

## Annotation of the selective educational component

<b>Academic discipline</b>	<b>Hydrotheriology</b>
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<b>The course and semester, when the discipline is planning to study</b>	2 course, 4 semester
<b>Faculties whose students are invited to study discipline</b>	Faculty of Ecology
<b>List of competencies and learning-related outcomes that discipline provides</b>	<p>Integral Competence: - the ability to solve problems and practical problems in the field of aquatic biological resources and aquaculture for the reproduction of salmon species of fish.</p> <p>General competencies: - the ability to search, process, and analyze information from various sources; - the ability to identify, pose and solve problems.</p> <p>Special competencies: - the ability to analyze the conditions of the aquatic environment of natural origin, including anthropogenic impacts, in terms of fundamental principles and knowledge of aquatic biological resources and aquaculture.</p> <p>The result of training in the discipline is the acquisition by students of such knowledge and skills: - know and understand national and international standards governing the protection and conservation of endangered species of aquatic mammals; - know the species composition, origin, phylogeny, taxonomy, distribution, migration, behavior, and lifestyle of aquatic mammals; - to know and understand the features of the adaptation of aquatic mammals to existence in the aquatic environment; - be able to analyze the state of populations, and identify the causes of their development or oppression; - be able to use knowledge of the biology of aquatic mammals to develop and organize measures for their conservation and rational exploitation of industrial herds.</p>
<b>Description of the discipline</b>	
<b>Preconditions necessary for the study of the discipline</b>	A selective academic discipline is based on the knowledge of the discipline: "Zoology", "Hydroecology", and "Introduction to the profession".
<b>The maximum number of students who can study simultaneously</b>	25 students

<p><b>Lesson plans</b></p>	<p><b>Lectures</b></p> <ol style="list-style-type: none"> <li>1. General ideas about hydromamalia.</li> <li>2. General information about a number of cetaceans.</li> <li>3. Baleen whales in a row.</li> <li>4. A row of toothed whales.</li> <li>5. A number of pinnipeds.</li> <li>6. trait of seals.</li> <li>7. Series of Sirens.</li> <li>8. Marine predators.</li> <li>9. Freshwater predators.</li> </ol> <p><b>Practical classes</b></p> <ol style="list-style-type: none"> <li>1. Security technique. Academic virtue. A number of cetaceans (Cetacea). Baleen whales (Mysticeti) in a row. Family Right whales (Balaenidae).</li> <li>2. A number of cetaceans (Cetacea). Baleen whales (Mysticeti) in a row. Family Smugasti (Balaenopteridae).</li> <li>3. A number of cetaceans (Cetacea). Toothed whales in a row (Odontoceti). Desorili family (Ziphiidae).</li> <li>4. A number of cetaceans (Cetacea). Toothed whales in a row (Odontoceti). Family River or Freshwater dolphins (Platanistidae).</li> <li>5. A number of cetaceans (Cetacea). Toothed whales in a row (Odontoceti). Family of sperm whales (Physeteridae).</li> <li>6. A number of cetaceans (Cetacea). Toothed whales in a row (Odontoceti). Family Dolphins or Sea dolphins (Delphinidae).</li> <li>7. A number of cetaceans (Cetacea). Toothed whales in a row (Odontoceti). Family Porpoises or Focene (Phocoenidae).</li> <li>8. A number of cetaceans (Cetacea). Toothed whales in a row (Odontoceti). Family Narwhal or One-horned (Monodontidae).</li> <li>9. Row of the Siren (Sirenia). Family Manatees (Trichechidae). Family Dugongidae (Dugongidae).</li> <li>10. A number of pinnipeds (Pinnipedia). Family Eared seals (Otariidae).</li> <li>11. A number of Pinnipeds (Pinnipedia). Family True seals (Phocidae).</li> <li>12. A number of pinnipeds (Pinnipedia). Walrus family (Odobenidae).</li> <li>13. Row Predators (Carnivora). Biological features of marine predators.</li> <li>14. Row Predators (Carnivora). Biological features of freshwater predators, rodents, insectivores.</li> </ol>
<p><b>Teaching language</b></p>	<p>Ukrainian</p>