

<b>Academic subject:</b> Rabbit and Poultry Science and Aquaculture			
<b>Degree Class:</b> L-38		<b>Degree Course:</b> Animal Science	
		<b>Academic Year:</b> 2020/2021	
		<b>Kind of class:</b> Mandatory	
		<b>Year:</b> II	<b>Period:</b> II semester
		<b>ECTS:</b> 5 divided into <b>ECTS lessons:</b> 4 <b>ECTS</b> <b>exe/lab/tutor:</b> 1	
<b>Time management, hours, in-class study hours, out-of-class study hours</b> lesson: 40    exe/lab/tutor: 25    in-class study: 0    out-of-class study: 60			
<b>Language:</b> Italian		<b>Compulsory Attendance:</b> yes	
<b>Subject Teacher:</b> Gerardo Centoducati		<b>Tel:</b> +39080 544 3983 <b>e-mail:</b> gerardo.centoducati@uniba.it	
		<b>Office:</b> Department of Veterinary Medicine  Room 30 Floor 1st	
		<b>Office days and hours:</b> Monday 10:00 – 12:00 a.m. and Thursday 03:00 – 05:00 p.m.	
<b>Prerequisites:</b> Principles of animal physiology and endocrinology			
<b>Educational objectives:</b> The training objectives provide for the learning of important concepts relating to poultry and rabbit species, characterized by the shortness of the life cycle and industrialization of the production, transformation and marketing processes of products as well as the basics of aquaculture. The evaluation acquired in this course, together with that of “Animal Nutrition”, will contribute to the determination of the final evaluation of integrated course of Animal Production II.			
<b>Expected learning outcomes (according to Dublin Descriptors)</b>		<p><b>Knowledge and understanding:</b> The student must acquire the basic principles inherent in the systems and techniques of breeding small animals and the relationships between production techniques and qualitative-quantitative characteristics.</p> <p><b>Applying knowledge and understanding:</b> The training skills acquired by the students concern Animal physio-climatology, poultry farming, rabbit farming, Aquaculture and Animal farming</p> <p><b>Making judgements:</b> students will acquire professional skills in the animal production sector</p> <p><b>Communication:</b> students acquire the technical language that will allow them in the future to meet farmers with professionalism.</p> <p><b>Lifelong learning skills:</b> teaching gives the future graduate the ability to independently deepen and specialize their skills in the specific cultural area of animal production</p>	
<b>Course program:</b> Introduction. Livestock farming in Italy and Puglia. The breeding of rabbits, principles and techniques. The importance of aviculture. Background. Situation of poultry in the world, in Europe and in Italy. Origin and races. Types of farming. The shelters and equipment. Egg production. Egg incubation. The moult. Meat production. Breeding techniques. Economics and management of production plants. Organic poultry production. Introduction to aquaculture. Background. Aims of aquaculture. Situation of aquaculture in the world, in Europe and in Italy. Description and physico-chemical characteristics of natural aquatic environments. Description and physico-chemical characteristics of artificial aquatic environments suitable for fish production. The breeding of sea bass and sea bream. Production cycle - Egg production - Fry production - Brooding and weaning - Plankton cultivation - Pre-fattening - Production of consumer sizes - Feed rationing - Conversion efficiency - Methods for biomass assessment. Economics and management of production plants. Practical tests at the experimental teaching facility located in the veterinary hospital. Guided visits to aquaculture facilities and scientific research laboratories in the sector.			

**Teaching methods:** The theoretical part of the course takes place in classrooms equipped with multimedia tools such as PC, projector, internet connection, using power point slides. During the course, extra-hour self-assessment questionnaires are provided to verify the learning status.

**Auxiliary teaching:** none

**Assessment methods:** Students who enroll in the Animal Production II exam must demonstrate knowledge of the concepts taught during the teaching of Animal Farm Technology and Hygiene and Animal Production. The method of conducting the exam is an oral test to which self-assessment tests can be added, if deemed necessary, during the course.

**Bibliography:** S.Cerolini, M.Marzoni Fecia di Cossato, I.Romboli, "Avicoltura e Coniglicoltura" Ed. Le Point Vétérinaire Italie – 2015 (II edizione). Cataudella S., Bronzi P. "Acquacoltura Responsabile". 2001 Edizioni Uniprom. Lecture notes