GENERAL ANIMAL HUSBANDRY (IIIrd Year of study, Vth Semester)

Credit value (ECTS) 4

Course category
Specialized (Imposed)

Course holder:
PhD, Prof. Ioan GÎLCĂ

Discipline objectives (course and practical works)
The course and practical work will follow the general objective:

- Knowledge of modern technologies for the exploitation of the main species of interest to obtain livestock products in terms of quality and economy

Specific objectives, the course and practical work will be pursued:

- Familiarize students with the technologies of animal breeding
- Deepening breeding technologies and animal exploitation in order to achieve growth in terms of economy and quality of key livestock production
- Acquiring concepts relating to genetic improvement, biotechnology breeding and nutrition so that future professionals to become involved in obtaining quality animal products

Contents (syllabus)

Course (chapters/subchapters)
Systematic zoo. (The notion of species; notion of race and the formation of races).
Morphological and productive qualities of animals. Physiology of animal production.
Reproduction and genetic improvement of animals. Animal hygiene.
Technology of cattle breednig and cattle exploitation.
Technology of sheep and goats breeding and exploitation.
Technology of swine breeding and exploitation.
Technology of poultry breeding and exploitation.
Technology of horses breeding and exploitation.

Practical works
Rules of labor protection and security and firefighting. Technical of animal approach and animal contention.
Individualization animals. The colors in animals. Presentation breed standard. Recognition races.
Analytical and synthetic examination of the exterior of animals. The calculation of body indices.
Technological flow analysis in cattle farms.
Technological flow analysis in sheep and goats farms.
Technological flow analysis in swine farms.
Technological flow analysis in poultry farms.
Technological flow analysis in the stud horses and deposits of stallions.

Bibliography

- Gîlcă I. - Zootehnie specială. Edit. Vasiliana '98. Iaşi, 2001

- Gilca I, Dolis M. – Tehnologii de crestere a animalelor. Edit. ALFA, Iasi, 2006
- Gîlcă I., Dragotoiu D. - Tehnologii de creştere şi exploatare a animalelor. Edit. ECA Bucureşti, 2013
- Stan Tr. - Tehnologia creşterii suinelor. Curs Lito. U.A.M.V. Iaşi, 1992
- Taftă V. - Creşterea şi exploatarea intensivă a ovinelor. Ed. Ceres, Bucureşti, 1983.
- Tărăboanţă Gh. şi colab. - Zootehnie. Ed. Did. şi Pedag., Bucureşti, 1981
- Ujică V., Gilcă I. – Tehnologia creşterii animalelor. Caiet de lucrări practice. USAMV Iasi, 1994
- Vacaru-Opriş I. - Avicultura. Curs lito, vol.I şi II, U.A.M.V. Iaşi, 1992

Evaluation

Evaluation form	Evaluation Methods	Percentage of the final grade
Colloquy	Oral examination	60%
Appreciation of the activity during the semester	Oral assessment during the semester, verification tests .	40%

Contact

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