

## 25236 - Radioactive contamination, acoustic and vibration pollution

### Información del Plan Docente

Academic Year	2016/17
Academic center	201 - Escuela Politécnica Superior
Degree	277 - Degree in Environmental Sciences
ECTS	6.0
Course	
Period	Four-month period
Subject Type	Optional
Module	---

### 1. Basic info

#### 1.1. Recommendations to take this course

#### 1.2. Activities and key dates for the course

### 2. Initiation

#### 2.1. Learning outcomes that define the subject

#### 2.2. Introduction

### 3. Context and competences

#### 3.1. Goals

#### 3.2. Context and meaning of the subject in the degree

#### 3.3. Competences

#### 3.4. Importance of learning outcomes

### 4. Evaluation

### 5. Activities and resources

#### 5.1. General methodological presentation

The method of instruction which has been designed for this course is based on the following:

1. Instructor-led participatory lessons will be the method used in the course of the **theory classes**. This method endeavours to promote the active participation of the students through the formulation of questions and/or exercises which help break the monotony of the sessions. The theory classes will take place with the whole group.
2. In the **problem-solving practical sessions** problems and actual cases related to the theoretical content will be set and resolved. During the course of these sessions the participation of the students and cooperative work will be fostered.
3. In the **laboratory practical sessions** students will be taught how to use instruments to measure the characteristic



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Prácticas laboratorio	2	2	2	2	2	2	2					2	2	2	2					26	
Trabajos en grupo																					0
Salidas de prácticas																					
Tutorías ECTS						1							1								2
Evaluación Actividad No presencial															2						2
Trabajo individual	4	5	4	4	4	5	4	8	6	5	5	3	1	1	4	4					73
Trabajo en grupo	1		1		1		1				1	2	4	4							19
<b>TOTAL</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>9</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>9</b>	<b>9</b>	<b>4</b>	<b>4</b>	<b>0</b>	<b></b>	<b></b>	<b>150</b>

### 5.5. Bibliography and recommended resources

- (BB) Radiaciones ionizantes : utilización y riesgos / Xavier Ortega Aramburu, