

SYLLABUS

1. COURSE DESCRIPTION

Degree:	Environmental Sciences
Course:	Environmental Pollution
Department:	Environmental Technology
Academic Year:	2017-18
Term:	Second
ECTS credits:	6
Year:	3rd year
Type:	Compulsory
Language:	Spanish

Course Model:	B2	
a. Basic learning (EB):		60 %
b. Practical learning (EPD):		40 %

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2. LECTURERS

Coordinator	
Name:	Said Hamad Gómez
School:	Experimental Sciences
Department:	Physical, Chemical and Natural Systems
Area:	Chemistry Physics
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3. TOPICS

Topic 1. Introduction to the Pollution of the Atmosphere

Topic 2. Models of dispersion and concentration of Atmospheric Pollutants

Topic 3. Fundamentals of Atmospheric Photochemistry. Stratospheric Ozone

Topic 4. Tropospheric contamination

Topic 5. Transfers between Phases

Topic 6. The Hydrosphere

Topic 7. Floors

Laboratory Practices Program

Practice 1: Gaussian model of pollutant dispersion. (computer classroom)

Practice 2: Analysis of pollutants by infrared spectroscopy (laboratory QF)

Practice 3: Determination of partition coefficient water-pentanol (laboratory QF)

Practice 4: Soxhlet extraction of heavy hydrocarbons in soils (QF laboratory)