

**1. General information****Course:** WILDLIFE EPIDEMIOLOGY AND DISEASE CONTROL**Code:** 310057**Type:** ELECTIVE**ECTS credits:** 4.5**Degree:** 2310 - MASTERS DEGREE PROGRAMME IN BASIC AND APPLIED RESEARCH IN HUNTING RESOURCES**Academic year:** 2023-24**Center:** 601 - E.T.S. AGRICULTURAL ENGINEERS AND MOUNTS AB**Group(s):** 20**Year:** 1**Duration:** C2**Main language:** English**Second language:** Spanish**Use of additional languages:****English Friendly:** N**Web site:****Bilingual:** N**Lecturer:** RAMON CHRISTIAN GORTAZAR SCHMIDT - Group(s): 20

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2. Pre-Requisites

Not established

3. Justification in the curriculum, relation to other subjects and to the profession

Not established

4. Degree competences achieved in this course**Course competences**

Code	Description
E01	
E03	
E04	
E05	
E06	
E07	
E08	
G01	
G02	
G03	
G04	
G05	
G06	
G08	
G09	
G10	

5. Objectives or Learning Outcomes**Course learning outcomes**

Description

6. Units / Contents**Unit 1:**

Unit 1.1

Unit 1.2

Unit 1.3

Unit 1.4

Unit 1.5

- Unit 2:
- Unit 2.1
 - Unit 2.2
 - Unit 2.3
 - Unit 2.4
 - Unit 2.5
 - Unit 2.6
- Unit 3:
- Unit 3.1
 - Unit 3.2
 - Unit 3.3
 - Unit 3.4
 - Unit 3.5
 - Unit 3.6
- Unit 4:
- Unit 4.1
 - Unit 4.2
 - Unit 4.3
 - Unit 4.4
 - Unit 4.5
- Unit 5:
- Unit 5.1
 - Unit 5.2
 - Unit 5.3
 - Unit 5.4
 - Unit 5.5

7. Activities, Units/Modules and Methodology							
Training Activity	Methodology	Related Competences (only degrees before RD 822/2021)	ECTS	Hours	As	Com	Description
Class Attendance (theory) [ON-SITE]	Lectures	E01 G10	0.3	7.5	Y	N	
Study and Exam Preparation [OFF-SITE]	Project/Problem Based Learning (PBL)	E03 E04 E05 E07 E08 G02 G03 G04 G06 G09	1.25	31.25	Y	N	
Field work [ON-SITE]	Group Work	E06 G01	0.2	5	Y	N	
Writing of reports or projects [OFF-SITE]	Group Work	E06 G02 G04 G06 G08 G09 G10	0.5	12.5	Y	N	
Analysis of articles and reviews [OFF-SITE]	Reading and Analysis of Reviews and Articles	E06 G08 G10	0.6	15	Y	N	
Individual tutoring sessions [ON-SITE]	Other Methodologies	E08	0.05	1.25	Y	N	
Study and Exam Preparation [OFF-SITE]	Self-study	E06 G02 G08 G10	1.6	40	Y	N	
Total:			4.5	112.5			
Total credits of in-class work: 0.55			Total class time hours: 13.75				
Total credits of out of class work: 3.95			Total hours of out of class work: 98.75				

As: Assessable training activity

Com: Training activity of compulsory overcoming (It will be essential to overcome both continuous and non-continuous assessment).

8. Evaluation criteria and Grading System			
Evaluation System	Continuous assessment	Non-continuous evaluation*	Description
Assessment of active participation	30.00%	0.00%	
Assessment of problem solving and/or case studies	30.00%	0.00%	
Oral presentations assessment	40.00%	100.00%	
Total:	100.00%	100.00%	

According to art. 4 of the UCLM Student Evaluation Regulations, it must be provided to students who cannot regularly attend face-to-face training activities the passing of the subject, having the right (art. 12.2) to be globally graded, in 2 annual calls per subject, an ordinary and an extraordinary one (evaluating 100% of the competences).

