**ACADEMIC YEAR 2023/2024**

| **General information** | |
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| Academic subject | **RABBIT, POULTRY SCIENCE AND AQUACULTURE**<br>integrated exam of ANIMAL PRODUCTION II |
| Degree course | Animal Science L38 |
| Academic Year | II year |
| European Credit Transfer and Accumulation System (ECTS) | 5 |
| Language | Italian |
| Academic calendar (starting and ending date) | II Semester: 26/02/2024 – 14/06/2024 |
| Attendance | Mandatory |

| **Professor/ Lecturer** | |
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| Name and Surname | Gerardo Centoducati |
| E-mail | gerardo.centoducati@uniba.it |
| Telephone | +39 080/5443983 |
| Department and address | Campus of Veterinary Medicine,<br>S.P. 62 to Casamassima km 3, 70010 Valenzano (BA) |
| Virtual headquarters | Microsoft Teams platform if necessary |
| Tutoring (time and day) | Monday 10:00 – 12:00; Thursday 15:00 – 17:00 |

| **Syllabus** | |
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| **Learning Objectives** | The educational objectives are the learning of important notions concerning aquaculture, poultry and rabbit species, characterized by the shortness of the biological cycle and industrialization of the production, transformation and marketing processes of products. |
| **Course prerequisites** | Produzioni Animali I |
| **Contents** | Clinical sciences animal production<br>Introduction. Livestock farming in Italy and Puglia. The breeding of rabbits, principles and techniques. The importance of aviculture. Background. Situation of poultry farming 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.<br>Introduction to aquaculture. Sea bass and sea bream production cycle. Principles and techniques. |
| **Books and bibliography** | • S.Cerolini, M.Marzoni Fecia di Cossato, I.Romboli,: "Avicoltura e Coniglicoltura" Ed. Le Point Vétérinaire Italie – 2015 (II edition).<br>• Cataudella S., Bronzi P. "Acquacoltura Responsabile". 2001 Edizioni Uniprom.<br>• Lecture notes |
| **Additional materials** | |

| **Work schedule** | | | |
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| Total | Lectures | Hands on (Laboratory, working groups, seminars, field trips) | Out-of-class study hours/ Self-study hours |
| **Hours** | | | |
| ***150*** | ***40*** | ***10*** | ***100*** |

**U.O. Didattica e servizi agli studenti**
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| ECTS | | | |
|---|---|---|---|
| 5 | 4 | 1 | |

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| **Teaching strategy** | |
| | The theoretical part of the course takes place in classrooms equipped with multimedia tools such as PC, projector, internet connection, using power point slides. Practical course consists in seminars and visit study. |
| **Expected learning outcomes** | |
| **Knowledge and understanding on:** | • Knowledge for proper management of poultry and rabbit farms<br>• Knowledge of aquaculture production and water farming |
| **Applying knowledge and understanding on:** | • to demonstrate the ability to cope with incomplete information, face unexpected events and adapt to change.<br>• to demonstrate recognizing personal and professional limitations and knowing how to seek professional advice, assistance and support when needed.<br>• to assess the physical condition, well-being and nutritional status of an animal or group of animals and advise the client on the principles of breeding and feeding<br>• to provide advice and implement preventive programs appropriate to the species and in line with accepted animal health, welfare and health standards. |
| **Soft skills** | • Making informed judgments and choices<br>- Understanding and competence in logical approaches to both scientific and clinical reasoning, the distinction between the two and the strengths and limitations of each;<br>- Knowledge of activities related to the breeding, production and breeding of animals.<br>• Communicating knowledge and understanding<br>- The student should be able to discuss the structure, function and behavior of animals and their physiological and welfare needs, including healthy pets, wildlife in captivity and animals in laboratory housing.<br>• Capacities to continue learning<br>- Research methods and contribution of basic and applied research to veterinary science. |

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| **Assessment and feedback** | |
| Methods of assessment | The skills acquired will be assessed at the end of the course through an oral assessment with questions on topics related to the course. |
| Evaluation criteria | • Knowledge and understanding<br>- Know the correct management methods of poultry and rabbit farms<br>• Applying knowledge and understanding<br>- Identify the main production problems deriving from incorrect management<br>• Autonomy of judgment<br>- Being able to express his opinion independently<br>• Communicating knowledge and understanding<br>- Correct oral answers to the questions and topics proposed<br>• Communication skills |

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| | - Good ability to present the proposed topics<br>• Capacities to continue learning<br>- Demonstrate good ability to deepen study topics |
| Criteria for assessment and attribution of the final mark | The assessment of the learning achieved by the student is carried out by means of an oral examination with the aim of ascertaining the degree of knowledge on the proposed topics. The final mark is expressed in thirtieths. The minimal final mark to pass the exam is 18/30. The highest marks will be awarded to the students able to use the correct scientific terminology and with good explanation skills. |
| **Additional information** | |
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