

SYLLABUS

1. COURSE DESCRIPTION

Degree:	Environmental Sciences
Course:	General Chemistry and Organic Chemistry
Module:	Basic Training
Department:	Physical, Chemical and Natural Systems
Academic Year:	2017-18
Term:	First
ECTS credits:	7.5
Year:	1st year
Type:	Basic
Language:	Spanish

Course Model:	B1	
a. Basic learning (EB):		60 %
b. Practical learning (EPD):		40%
c. Organised activities:		

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2. LECTURERS

Coordinator	
Name:	Said Hamad Gomez
School:	School of Experimental Sciences
Department:	Physical, Chemical and Natural Systems
Area:	Physical chemistry
Office Hours:	Tuesdays: 10.00-13.00 Wednesdays 12.00-13.00 and 14.00-16.00
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Phone:	

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3. TOPICS

0. Basic concepts of chemistry
1. Structure of matter
2. Chemical link
3. Thermodynamics and equilibrium
4. Chemical kinetics
5. Dissolution reactions
6. Acid-base reactions
7. Oxidation-reduction reactions.
8. Introduction to organic chemistry
9. Reactivity and reaction mechanisms in Organic Chemistry.
10. Polymers.