9. Assignments, course calendar and important dates	
Not related to the syllabus/contents	
Hours	hours
Unit 1 (de 5):	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	1.5
Study and Exam Preparation [AUTÓNOMA][Project/Problem Based Learning (PBL)]	6.25

Field work [PRESENCIAL][Group Work]	1
Writing of reports or projects [AUTÓNOMA][Group Work]	2.5
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	3
Individual tutoring sessions [PRESENCIAL][Other Methodologies]	.25
Study and Exam Preparation [AUTÓNOMA][Self-study]	8
Unit 2 (de 5):	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	1.5
Study and Exam Preparation [AUTÓNOMA][Project/Problem Based Learning (PBL)]	6.25
Field work [PRESENCIAL][Group Work]	1
Writing of reports or projects [AUTÓNOMA][Group Work]	2.5
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	3
Individual tutoring sessions [PRESENCIAL][Other Methodologies]	.25
Study and Exam Preparation [AUTÓNOMA][Self-study]	8
Unit 3 (de 5):	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	1.5
Study and Exam Preparation [AUTÓNOMA][Project/Problem Based Learning (PBL)]	6.25
Field work [PRESENCIAL][Group Work]	1
Writing of reports or projects [AUTÓNOMA][Group Work]	2.5
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	3
Individual tutoring sessions [PRESENCIAL][Other Methodologies]	.25
Study and Exam Preparation [AUTÓNOMA][Self-study]	8
Unit 4 (de 5):	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	1.5
Study and Exam Preparation [AUTÓNOMA][Project/Problem Based Learning (PBL)]	6.25
Field work [PRESENCIAL][Group Work]	1
Writing of reports or projects [AUTÓNOMA][Group Work]	2.5
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	3
Individual tutoring sessions [PRESENCIAL][Other Methodologies]	.25
Study and Exam Preparation [AUTÓNOMA][Self-study]	8
Unit 5 (de 5):	
Activities	Hours
Class Attendance (theory) [PRESENCIAL][Lectures]	1.5
Study and Exam Preparation [AUTÓNOMA][Project/Problem Based Learning (PBL)]	6.25
Field work [PRESENCIAL][Group Work]	1
Writing of reports or projects [AUTÓNOMA][Group Work]	2.5
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	3
Individual tutoring sessions [PRESENCIAL][Other Methodologies]	.25
Study and Exam Preparation [AUTÓNOMA][Self-study]	8
Global activity	
Activities	hours
Study and Exam Preparation [AUTÓNOMA][Self-study]	40
Class Attendance (theory) [PRESENCIAL][Lectures]	7.5
Study and Exam Preparation [AUTÓNOMA][Project/Problem Based Learning (PBL)]	31.25
Field work [PRESENCIAL][Group Work]	5
Writing of reports or projects [AUTÓNOMA][Group Work]	12.5
Analysis of articles and reviews [AUTÓNOMA][Reading and Analysis of Reviews and Articles]	15
Individual tutoring sessions [PRESENCIAL][Other Methodologies]	1.25
Total horas: 112.5	

10. Bibliography and Sources						
Author(s)	Title/Link	Publishing house	Citv	ISBN	Year	Description
Martínez-Guijosa y cols.	Medidas de bioseguridad en explotaciones extensivas de ganado bovino http://www.gostu.es/sites/default/files/archivos/formacion/Manual%20Tuberculosis%20-%20Ganadera%20web.pdf	IREC				
Martínez-Guijosa y cols.	Programas de mejora sanitaria en terrenos cinegéticos para el control de la tuberculosis en fauna silvestre http://www.gostu.es/sites/default/files/archivos/formacion/Manual Tuberculosis - Cinegetica web.pdf	IREC			2021	
Christian Gortázar, Joaquín Vicente, Margarita Villar, Francisco Ruiz-Fons, Ursula Höfle, José de la Fuente	Research Priorities and Trends in Infections	Springer	Switzerland		2016	
						Este vídeo resulta de un simulacro de emergencia sanitaria, realizado en colaboración entre IREC

IREC - EUFMD	Vídeo: actuación ante emergencias sanitarias en jabalí			2019	y EUFMD en enero de 2019. Muestra cómo actuar ante la aparición del primer caso, con toma y envío de muestras.
I Dohoo, W Martin, H Stryhn	http://www.irec.es/video/video-actuacion-ante-emergencias-sanitarias-jabali/ Veterinary epidemiologic research www.upei.ca/ver	VER Inc	Charlottetown 978-0-919013-60-5	2009	Texto general de epidemiología veterinaria
Richard J. Delahay, Graham C. Smith	Management of Disease in Wild Mammals	Springer	978-4-431-77133-3	2009	Gestión sanitaria en mamíferos silvestres