

## SYLLABUS

2017/18

### 1. COURSE DESCRIPTION

<b>Degree:</b>	<b>Environmental Sciences</b>
<b>Course:</b>	<b>Ecology</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>Second</b>
<b>ECTS credits:</b>	<b>6</b>
<b>Year:</b>	<b>2<sup>nd</sup> year</b>
<b>Type:</b>	<b>Compulsory</b>
<b>Language:</b>	<b>Spanish</b>

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



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### 2. LECTURER

**2.1. Coordinator: José Ignacio Seco Gordillo**

#### 2.2. Lecturer

<b>Name:</b>	<b>Felisa Covelo Núñez</b>
<b>School:</b>	<b>School of Experimental Sciences</b>
<b>Department:</b>	<b>Physical, Chemical and Natural Systems</b>
<b>Area:</b>	<b>Ecology</b>
<b>Office Hours:</b>	<b>Tuesdays, Wednesdays and Thursdays: 12.00-13.00 and 17.00-18.00</b>
<b>Office:</b>	<b>22.4.9</b>
<b>E-mail:</b>	<b>fcovnun@upo.es</b>
<b>Phone:</b>	<b>954977561</b>



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<b>2.2. Lecturer</b>	
<b>Name:</b>	<b>José I. Seco Gordillo</b>
<b>School:</b>	<b>School of Experimental Sciences</b>
<b>Department:</b>	<b>Physical, Chemical and Natural Systems</b>
<b>Area:</b>	<b>Ecology</b>
<b>Office Hours:</b>	<b>Mondays and Tuesdays 9.30 – 13.30</b>
<b>Office:</b>	<b>22.4.15</b>
<b>E-mail:</b>	<b>jisecgor@upo.es</b>
<b>Phone:</b>	<b>954977361</b>

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### 3. TOPICS

#### Theory

The course is divided into five topics.

- **TOPIC I, INTRODUCTION.**
- **TOPIC II, AUTOECOLOGY.**
- **TOPIC III, THE ECOSYSTEM IN SPACE AND TIME.**
- **TOPIC IV, ENERGY FLOW AND MATTER CYCLE.**

#### Practice

The course includes 3 laboratory practices and a field trip.

Laboratory practice:

**PRACTICE 1. Estimating the abundance of plant populations**

**PRACTICE 2. Water Stress**

**PRACTICE 3. Primary production**

Field trip:

Field trip SEVILLA - CONSTANTINA - SEVILLA. (It will be carried out on a Friday from 7.55 to 18.00 h).