

<b>Study Programme : BSc in Biology</b>			
Degree level: bachelor degree			
<b>Course Title:</b> Applied hydrobiology			
<b>Professor:</b> Dr Branko Miljanović			
<b>Elective Course</b>			
<b>Number of ECTS:</b> 5			
<b>Prerequisites:</b> -			
<b>Course Objective:</b> Obtaining the applicable knowledge regarding broad range of various activities related to aquatic ecosystems			
<b>Course Outcome:</b> Following the obtained theoretical and practical knowledge from passed exam in Applied hydrobiology, student is expected to : 1. Learn to appreciate the importance of applied practical hydrobiology, as well as its importance in biodiversity conservation and protection 2. Understand the structure and processes in aquatic ecosystems where certain manufacturing and other various activities 3. Organise and manage production processes or any other activities in water bodies 4. Take part in activities towards prevention and solving issues regarding aquatic ecosystems pollution			
<b>Course Content:</b> <i>Practical course</i> Physical and chemical parameters as water quality activities, Ciprinidae fish stocking, stream Salmonidae fish stocking, manufacturing process in fish cages, aquarium design and formation, technology of algal cultures, technology of crayfish and mussels cultures. Working visits to various types of fish ponds, visit to Kragujevac aquarium.			
<b>Reading List:</b> 1. Grginčević, M., Pujin, V. (1998): Hydrobiology – tutorial for students and postgraduates. Ekological party of Novi Sad city, Novi Sad.(In Serbian) 2. Ivanc, A. & Miljanović, B. (2003): Reservoirs, multidisciplinary approach to sustainable development. Faculty of Sciences, Novi Sad. (In Serbian) 3. Marković, Z., Mitrović-Tutundžić, V., (2003): Fish stocking. Zadužbina Andrejević, Belgrade. (In Serbian) 4. Šimić, S. & Ivanc. A. (1999): Environment protection and intensive fish aquaculture. University of Novi Sad, Faculty of Sciences, Ekological party of Novi Sad town, Novi Sad. (In Serbian)			
<b>Total hours:</b>			
Lectures:	Practicals: 4	Other:	Student research work:
<b>Methods of instruction:</b> Practicals are conducted in the lab or in the field			
<b>Assessment (maximum number of points 100)</b>			
<b>Requirements</b>	<b>points</b>	<b>Final exam</b>	<b>points</b>
Practicals	<b>30</b>	Practical examination	<b>30</b>
Continuous assessment	<b>10</b>	Oral examination	<b>20</b>
Essays	<b>10</b>		