

## 26631 - Didactics: Biological and Geological Media

### Información del Plan Docente

<b>Academic Year</b>	2017/18
<b>Faculty / School</b>	107 - Facultad de Educación 202 - Facultad de Ciencias Humanas y de la Educación 301 - Facultad de Ciencias Sociales y Humanas
<b>Degree</b>	300 - Degree in Primary School Education 298 - Degree in Primary School Education 299 - Degree in Primary School Education
<b>ECTS</b>	6.0
<b>Year</b>	3
<b>Semester</b>	Half-yearly
<b>Subject Type</b>	Compulsory
<b>Module</b>	---

### **1.General information**

#### **1.1.Introduction**

##### **The subject at a glance**

It is one of the two compulsory subjects about science didactics that pre-service teachers have to conduct during their teacher training degree. It includes theoretical and practical training and deals with outstanding issues related to learning and teaching biology and geology aspects at Primary school. The aim of this course is to provide Primary school pre-service teacher clues to overcome problems arising when Primary school kids learn about biological and geological aspects of the environment.

##### **Subject program**

- Biological and geological aspects included in the Primary education curriculum and their contribution to the basic-competences acquisition.
- Relevant biological and geological knowledge in Primary education. Common issues emerging during their teaching and learning.
- Biology and geology experimental activities and fieldwork in Primary school.
- Planning, designing and analyzing teaching sequences related to biological and geological knowledge.
- Use of present science-topics including biology and geology aspects, to learn science.

#### **1.2.Recommendations to take this course**

### **1.3.Context and importance of this course in the degree**

### **1.4.Activities and key dates**

## **2.Learning goals**

### **2.1.Learning goals**

**Learning to be achieved after the course:**

**1:**

The student has got basic knowledge about biological and geological aspects and its translation to Primary education

**2:**

The student can relate the basis of the scientific knowledge included in the Primary education curriculum as well as the learning theories about their acquisition

**3:**

The student can write reports about the experimental science activities carried out

**4:**

The student can argue using scientific and didactic reasons during the meetings and debates about present science issues organized by teachers

**5:**

The student shows communicative skills and is able to use appropriate reasons and tools in the teaching situations emerging during the theoretical and practical sessions of the subject

**6:**

The student can design and show teaching sequences which are suitable for the corresponding level at Primary school and include the ideas and tools learned along the theoretical and practical sessions

### **2.2.Importance of learning goals**

## **3.Aims of the course and competences**

### **3.1.Aims of the course**

### **3.2.Competences**

**4. Assessment (1st and 2nd call)**

**4.1. Assessment tasks (description of tasks, marking system and assessment criteria)**

**5. Methodology, learning tasks, syllabus and resources**

**5.1. Methodological overview**

**5.2. Learning tasks**

**5.3. Syllabus**

**5.4. Course planning and calendar**

**5.5. Bibliography and recommended resources**