

SYLLABUS

1. COURSE DESCRIPTION

Degree:	Environmental Sciences
Course:	Animal Physiology: Adaptation and Environment (203036)
Module:	Complementary Training (Optional)
Department:	Physiology, Anatomy and Cell Biology
Academic Year:	2107-2018
Term:	First
ECTS credits:	6
Year:	4th year
Type:	Optional
Language:	Spanish

Course Model:	A2	
a. Basic learning (EB):		31
b. Practical learning (EPD):		7
a. Actividades Dirigidas (AD):		7



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2. LECTURER

Coordinator	
Name:	Juan Carlos López Ramos
School:	Environmental Sciences
Department:	Physiology, Anatomy and Cell Biology
Area:	Physiology
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3. TOPICS

Topic 1

- Unit 1. Introduction to Environmental Physiology
- Unit 2. Interaction of the animal with its environment.
- Unit 3. Environmental stress.
- Unit 4. The vital space.
- Unit 5. Bioindicators.

Topic 2.

- Unit 6 Terrestrial medium.
- Unit 7 Water environment.

Topic 3

- Unit 8 Hypobarism.
- Unit 9 Hyperbarism.

Topic 4.

- Unit 10 Heat and temperature. Climates of extreme heat.
- Unit 11. Freezing.
- Unit 12. Lethargy.

Topic 5

- Unit 13. Radiant energy Magnetobiology Biorhythmicity.
- Unit 14. Biorhythmicity.