

General Information	
Academic subject	Basic knowledge of Anatomy Physiology and Morphology of Livestock
Degree course	Scienze e Tecnologie Agrarie(L-25)
Curriculum	
ECTS credits	3 ECTS (2 ECTS Lessons + 1 ECTS Exercises)
Compulsory attendance	No
Language	Italian

Subject teacher	Name Surname	Mail address	SSD
	Anna Caputi Jambrenghi	anna.caputijambrenghi@uniba.it	AGR/17

ECTS credits details			ETCs
Basic teaching activities			3

Class schedule	
Period	First semester
Year	Second year
Type of class	Frontal lessons Classroom and laboratory exercises

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

Academic calendar	
Class begins	
Class ends	

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"> ○ Comparative knowledge of the main species of zootechnical interest from an anatomical, physiological, morphological and functional point of view, for the aspects that take on particular relevance in animal production <p><i>Applying knowledge and understanding</i></p> <ul style="list-style-type: none"> ○ Ability to apply in an integrated way the knowledge relating to the anatomical, physiological and morpho-functional aspects of the main species of zootechnical interest, for production and animal welfare purposes <p><i>Making informed judgements and choices</i></p> <ul style="list-style-type: none"> ○ Ability to analyze and link knowledge relating to the various species of zootechnical interest <p><i>Communicating knowledge and understanding</i></p> <ul style="list-style-type: none"> ○ Ability to communicate the knowledge acquired by logically connecting the different topics and with appropriate terminology <p><i>Capacities to continue learning</i></p> <ul style="list-style-type: none"> ○ Ability to acquire the methodology to deepen and update the knowledge, according to a multidisciplinary approach <p>The results of the expected learning, in term of knowledge and ability, are listed in the Annex A of the Didactic Regulation of the Bachelor Course (expressed by the European descriptors of the study title).</p>
Contents	Notes on animal tissues (types and functions of epithelial, connective, muscular and nervous tissues) Elements of comparative anatomy and physiology of the systems, with

	<p>particular reference to the digestive, reproductive system, mammary gland and endocrine system</p> <p>Morphology of zoognostic regions</p> <p>Morphological evaluation</p> <p>Functional assessments of production skills: milk and meat</p> <p>Zoometry: instruments, points and detection measures</p>
Course program	
Bibliography	<ul style="list-style-type: none"> • Notes from the lessons and didactic material distributed during the course • R. Bortolami, E. Callegari, V. Beghelli, Anatomia e Fisiologia degli Animali Domestici, Calderini Editore • D. Balasini, Zoognostica, Per la conoscenza, la valutazione e la scelta degli animali, Edagricole <p>For further information:</p> <ul style="list-style-type: none"> • G. Aguggini, V. Beghelli, L.F. Giulio, Fisiologia degli Animali Domestici con Elementi di Etologia, UTET
Notes	
Teaching methods	The course topics will be treated with the help of Power Point presentations, projection of in-depth videos and technical visits to zootechnical companies.
Assessment methods (indicate at least the type written, oral, other)	<p>For students enrolled in the year of the course in which the course is held, there is a test on the first part of the course, which consists of an oral test. The result of this test, expressed in thirtieths, is valid for one academic year.</p> <p>The exam consists of an oral test on the topics developed during the hours of theoretical and theoretical-practical lessons in the classroom, in the laboratory and/or at production companies, as reported in the Didactic Regulations of the Degree Course in Agricultural Sciences and Technologies (art. 9) and in the related study plan (Annex A).</p> <p>The student's preparation is assessed on the basis of pre-established criteria, as detailed in Annex A of the Didactic Regulations of the Degree Course. Students who do not pass the test on the first part of the course must take the general exam on all the topics developed during the course.</p> <p>For students who have taken the test on the first part of the course with sufficient marks, the assessment is expressed by the arithmetic average of the two tests to complete the exam.</p>
Evaluation criteria (Explain for each expected learning outcome what a student has to know, or is able to do, and how many levels of achievement there are.	<ul style="list-style-type: none"> • <i>Knowledge and comprehension ability</i> <ul style="list-style-type: none"> ○ Level of deepening in the description of the anatomical, physiological and morphological aspects for the main species of zootechnical interest • <i>Knowledge and applied comprehension ability</i> <ul style="list-style-type: none"> ○ Level of knowledge and ability to apply in an integrated way the knowledge relating to the anatomical, physiological and morpho-functional aspects of the main species of zootechnical interest, for production and animal welfare purposes • <i>Autonomy of judgement</i> <ul style="list-style-type: none"> ○ Ability to analyze and link knowledge relating to the various species of zootechnical interest • <i>Communication skills</i> <ul style="list-style-type: none"> ○ Effectiveness and clarity in the presentation of the topics, logical connection and adequate terminology • <i>Learning ability</i> <ul style="list-style-type: none"> ○ Methodological approach and logical connection of the topics covered
Further information	<p>Visiting hours</p> <p>Every morning (by appointment)</p>