

Name of science	Wildlife protection
Subject/module code	BiotM306
<i>Semester(s) in which the subject is taught.</i>	<i>6 th semester</i>
<i>Responsible teacher</i>	<i>Kholmirezayeva Aziza Abdilbase daughter . Teacher</i>
<i>Language of instruction</i>	<i>Uzbek</i>
<i>Connect to the curriculum</i>	<i>Mandatory</i>
Study hours (including contact hours, independent study)	Total hours-180. Lecture hours-30 Practical hours-40 Laboratory hours-20 Independent study hours-90
ECTS	6
Prerequisites/Relationship to disciplines	Zoology, ecology
Objectives/learning outcomes of the subject	<p>The purpose of teaching the subject is to form a scientific worldview in students' minds about the animal world, its protection, causes of decline, conservation measures, its importance and practical significance for humans and nature, and to develop their love for nature and the animal world.</p> <p>The task of the subject is to develop effective ways for students to protect the animal world, acquire knowledge about endangered animals, preserve biodiversity, and form knowledge and skills to improve the breeding conditions of wild animals; to develop their skills in observing animals in nature, identifying the main rare species, and protecting species.</p>
Course content (topics)	<p>I. Main theoretical part (lectures).</p> <p>Topic 1. Ways to protect the fauna.</p> <p>Topic 2. The role of animals in the biosphere.</p> <p>Topic 3. Basic concepts of the fauna.</p> <p>Topic 4. The right and procedure for using the fauna.</p> <p>Topic 5. The Convention on Biological Diversity and its Conservation.</p> <p>Topic 6. Biodiversity of animals on Earth and their significance in nature.</p> <p>Topic 7. The role of animals in the biosphere, the impact of anthropogenic and natural factors on the fauna.</p> <p>Topic 8. The procedure for importing and exporting fauna objects and their parts to the Republic of Uzbekistan.</p> <p>Topic 9. Getting acquainted with rare and endangered species included in the "Red Book".</p> <p>Topic 10. Environmental pollution and its impact on the fauna.</p> <p>Topic 11. Use of fauna objects. Types and methods of use of fauna objects.</p> <p>Topic 12. Regulation of hunting and fishing.</p> <p>Topic 13. Introduction to some wild animal species common in Uzbekistan.</p> <p>Topic 14. Specially protected natural areas.</p> <p>Topic 15. Organization of zoological collections.</p> <p>III. Instructions and recommendations for practical exercises</p> <p>The following topics are recommended for practical exercises:</p> <p>Topic 1. Ways to protect the animal world.</p> <p>Topic 2. The role of animals in the biosphere.</p> <p>Topic 3. Basic concepts of the animal world.</p> <p>Topic 4. The right and procedure for using wildlife.</p> <p>Topic 5. The Convention on Biological Diversity and its Conservation.</p> <p>Topic 6. Biodiversity of animals on Earth and their significance in nature.</p>

