UAB
Universitat Autònoma de Barcelona

Production and Health of Pigs and Rabbits

Code: 103967
ECTS Credits: 6

2025/2026

Degree	Type	Year
Veterinary Medicine	OT	5

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Teachers

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Teaching groups languages

You can view this information at the end of this
document.

Prerequisites

There are no prerequisites, but it is recommended to have passed and approved the following subjects: Basis
of the Animal Production and Management, Animal Production I and II, Animal Health III.
There is a limitation of places for 30 people that will be made according to the criteria of academic record
(average marks and credits passed).

Objectives and Contextualisation

The Subject of Pig and Rabbit Health and Production is an optional subject aiming to deepen in the knowledge
of health and production of the mentioned species focusing fundamentally on the resolution of practical
situations.
The specific objectives are :
To gain understanding of the critical points in the health and production of pigs and rabbits and how they
should be analyzed
To learn to identify the most common productive and health problems in these species and formulating
possible solutions based on the context

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Competences

- Analyse, synthesise and resolve problems and make decisions.
- Apply scientific method to professional practice, including medicine
- Assess and undertake epidemiological studies and therapeutic and preventive programs in accordance with the standards of animal welfare, animal health and public health.
- Comunicar la informació obtinguda durant l'exercici professional de manera fluïda, oralment i per escrit, amb altres col·legues, autoritats i la societat en general.
- Perform risk analyses, including those of environmental and biosafety, and evaluate and manage them.
- Value and interpret the production and health parameters of one animal group, considering the economic and welfare aspects.

Learning Outcomes

1. Analyse, interpret and evaluate the production and healthcare parameters of a farm or fishery and produce a plan of corrective actions considering the factors of animal welfare, environmental protection and product quality.
2. Analyse, synthesise and resolve problems and make decisions.
3. Apply a health plan to concrete situations in accordance with the productive and economic aspects of a livestock farm or fishery and the ethical, social and normative limitations.
4. Apply scientific method to professional practice, including medicine
5. Communicate information obtained during professional exercise in a fluid manner, orally and in writing, with other colleagues, authorities and society in general.
6. Evaluate and apply biosafety protocols in concrete cases referring to farms.

Content

THEORETICAL CONTENTS

In the event of restrictions imposed by HealthAuthorities, these contents may be modified or prioriti¡zed differently.

Pig Health and Production (6h):
T1 General concepts
T2. Biosecurity
T3. Diagnostic frameworks
T4. Analysis of records and interpretation of productive data

These contents include non-presential lectures

Rabbit Health and Production (3h):
T1 General concepts
T2. Analysis of records and interpretation of productive data
T4. Diagnostic frameworks

These contents include non-presential lectures

PRACTICAL LECTURES
- Case discussion (20h)
4 Practical cases for pigs (16h)
1 Practical case for rabbits (4h)

Sessions of discussion and resolution of cases will be presential; other activities may be done remotely.- Field practice (9 h)

- Practical work on diagnosis and proposal of solutions to the problems of a pig or rabbit farm.

- Diagnostic practice (3h)
1 Diagnostic session including necropsy

Activities and Methodology

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Case discussion	3	0.12	4, 3, 5
Cases	9	0.36	2, 4
Field practice	9	0.36	1, 2, 4, 3, 5, 6
Field work	20	0.8	1, 2, 4, 3, 5, 6
Type: Autonomous			
Diagnostic practice	77	3.08	1, 2, 4, 3, 5, 6
Master class	32	1.28	1, 2, 4, 3, 5, 6

The teaching activity is distributed in:
a) Lectures: Those corresponding to blocks 1 and 2
b) Case discussion sessions (Classroom practices). The discussion sessions are divided into a presentation of the cases by the professors, an autonomous work of bibliographic consultation on the part of the student, a group discussion session of the possible orientations of the case, an autonomous work leading to the formulation of solutions to the case and a group discussion of the proposals. In some cases, a brief draft of the proposals must be submitted to facilitate the group discussion.
c) Diagnostic practices: Necropsies and lab diagnosis results belonging to real cases. Each case will include writing a mini-report.
Field work - farm visits to identify health and productive problems and to establish intervention protocols. There will be two visits with a teacher and, if additional visits are needed, an appointment maust be made. Most of the work is an autonomous group task that must finally be presented orally and in a written report.

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Assessment

Continous Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Case discussion	50%	0	0	1, 2, 4, 3, 5, 6
Field practice	50%	0	0	1, 2, 4, 3, 5, 6

The evaluation will be 50% resolution of the cases (all have the same weight value) -orally in the classroom - and farm work that will be presented at the end of the semester in one brief oral summary in writing. In the farm work, it is mandatory to attend the presentations of the other groups
A minimum of 4.0 is needed in each part to compensate.This subject does not offer a single assessment. The "Not assessable" grade will correspond to those cases in which at least three of the practical cases or the practical field case were not done.

The use of artificial intelligence (AI) technologies is allowed exclusively in support tasks such as bibliographic or information search or text correction. In some cases, if it is to be used, it will be clearly specified which parts have been generated with this technology and its utilities, indicating how its use has influenced the final result of the activity. Non-transparency in the use of AI will be considered academic dishonesty and may lead to partial or total penalisation of the activity.

Bibliography

Boden E (1991) The In Practice Handbooks. Swine Practice. Baillière Tindall, Londres

Eich KO (1990) Manual de enfermedades del cerdo. Grünland. Barcelona

Zimmerman JF et al. (2019) Diseases of swine 11 edition. Wiley-Blackwell. th ISBN: 978-0-8138-1703-3

Muirhead MR, Alexander T (1997)A pocket guide to recognising and treating pig diseases.5M Enterprises, Sheffield, UK.

Muirhead MR, Alexander T. (1998) Managing pig health and the treatment of disease. 5M Enterprises, Sheffield, UK

Smith, W.J., Taylor, D.J. y Penny, R.H.C. (1990). Atlas en color de patología porcina. Interamericana McGraw-Hill. Madrid.

Taylor, D.J. (2006). Pig diseases (8ª. ed.).ISBN 0 95069327 8

Close & Cole (2001) Nutrition of sows and boars. Nothingham University Press. English, Burgess,

Segundo & Dunne (1992) Stockmanship. improving the care of the pig and other livestock. Farming Press Ltd.

Gadd (1993) Pig production problems: John Gadd's guide to their solutions. Nothingham University Press.

Software

No need for any specific software

Groups and Languages

Please note that this information is provisional until 30 November 2025. You can check it through this link. To consult the language you will need to enter the CODE of the subject.

Name	Group	Language	Semester	Turn
(PAUL) Classroom practices	1	Catalan	first semester	morning-mixed
(TE) Theory	1	Catalan	first semester	morning-mixed