

Abstract of the educational component

Name educational component	Management of the use of hydrobionts
Teacher	Petro Vered candidate of agricultural sciences, Associate Professor of the Department of Ecology and Biotechnology
The course and semester in which the study of the educational component is planned	2 year, 3 semester
Faculties whose students are offered to study the educational component	Faculty of Ecology, specialty 207 "Aquatic biological resources and aquaculture"
List of competencies and relevant learning outcomes provided by the educational component	<p>Competencies (GC - general, SC - special)</p> <p>GC 05.1. Efforts to preserve the natural environment through effective management of the use of hydrobionts.</p> <p>SC 03.1. To ensure the formation and effective use of the bioproductivity of various types of reservoirs and the productive properties of hydrobionts.</p> <p>SC 08. Ability to analyze the world market of aquaculture products, organize state support and international cooperation in the field of fish farming and fishing.</p> <p>Program Learning Outcomes (PLO)</p> <p>PLO 08.1. Assess and ensure production efficiency in the field of aquatic bioresources and aquaculture, taking into account legal and economic constraints.</p> <p>PLO 09.1. To estimate the number of aquatic biological resources, their biomass, and to forecast stocks and catch volumes of aquatic biological resources and aquaculture facilities.</p>
Description of the educational component	
Prerequisites necessary for studying the discipline	The educational discipline "Management of the use of hydrobionts" is based on the knowledge of such disciplines as "Introduction to the profession", "Law", "Fisheries", "Rational use of the water fund for fisheries" studied in previous courses.
The maximum number of students who can study at the same time	25 students
Subjects of classroom classes	Lecture topics: 1. Introduction to the discipline. Purpose, subject and objects of the course.

<p>Language of teaching</p>	<ol style="list-style-type: none"> 2. Fisheries of Ukraine. Its structure and management. 3. State administration in the field of environmental protection. 4. Fish stocks of Ukraine and regulation of fishing. 5. Legislative support for the development of water management in Ukraine. 6. Management, legal protection and use of aquatic biological resources. 7. Adaptation of Ukrainian legislation to EU law in the field of the use of hydrobionts. <p>Topics of practical classes</p> <ol style="list-style-type: none"> 1. Safety training. Academic integrity. 2. The procedure for setting limits and allocating quotas for catching hydrobionts. 3. The procedure for issuing and canceling permits for industrial and experimental fishing. 4. The procedure for keeping an industrial journal. 5. The procedure for prosecution for violations of the legislation on the use of hydrobionts. 6. Conducting standard and operational monitoring. <p>Ukrainian</p>
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