

Información del Plan Docente

Academic Year	2018/19
Subject	28443 - Zoonosis, Preventive Medicine and Health Policy
Faculty / School	105 - Facultad de Veterinaria
Degree	451 - Degree in Veterinary Science
ECTS	8.0
Year	5
Semester	First semester
Subject Type	Compulsory
Module	---

1.General information**1.1.Aims of the course****1.2.Context and importance of this course in the degree****1.3.Recommendations to take this course****2.Learning goals****2.1.Competences****2.2.Learning goals****2.3.Importance of learning goals****3.Assessment (1st and 2nd call)****3.1.Assessment tasks (description of tasks, marking system and assessment criteria)**

The student must demonstrate that he has achieved the expected learning outcomes through the following assessment activities

The learning evaluation process will be based, on one hand, on a theoretical exam (60% of the total score, 6 of the 10 total points) and on the other hand, the evaluation of the group activities developed in the different practical sessions with a value of 40% of the total score, (4 of the 10 total points):

1. THEORETICAL EXAM

In the theoretical exam the contents of the complete subject will be valued, that is, the achievement of learning objectives 1 to 8. Its value is 60% of the total score of the subject.

The exam will be written, it will contains between 10 and 20 short answer questions based on the theoretical concepts presented in class or a case application of the concepts. Each question will have a value of 1 point.

Students must get, at least 40% of the points in this theoretical exam in order to continuer with the evaluation (practical activities).

2. EVALUATION OF PRACTICAL ACTIVITIES

Studnets must complete the portfolio of practical activities developed together with other students working in a groups (official groups generated by the center). Its value is 40% of the final grade distributed as follows:

2.1. PREVENTIVE MEDICINE AND HEALTH POLICY (MPyPS)

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Compute with two points of the four possible. Evaluates the achievement of learning objectives 1, 2, 3, 4, 5, 6 and 7
The practical part that corresponds to the elaboration, by each group of practices, of a POSTER (integrated in practical activity 2 of Preventive Medicine (5 different practices of Preventive Medicine) will be scored. The poster will be presented in a class session where the evaluation of the same will take place, evaluation that will be carried out, on the one hand, by the classmates of other different groups, and on the other hand by the teacher responsible for the activity. The final grade of the poster will be half of the final practice mark (a maximum of 2 points in total) and half will be obtained (1 point) from the notes assigned by the classmates and the other half (1 point) note awarded by the teacher. The explanation given to the case, the clarity in the presentation of the results and the justification of the proposed measures will be assessed both by the faculty and by the students. For this purpose, a guide will be given that will be used as a reference in the evaluation. This note will be adjusted to what was observed by the professor from the operational point of view and the interest shown in the set of

2.2. ZONOSIS (Z)

It evaluates the achievement of learning objectives 1, 2, 3, 6 and 8.

Teachers will assess the activity developed in practical session 1 (of a set of 2 practices of Zoonoses), Students must elaborate a TECHNICAL REPORT according to a reference guide that they receive. Evaluation of the activity will be based on assessing the quality of the report carried out . This practice constitutes the other 2 points of the practices evaluation.

In the remaining practical activities 1, 3, 4 and 5 of Preventive Medicine and 2 of Zoonoses, attendance will be assessed (present or absent), being necessary to have attended all the practical sessions to be able to pass the subject: Those students who have some practice without doing, must be presented to a practical examination of those sessions that have not attended.

FINAL MARK: Cumulative note of the theoretical evaluation (6 points) and the two parts of the practical activity (2 points Preventive Medicine and 2 Zoonoses points).

This final mark may be INCREASED with various voluntary activities that are offered to students at the beginning of the year as activities of the XALOC CLUB of preventive medicine. These are PRESENTATIONS of health topics in Secondary Education Schools, development of DEBATES, elaboration and COMICS for social information or case presentation in TECHNICAL WORKSHOPS in Preventive Medicine. Participation is voluntary. Every student can take part in a maximum of two activities. Each activity carried out increases between 0.5 and 1 point (depending on the quality of the work) the final mark obtained in the subject (theory and practices).

4. Methodology, learning tasks, syllabus and resources

4.1. Methodological overview

The fact that it is an applicative subject (it uses the concepts and knowledge of other subjects), makes that the whole part of the time we are working with case studies. This tool also allows the development of transversal skills such as leadership, decision making, ability to take decisions or the development of critical thinking.

4.2. Learning tasks

The proposed learning activities are presented in the program part of this guide

Subject:			
ZONOSIS, PREVENTIVE MEDICINE AND HEALTH POLITICS			
Activity	Groups	Hours/student	Description

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1	ZOONOSES THEORY	2	21	General concepts and zoonose types
2	PREVENTIVE M. THEORY	2	35	Preventive medicine and health politics concepts and tools
3	ZOONOSES 1 PRACTICES	6	6	Risk analysis and prevention strategies in public gardens: TECHNICAL REPORT
4	ZOONOSES 2 PRACTICES	12	3	Vector borne diseases transmission models
5	PREVENTIVE M. PRACTICES 1	12	3	Diseases outbreak investigation in the farm. Veterinary tools
6	PREVENTIVE M. PRACTICES 2	12	3	Biosecurity in the farm. POSTER
7	PREVENTIVE M. PRACTICES 3	6	3	Control programs at regional level (IBR / BVD)
8	PREVENTIVE M. PRACTICES 4	6	3	Erradication programs at national and international level (FMD, PPC)
19	PREVENTIVE M. PRACTICES 5	12	3	Vaccines and selecction of the programs according to the population and objectives

4.3.Syllabus

All contents presented and developed activities are supported on material provided through the ADD of the University of Zaragoza. The materials included theoretical documents, multimedia presentations or documents provided by external partners (pharmaceutical laboratories, field specialists ...) and various examples of different case studies. These case studies present real situations that have been adapted to the training process developed specifically for this subject.

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The subject is divided in two thematic parts:

Part 1 ZOONOSIS, divided into 3 clusters:

- A-Zoonose; general considerations
- B- The main zoonose models -
- C- Zoonose response and Veterinary Public Health.

Part 2 PREVENTIVE MEDICINE AND HEALTH POLITICS, divided into four thematic clusters:

- A- Concepts to understand the disease from a Preventive Medicine point of view
- B- Main tools for decision making in Preventive Medicine
- C- Response strategies in Preventive Medicine

D- Health Politics and health regulations

4.4.Course planning and calendar

The distribution of the program and de timetable of every lesson and practices are described in detail in the web site of the Faculty of Veterinary Medicine (link <http://veterinaria.unizar.es/gradoveterinaria/>) and in the calendar of the ADD. This links will be updated at the beginning of each academic year.

4.5.Bibliography and recommended resources