

SYLLABUS

1. COURSE DESCRIPTION

Degree:	Nutrition and Dietetics
Course:	Human Genetics
Module:	Basic Science
Department:	Molecular Biology and Chemical Engineering
Academic Year:	2017-18
Term:	Second
ECTS credits:	6
Year:	1st year
Type:	Compulsory
Language:	Spanish

Course Model:	A2	
a. Basic learning (EB):		70 %
b. Practical learning (EPD):		15 %
c. Guided Academic Activities (AD):		15 %

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2. LECTURERS

Coordinator	
Name:	Víctor Álvarez Tallada
School:	School of Experimental Sciences
Department:	Molecular Biology and Chemical Engineering
Area:	Genetics
Office Hours:	Wednesdays: 15.00-16.00
Office:	22.2.19
E-mail:	valvtal@upo.es
Phone:	954978079

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3. TOPICS

1. THE DNA CODE. THE INHERITANCE OF THE GENETIC MATERIAL
2. THE FLOW OF GENETIC INFORMATION
3. GENOTYPE AND PHENOTYPE. MUTATION AND ITS CONSEQUENCES
4. CHROMOSOMAL ALTERATIONS AND HERITAGE
5. BIOCHEMICAL GENETICS
6. ALLELE HERITAGE
7. GENETIC ANALYSIS AND VARIABILITY IN POPULATIONS
8. QUANTITATIVE GENETICS. GENES AND ENVIRONMENT