенска медицинска наклада, Загреб, 1980		
Weekly Contact Hours:	**Lectures: 45**	**Practical work: 30**
Teaching Methods: Lectures, discussions, group work, workshops, seminars, work on projects and terms of reference for the construction of		

ponds, work on farms during the growing season.			
Knowledge Assessment (maximum of 100 points):			
Pre-exam obligations	points	**Final exam**	points
Active class participation	5	written exam	20
Practical work	5	oral exam	40
Preliminary exam(s)	30	…….	
Seminar(s)	10		
The methods of knowledge assessment may differ; the table presents only some of the options: written exam, oral exam, project presentation, seminars, etc.			