

SYLLABUS

1. COURSE DESCRIPTION

Degree:	Nutrition and Dietetics
Course:	Human Physiology
Module:	Basic Science
Department:	Physiology, Anatomy and Cell Biology
Academic Year:	2017-18
Term:	Second
ECTS credits:	6
Year:	1st year
Type:	Basic
Language:	Spanish

Course Model:	C1	
a. Basic learning (EB):		50 %
b. Practical learning (EPD):		50 %

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2. LECTURERS

2.1. Coordinator: Ángel Manuel Carrión Rodríguez

2.2. Lecturers

Name:	Ángel Manuel Carrión Rodríguez
School:	School of Experimental Sciences
Department:	Physiology, Anatomy and Cell Biology
Area:	Physiology
Office Hours:	Virtual tutoring sessions are available at any moment Mondays, Tuesdays, Wednesdays and Thursdays: 10.30-12.00
Office:	22.1.04
E-mail:	amancar@upo.es
Phone:	954977503

Name:	Rocío Leal Campanario
School:	School of Experimental Sciences
Department:	Physiology, Anatomy and Cell Biology
Area:	Physiology
Office Hours:	Virtual tutoring sessions and tutoring meetings at the office are available at any moment (please, previous appointment through e-mail)
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Phone:	954977427

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3. TOPICS

BASIC LEARNING (EB):

0. Introduction to Physiology
1. Function of the Nervous System
2. Function of the Circulatory System
3. Function of the Respiratory System
4. Function of the Excretory System
5. Function of the Digestive System
6. Function of the Endocrine System: Hypothalamus-Hypophysis

PRACTICAL LEARNING (EPD):

1. Simulation and analysis of membrane potentials.
2. Sensation and perception.
3. Striated muscle activity.
4. Cardiac regulation during exercise.
5. Spirometry.
6. Student seminar (group).
7. Function of the endocrine pancreas.
8. Student seminar (group).