SYLLABUS

1. Course title:

POULTRY FARMING

2. Code:

3. Cycle of study:

1

4. ECTS credits:

6

5. Type of course:

(•) Mandatory ( ) Elective

6. Prerequisites:

No prerequisites

7. Class restrictions:

No class restrictions

8. Duration / semester:

1 7

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:

Introduce students with the importance of poultry as well as the basics of egg and meat production.

16. Learning outcomes:

1. Compare the production and consumption of poultry products in the world and BiH
2. Estimate the quality of meat and eggs
3. Identify the characteristics and role of poultry breeding
4. Specify characteristics related to morphology, physiology and metabolism in poultry
5. Describe the breeding methods used in poultry production
6. Differentiate similarities and differences in production, growth and reproduction among different kinds of poultry
7. Choose equipment for facilities for breeding different kind of poultry

17. Course content:

Significance and status of the production of poultry in BiH; Origin and original forms of poultry; Poultry products (meat and eggs); Biological basics of poultry (breeds of chickens, breeds of turkeys, breeds of geese and breeds of ducks); Metabolism of poultry-characteristics of metabolism; Breeding methods; Feeding of poultry (poultry needs in energy and nutrients, poultry need for water, feed, feed mixtures, feeding chickens, turkey, ducks and geese); Growth and reproduction of poultry (poultry growth characteristics, the basics of reproduction and natural and artificial reproduction, development of embryos, determination of chicken sex); Production of chickens (breeding of light or heavy hybrids, production of consumable or breeding eggs, fattening of chickens). Production of turkeys (breeding of offspring, production of hatching eggs, fattening young turkeys). Production of geese (breeding of offspring, production of hatching eggs, fattening young geese). Production of ducks (breeding of offspring, production of hatching eggs, fattening duck broilers)

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 exercises

19. Assessment methods:

After half of the semester (in the 8th week), students take the writing test, which includes previously treated topics from lectures. The student can achieve a maximum of 20 points on the first test. In the 13th week of the semester, students take the writing test (second test), which includes previously treated topics from lectures from the second semester. The student can achieve a maximum of 20 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. For a continuous activity in lectures throughout the semester, the student can achieve 0 to 10 points. The final exam is written or oral. All students have the right to go to the final exam. The maximum number of points a student can achieve on the final exam is 50. The minimum number of points on the final exam is 25.
Checks on 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 the course, a student must have at least 54 cumulative points of which at least 25 points on the final exam.

20. Assessment components:

The assessment of the exam is based on the total number of points the student has obtained by fulfilling the pre-requisites and passing the exam and is determined according to the following scale:

Student Obligations	Points
Presence and activity in class	10
Test I	20
Test II	20
Final Exam	50
Total	100

21. Required reading list:

1. Kralik G., Has-Schon E., Kralik D., Šperanda M. (2008): Peradarstvo- biološki i zootehnički principi. Sveučilišni udžbenik, Poljoprivredni fakultet Sveučilišta J.J. Strossmayera u Osijeku.

22. Web sources:

23. Applicable starting from the academic year:

2016/2017

24. Adopted in the Faculty/Academy session: