

ANIMAL NUTRITION AND AGRONOMY 2

STRUCTURE

Study program	English programme
Year of study	2
Semester	1
Type of discipline	DOP
Total number of hours / week	Course – 2 hours; PW – 2 hours
Total number of hours according to curriculum	Course – 28 hours; PW – 28 hours
ECTS	4

DISCIPLINE OBJECTIVES

The discipline propose to transfer to the students information about animal requirement, feed's sources, the best combination between feedstuffs which permit a good production, in efficiency condition, a least pollution and to allow animal' welfare.

DISCIPLINE CONTENT*

COURSE	Nr. Ore
Chapter I - Animal feed sources	14
Chaper II - Feeding of main animal species and categories	14

PRACTICAL WORK PW/S/P	Nr. ore
Chapter I - Techniques of ration's formulation on goats and horses	6
Chapter II - Techniques of mixed concentrate formulation for ruminant and monogastric animals	4
Chapter III - Techniques of compound feed formulation	18

BIBLIOGRAPHY

1. Şonea C (2025) - *Lecture Notes and Practical Works 2025–2026*.
2. Nicolae M., Şonea C (2023) - *Animal Nutrition And Diets Formulating*, Ed .Invel, Bucureşti.
3. Nicolae M., Şonea C (2023) - *Animal Nutrition And Feeding*. Ed. Invel, Bucureşti.

EVALUATION

Type of activity	Evaluation criteria	Method of evaluation	Percentage of final grade %
Course	Interest and interactivity	Written exam	100 %
PW	Reproduction of previously accumulated knowledge	Verification tests	0 %
Other activities			

Course teaching staff: Associate Professor Şonea Cosmin

Practical work teaching staff PW: Associate Professor Şonea Cosmin