	<p>Topic 7. The place of animals in the biosphere, the impact of anthropogenic and natural factors on the animal world.</p> <p>Topic 8. The procedure for importing and exporting fauna objects and their parts to the Republic of Uzbekistan.</p> <p>Topic 9. Getting acquainted with rare and endangered species included in the "Red Book".</p> <p>Topic 10. Environmental pollution and its impact on the animal world.</p> <p>Topic 11. Use of fauna objects. Types and methods of using fauna objects.</p> <p>Topic 12. Regulation of hunting and fishing.</p> <p>Topic 13. Getting acquainted with some wild animal species common in Uzbekistan.</p> <p>Topic 14. Specially protected natural areas.</p> <p>Topic 15. Organization of zoological collections.</p> <p>Topic 16. Birds, hunting for which is prohibited for sports purposes, are subject to special protection.</p> <p>Topic 17. Study of ecosystems of wild animals.</p> <p>Topic 18. Acquaintance with fish species included in the Red Book.</p> <p>Topic 19. Acquaintance with species of mammals that are subject to special protection.</p> <p>Topic 20. Identification of wild animals and poisonous animals included in the Red Book of the Republic of Uzbekistan.</p> <p>III. Instructions and recommendations for laboratory exercises</p> <p>The following topics are recommended for laboratory exercises:</p> <ol style="list-style-type: none"> 1. Identifying rare and endangered species included in the "Red Book". 2. Getting to know the species of invertebrates included in the "Red Book". 3. Getting to know the species of fish included in the "Red Book". 4. Getting to know the species of reptiles included in the "Red Book". 5. Getting to know the species of mammals included in the "Red Book". 6. Getting to know the species of animals distributed in specially protected natural areas. 7. Learning to organize zoological collections. 8. Studying the ecosystems of animals distributed in the wild. 9. Studying the role of animals in the biosphere, the impact of anthropogenic and natural factors on the animal world. 10. Getting to know some species of wild animals distributed in Uzbekistan. <p>IV. Independent learning and independent work.</p> <p>The competence of independent learning serves students' independent self-development, increasing the effectiveness of professional activities. Students perform independent work on their own, through a mobile device, in the traditional form under the guidance of a teacher, and in the electronic form under the guidance of a teacher.</p> <p>Recommended topics for independent learning:</p> <ol style="list-style-type: none"> 1. Animal world of Uzbekistan. 2. Measures to protect the animal world. 3. Fishing, its economic significance. 4. Life and economic significance of acclimatized fish in the water bodies of Uzbekistan. 5. Hunting procedures in the water bodies of Uzbekistan. 7. Black list of the Red Book. 8. Rare and endangered species of water bodies of Uzbekistan. 9. The importance of animals for humans and nature. 10. The life and importance of aquatic and terrestrial animals found in the fauna of Uzbekistan.
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	<p>11. Developing effective ways to protect the fauna.</p> <p>12. Poisonous snakes of Uzbekistan, their distribution and importance.</p> <p>13. Ways to protect the fauna.</p> <p>14. Preservation of biodiversity, improvement of breeding conditions for wild animals</p> <p>15. Use of fauna objects for cultural, educational, educational and aesthetic purposes</p> <p>16. Control over the protection and use of fauna</p> <p>17. Convention on Biological Diversity and its Conservation.</p> <p>18. Keeping wild animals in semi-free conditions, in artificially created habitats or in captivity</p> <p>19. Zoological collections</p> <p>20. Getting acquainted with rare and endangered species included in the "Red Book".</p>
Exam form	<p>It is important to assess the theoretical and practical knowledge of students during current, intermediate and final control in the subject.</p> <p>1. Current control is aimed at assessing the activity shown by students during the lesson, their practical skills and ability to use software. The student's mastery of the course topics, as well as constructive interpretation and analysis of the educational material, development of module-specific skills, acquisition of practical skills (in terms of quality and the specified number) and competencies, solving problem situations aimed at applying professional practical skills, teamwork, preparation of presentations, etc. The student's activity in daily lessons is assessed through the preparation of. Forms of current control:</p> <p>activity in lessons, preparation of educational materials, work with sources within the subject, use of educational technologies, teamwork, preparation of presentations, test.</p> <p>2. Intermediate control. Lectures are held 2 times during the semester, based on the number of hours of study. Intermediate control is evaluated with 20 points on a 100-point system. Students who score 60% of the points allocated for intermediate and current control are allowed to take the final control.</p> <p>3. Final control. Final control is carried out at the end of the course and is aimed at assessing the general knowledge and skills of students.</p> <p>The final type of control is carried out at the end of the semester to determine the level of mastering the student's theoretical knowledge and practical skills in the relevant subject. The final control ticket contains 5 questions, and the answers to each question are evaluated with a maximum of 10 points.</p>
Educational outcomes and exam requirements	<p>Complete mastery of theoretical and methodological concepts on the subject, correct reflection of the results of the analysis, independent thinking about the processes being studied, and completion of assignments in current and intermediate forms of assessment, as well as assignments for final assessment.</p> <p>The student must have passed the current control, intermediate control and independent learning assignments in the relevant subject within the established period.</p> <p>A student who has not passed the current control, intermediate control and independent learning assignments, as well as who has scored points in the range of "0-29.9" for these assignments and types of control, will not be included in the final type of control.</p> <p>Also, a student who has missed 25 or more percent of the classroom hours allocated to the subject without an excuse will be expelled from this subject, will not be admitted to the final exam and will be considered not to have mastered the relevant credits in this subject.</p> <p>A student who has not passed the final exam or who has not passed the final exam and has scored between "0-29.9" for this type of exam is considered to be in academic debt.</p>

Recommended readings	<p>1. Main literature</p> <ol style="list-style-type: none"> 1. Law of the Republic of Uzbekistan “On the Protection and Use of Wildlife”. 2016. 2.Z. I. Sodiqov, S. T. Nazarov. (2010). Wildlife of Uzbekistan. Tashkent: Science. 3.A. Sh. Turaqulov. (2015). Nature Protection and Ecology. Tashkent: National University of Uzbekistan. 4.M. Sayidov. (2012). Animals and Ecology: On the Example of Uzbekistan. Tashkent: State Geographical Institute of Uzbekistan. 5. Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan. (2018). Curriculum on Nature Protection and Ecology. Tashkent: Ministry of Higher and Secondary Specialized Education of the Republic of Uzbekistan. <p>Additional literature</p> <ol style="list-style-type: none"> 1.Dadaev S., Saparov BIRDS “Animals of Uzbekistan”. T.:“Cholpon Publishing House”. 2011. 2.Dadaev S., Mavlonov O. “Animals of Uzbekistan”. T.:“ECONOMICS-FINERY”2008. 3.Lakhanov J.L. “Vertebrates are animals of Uzbekistan”. T.: “Uzbekistan State University of Biological Sciences” Center 2005. <p>Electronic educational resources</p> <ol style="list-style-type: none"> 1.www.tdpu.uz 2.www.pedagog.uz 3.www.physiology.ru/handbooks.html 4.www.curator.ru/e-books/b22.html
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