

## 28443 - Zoonosis, Preventive Medicine and Health Policy

### Información del Plan Docente

Academic Year	2016/17
Academic center	105 - Facultad de Veterinaria
Degree	451 - Degree in Veterinary Science
ECTS	8.0
Course	5
Period	First semester
Subject Type	Compulsory
Module	---

### 1. Basic info

#### 1.1. Recommendations to take this course

#### 1.2. Activities and key dates for the course

### 2. Initiation

#### 2.1. Learning outcomes that define the subject

#### 2.2. Introduction

### 3. Context and competences

#### 3.1. Goals

#### 3.2. Context and meaning of the subject in the degree

#### 3.3. Competences

#### 3.4. Importance of learning outcomes

### 4. Evaluation

### 5. Activities and resources

#### 5.1. General methodological presentation

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.

#### 5.2. Learning activities

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

<b>Subject:</b>				
<b>ZONOSSES, PREVENTIVE MEDICINE AND HEALTH POLITICS</b>				
<b>Activity</b>		<b>Groups</b>	<b>Hours/student</b>	<b>Description</b>
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	3	Risk analysis and prevention strategies in public gardens: TÉCNICAL REPORT
4	ZOONOSES 2 PRACTICES	12	3	Vector borne diseases transmission models
5	ZOONOSES 3 PRACTICES	6	3	Emerging diseases and surveillance. WestNile case. DEBATE
6	PREVENTIVE M. PRACTICES 1	12	3	Diseases outbreak investigation in the farm. Veterinary tools
7	PREVENTIVE M. PRACTICES 12	12	3	Vaccines and their selection criteria

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8	PREVENTIVE M. PRACTICES 3	6	3	Control programs at regional level (IBR / BVD)
9	PREVENTIVE M. PRACTICES 4	6	3	Erradication programs at national and international level (FMD, PPC)
10	PREVENTIVE M. PRACTICES 5	12	3	Biosecurity in the farm POSTER DESIGN

### 5.3.Program

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.

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

### 5.4.Planning and scheduling

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.

### 5.5.Bibliography and recomendated resources

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<http://psfunizar7.unizar.es/br13/eBuscar.php?tipo=a>