

## Summary of the elective course

<b>Name of the discipline</b>	<b>Aquatic bioresources and aquaculture strategies and programmes</b>
<b>Teacher</b>	<a href="#">Kunovskyi Yurii Volodymyrovych</a> Candidate of Agricultural Sciences, Associate Professor of the Department of Aquaculture and Applied Hydrobiology
<b>Course and semester in which the discipline is planned to be studied</b>	2 rd year, 3 semester
<b>Faculties, students of which are offered to study the discipline</b>	Faculty of Ecology
<b>List of competences and relevant learning outcomes provided by the discipline</b>	<p>The result of studying the discipline is the acquisition of the following knowledge and skills by students:</p> <p><b>Knowledge</b></p> <ul style="list-style-type: none"> <li>- the state of reserves of traditional and promising fishing facilities;</li> <li>- world trends in the production of fish production and aquaculture;</li> <li>- the general structure of world production of water bodies and its distribution between separate systematic groups of hydrobionts; -</li> <li>- possibility of self-replication of hydrobiocenoses;</li> <li>- methods for determining the productivity of hydrobionts, their total and industrial reserves;</li> <li>- methods for forecasting reserves of commercial hydrobionts.</li> <li>- the current state of commodity fish farming and the prospects for its development.</li> </ul> <p><b>Ability to</b></p> <ul style="list-style-type: none"> <li>- introduce the latest trends in the development of the fishing industry.</li> <li>- analyze the statistical data of catching industrial hydrobionts in order to predict their reserves;</li> <li>- using statistical data of catching hydrobionts of inland water bodies, analyze the dynamics of their catch and fishing trends;</li> <li>- determine the productivity of hydrobionts, their total and industrial stock.</li> </ul>
<b>Description of the discipline</b>	
<b>Prerequisites for studying the discipline</b>	There is no
<b>Maximum number of students who can study at the same time</b>	25 students
<b>Topics of classroom classes</b>	<p><b>Lecture topics</b></p> <p>Topic 1. Legislation in the field of aquaculture.</p> <p>Topic 2. Prospects for the development of a strategy for managing the economic activities of the fishing industry.</p> <p>Topic 3. World trends in the production of fish production and aquaculture.</p> <p>Topic 4. Pond and industrial aquaculture.</p> <p>Topic 5. Grazing and lake aquaculture.</p> <p>Topic 6. Mariculture.</p>

<p><b>Language of instruction</b></p>	<p>Topic 7. The current state of commercial fish farming and the prospects for its development.  Topic 8. Objects of commercial fish farming and aquaculture.  <b>Topics of practical classes</b>  Topic 1. Introduction. Safety. Academic integrity. Application of aquaculture об'єктів in the national economy.  Topic 2. Organizational and legal forms of the state of fish production.  Topic 3. Theoretical and methodological methods of formation of fish-productive subcomplex.  Topic 4. Forms of pond fish farming.  Topic 5. Reclamation.  Topic 6. Development of promising technologies in the reproduction and cultivation of fish in fish farms.  Topic 7. Analysis of the current state of fishing and extraction of aquatic biological resources..  Topic 8. Ways to introduce highly effective biotechnology and aquaculture.</p> <p>Ukrainian, English</p>
---------------------------------------	---