

SYLLABUS

1. Course title:

SPECIAL ANIMAL HUSBANDRY

2. Code:**3. Cycle of study:****4. ECTS credits:****5. Type of course:** Mandatory Elective**6. Prerequisites:**

No prerequisites

7. Class restrictions:

No class restrictions

8. Duration / semester:**9. Weekly contact hours:**

9.1. Lectures:

3

9.2. Seminars:

0

9.3. Laboratory/Practice classes:

2

10. Faculty:

Faculty of Technology

11. Department/study program:

Agronomy

12. Lecturer:**13. Lecturer's e-mail:**

14. Web site:

www.tf.untz.ba

15. Course aims:

Obtaining more detailed knowledge of the biological and economic conditions in sheep breeding, goat breeding, horse breeding and pig breeding.

16. Learning outcomes:

After attending and passing the course, students will be able to apply the acquired knowledge in the practical implementation of special livestock breeding.

17. Course content:

Importance of sheep and goat breeding. Zoological characteristics of sheep. Relatives and founders of sheep. Anatomical characteristics, biological characteristics, constitution and exterior of sheep and determination of age. Types of sheep, systematics of sheep breeds. Sheep breeding methods. Nutrition and sheep reproduction. Facilities for keeping sheep. The importance of horse breeding. Origin of the horse. Breeds of horses. Production. Programs and methods of breeding. Exterior estimation. Processes and holding techniques. Significance of pig breeding. Biological and economic characteristics of pigs. Breeds of pigs. Reproduction. Programs and methods of breeding. Estimation of production characteristics. Processes and holding techniques.

18. Learning methods:

The methods of learning in the subject are:

- Lectures using multimedia resources, active learning techniques and with active participation and discussion of students;
- Field classes

19. Assessment methods:

After half of the semester, students take the writing test, which includes previously treated topics with lectures and exercises. The test consists of multiple choice tasks, simple retrieval tasks, or essay tasks. Each correct answer is scored with 1 or 2 points depending on whether the task is a choice or an essay, ie, the student can achieve a maximum of 15 points on the first test. At the end of the semester, students take the second writing test that covers the topics covered by the lectures and exercises from the second part of the semester. The test consists of multiple choice tasks, simple retrieval tasks, or essay tasks. Each correct answer is scored with 1 or 2 points depending on whether the task is a choice or an essay, ie, the student can achieve a maximum of 15 points on the second test.

All students take both tests on the subject at the same time, thereby achieving uniformity of the level of knowledge that is being tested, as well as the conditions under which the student takes the exam. As part of the pre-requisites, students are required to prepare individual or group seminar work that will cover a specific topic from the content of the course. The seminar paper is submitted to the subject teacher in writing, for examination and evaluation and then is presented orally. All group students participate in the creation and presentation of group seminar work, and their participation is valued individually. For completed and presented seminar work, the student can achieve 0 to 10 points.

Also, for continuous activity and presence in lectures and exercises throughout the semester, student can achieve 0 to 5 points. The final exam is oral. The right to attend the final exam is given to students who have successfully completed the seminar work and attended lectures and exercises (the maximum number of lecture absences is 5 times, and the exercise is 3 times). At the oral exam students answer three questions drawn from the program of the subject treated in lectures and exercises.

An oral exam can be passed if the student answers all three questions. The maximum number of points a student can achieve on an oral exam is 49.

Checks of all forms of knowledge are recognized as a cumulative test if the result is positive after each individual check and is at least 50% of the total of the predicted and / or required knowledge and skills.

In order to pass a course, the student must have a minimum of 54 cumulative points of which a minimum of 25 points on the final exam.

20. Assessment components:

| Student obligations | Points |
|-------------------------|--------|
| Attendance at lectures | 3 |
| Attendance at Exercises | 3 |
| Student activity | 4 |
| Seminar work | 10 |
| Test I and II | 30 |
| Final Exam | 50 |
| Total | 100 |

21. Required reading list:

- 1.Krajinović, M.(2001) Ovčarstvo, Novi Sad
- 2.Mioč, B.,Pavić V.(2002) Kozarstvo, HMU, Zagreb
- 3.Mina C.G. Morel, D.(2005) Breeding Horses, Blackwell Publishing Ltd.
- 4.Stanković, M. Anastasijević, V., Nikolić P.(1989) Savremeno gajenje svinja,Beograd

22. Web sources:**23. Applicable starting from the academic year:**

2016/2017

24. Adopted in the Faculty/Academy session: