

## SYLLABUS

### 1. COURSE DESCRIPTION

<b>Degree:</b>	<b>Environmental Sciences</b>
<b>Course:</b>	<b>Hidrology and Pedology</b>
<b>Module:</b>	<b>Basic Training</b>
<b>Department:</b>	<b>Physical, Chemical and Natural Systems</b>
<b>Academic Year:</b>	<b>2017/18</b>
<b>Term:</b>	<b>First</b>
<b>ECTS credits:</b>	<b>6</b>
<b>Year:</b>	<b>2<sup>nd</sup> year</b>
<b>Type:</b>	<b>Basic</b>
<b>Language:</b>	<b>Spanish</b>

<b>Course Model:</b>	<b>B1</b>	
<b>a. Basic learning (EB):</b>	<b>60% (27 hours)</b>	
<b>b. Practical learning (EPD):</b>	<b>40% (18 hours)</b>	

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### 2. LECTURERS

**2.1 Coordinator: FRANCISCO MORAL MARTOS**

#### 2.2 Lecturer:

<b>Name:</b>	FRANCISCO MORAL MARTOS
<b>School:</b>	School of Experimental Sciences
<b>Department:</b>	Physical, Chemical and Natural Systems
<b>Area:</b>	External Geodynamics
<b>Office Hours:</b>	Mondays: 16.00-19-00 Wednesdays: 11.00-14.00
<b>Office:</b>	22/2/11
<b>E-mail:</b>	fmormar@upo.es
<b>Phone:</b>	954349829

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### 3. TOPICS

1. INTRODUCTION
2. THE HYDROLOGICAL CYCLE
3. HYDROGEOLOGY
4. SURFACE WATER HYDROLOGY
5. SOIL GENESIS
6. SOIL COMPONENTS
7. SOIL PROPERTIES