

General Information	
Academic subject	Food Resources agroforestry for animal husbandry
Degree course	Sustainable management of the Mediterranean countryside
Curriculum	
ECTS credits	3 ECTS
Compulsory attendance	No
Language	Italiano

Subject teacher	Name Surname	Mail address	SSD
	Giuseppe Marsico	giuseppe.marsico@uniba.it	AGR/18

ECTS credits details			
Basic teaching activities	2 ECTS frontal lesson	1 ECTS exercises	

Class schedule	
Period	second semester
Year	2017/2018
Type of class	Lecture- workshops

Time management	
Hours	75
In-class study hours	30
Out-of-class study hours	45

Academic calendar	
Class begins	5th March, 2018
Class ends	22nd June, 2018

Syllabus	
Prerequisites/requirements	
Expected learning outcomes (according to Dublin Descriptors) (it is recommended that they are congruent with the learning outcomes contained in A4a, A4b, A4c tables of the SUA-CdS)	<p><i>Knowledge and understanding</i></p> <ul style="list-style-type: none"> - Knowledge of: - nutritional value of agro-forestry food; - rational exploitation of pastures; - rationing of animals in relation to production, animal welfare and environmental impacts <p><i>Applying knowledge and understanding</i></p> <ul style="list-style-type: none"> - Ability to calculate the rationing of the income animals; - design a rational use of pastures. <p><i>Making informed judgements and choices</i></p> <ul style="list-style-type: none"> - Ability to correctly orientate the search of pastures depending on the vegetative state of the pastures. <p><i>Communicating knowledge and understanding</i></p> <ul style="list-style-type: none"> - Ability to report correctly the procedures and techniques underlying the calculation of food rations. <p><i>Capacities to continue learning</i></p> <ul style="list-style-type: none"> - Ability to deepen and update their knowledge concerning the nutritional values of agro-forest resources.
Contents	- nutritional principles;

	<ul style="list-style-type: none"> - agro-forestry food (fodder, concentrate, by-product) - nutritional evaluation of foods - agro-forest pastures and their rational exploitation; - rationing of livestock in relation to production, animal welfare and environmental impact.
Course program	
Bibliography	<ul style="list-style-type: none"> • Antongiovanni M., Gualtieri M. – Nutrizione e alimentazione animale. Edagricole Bologna. 1998. • Mc Donald P., Edwards R.A., Greenhalgh J.F.D. - Nutrizione Animale. IV edizione Tecniche Nuove, Milano. • I.N.R.A. – Tables de l'alimentation des bovins, ovins & caprins. 1988 Paris (France). • NRC – United States-Canadian tables of feed composition. National Academy of Science, Washington DC (USA), 1982 • Martillotti F., Bartocci S., Verna M., Malossini F. – Composizione chimica e valore nutritivo di mangimi semplici. M.A.F. e I.S.Z. 1989 • Piccioni M. – Dizionario degli alimenti per il bestiame. Edagricole Bologna. 1990
Notes	
Teaching methods	The course topics will be handled with PowerPoint presentations, video clips, classroom exercises or labs and practical lessons.
Assessment methods (indicate at least the type written, oral, other)	<p>For students enrolled in the course year in which the lesson is held, an oral examinations test is provided. The outcome of this test is the evaluation of the profit test and is valid for one academic year. The exam consists of an oral test on the topics developed during the theoretical and theoretical lessons in the classroom and the laboratory / manufacturing companies.</p> <p>The assessment of the student's preparation takes place on the basis of established criteria, as detailed in the appendix to the Teaching Regulations of the Degree Course.</p> <p>For students who have supported the exemption test, the assessment of the profit test is expressed as the average of the exemption vote and the final exam.</p> <p>The foreign student's profit test can be done in English in the manner described above.</p>
Evaluation criteria	<ul style="list-style-type: none"> • Knowledge and understanding skills <p>o Descriptive capacity of the main nutritional values of agro-forest pastures and the relation between animal nutrition and the quality of the productions</p> <ul style="list-style-type: none"> • Knowledge and understanding skills applied <p>adequate understanding and understanding of pasture composition and rational management</p> <ul style="list-style-type: none"> • Autonomy of judgment <p>Variation of food compositions according to particular needs</p> <ul style="list-style-type: none"> • Communicative Skills

	ability and ability to describe the procedures and techniques underlying the calculation of food rations • Ability to learn adequate ability to hypothesize pasture transformation
Further information	

Visiting hours

Every day from Monday to Friday from 9.00 am to 12.00 pm.