



UNIVERSITÀ DEGLI STUDI DI PALERMO

DEPARTMENT	
ACADEMIC YEAR	
ANNO ACCADEMICO EROGAZIONE	
SUBJECT	
CODE	
SCIENTIFIC SECTOR(S)	
HEAD PROFESSOR(S)	BONANNO ADRIANA Professore Ordinario Univ. di PALERMO
OTHER PROFESSOR(S)	MESSINA CONCETTA Professore Ordinario Univ. di PALERMO
	BONANNO ADRIANA Professore Ordinario Univ. di PALERMO
CREDITS	
PROPAEDEUTICAL SUBJECTS	
MUTUALIZATION	
YEAR	
TERM (SEMESTER)	
ATTENDANCE	
EVALUATION	
TEACHER OFFICE HOURS	<p>BONANNO ADRIANA</p> <p>Tuesday 09:00 13:00 Dipartimento Scienze Agrarie, Alimentari e Forestali, edificio 4 ingresso G stanza 70</p> <p>Wednesday 09:00 13:00 Dipartimento Scienze Agrarie, Alimentari e Forestali, edificio 4 ingresso G stanza 70</p> <p>Thursday 09:00 13:00 Dipartimento Scienze Agrarie, Alimentari e Forestali, edificio 4 ingresso G stanza 70</p> <p>MESSINA CONCETTA MARIA</p> <p>Monday 13:00 14:00 diSTeM: Via archirafi o Vie delle Scienze Ed 16, da concordare via email col docente</p>

DOCENTE: Prof.ssa ADRIANA BONANNO

PREREQUISITES	Knowledge of chemistry and biology are required.
LEARNING OUTCOMES	<p>LEARNING OUTCOMES</p> <p>1. Knowledge and understanding To have knowledge for understanding the physiological processes on the basis of animal productions, and evaluating the products of animal origin through the examination of the main characteristics that contribute to define their quality.</p> <p>2. Applying knowledge and understanding To have the ability to identify and modulate, in livestock and fish farms, the technical and managerial elements that, while respecting animal welfare and environmental sustainability, could contribute to develop efficient production processes and obtain products of high quality standards by which to meet the needs of final consumers and the processing industry.</p> <p>3. Making judgements To have the ability to assess the implications and the production results connected to technical and managerial interventions implemented in livestock and fish farms.</p> <p>4. Communication To have the ability to expose, either orally or through the writing of a paper, arguments focusing on techniques and management applicable in livestock and fish production systems, and to discuss, also with a non-expert audience, about the importance of the introduction of solutions and innovations with positive reflections on animal welfare, products quality and environment.</p> <p>5. Lifelong learning skills To have with some autonomy the ability to use the specific language of these topics, update the knowledge by examining the technical and scientific publications related to the livestock and fisheries sector, and to be able to undertake further advanced studies.</p>
ASSESSMENT METHODS	<p>The learning evaluation is based on a single oral exam conducted in the same exam session for the two modules. The exam consists of a colloquy in which the student have to answer to a minimum of six questions designed to ascertain the acquired skills, in accordance with the expected learning outcomes, namely the knowledge and understanding of the topics, the ability to apply the knowledge and interpret the related results, in addition to language ownership and adequacy in the oral exposition.</p> <p>The exam is evaluated with a final mark expressed on a 18-30-point scale, and determined by the weighted average of the marks attributed to the single modules for which, in turn, the student's participation in the lessons is considered positively.</p> <p>To overcome the exam, and then achieve a mark higher than 18/30, the student has to show the possession of a minimum level of skills and a sufficient ability in oral exposition. The lack of an acceptable knowledge of the topics lead to an insufficient evaluation. The maximum score (30/30 with distinction) is reached by the student who participated in the lessons, and shows to have achieved excellent knowledge and abilities.</p>
TEACHING METHODS	Frontal lessons (70% of time), laboratory activities and technical visits to livestock and fish farms.