

SYLLABUS

1. COURSE DESCRIPTION

Degree:	Nutrition and Dietetics
Course:	Clinical Biochemistry
Module:	Nutrition and Health Sciences
Department:	Molecular Biology and Biochemical Engineering
Academic Year:	2017/18
Term:	First
ECTS credits:	4.5
Year:	4th year
Type:	Optional
Language:	Spanish

Course Model:	B2	
a. Basic Learning (EB):		60%
b. Practical Learning (EPD):		25%
c. Guided Academic Activities (AD):		15%

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2. LECTURERS

Coordinator	
Name:	Francisco Javier Bedoya Bergua
School:	School of Experimental Sciences
Department:	Molecular Biology and Biochemical Engineering
Area:	Biochemistry and Molecular Biology
Office Hours:	Tuesdays, Thursdays and Fridays: 15.30-17.30 Please, make a previous appointment through e-mail or webct.
Office:	22.3.08
E-mail:	fbedber@upo.es
Phone:	954977934

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3. TOPICS

1. Concept of Clinical Biochemistry. Interpreting the results obtained at the laboratory.
2. Biochemical evaluation of nutritional status.
3. Biochemical evaluation of energetic metabolism.
4. Evaluation of the liquid compartments of the organism.
5. Study of gastrointestinal, hepatic and renal function.
6. Evaluation of mineral metabolism.
7. Biochemical evaluation of endocrine function.
8. Molecular pathology of amino acid metabolism.
9. Biochemical evaluation of oxidative stress.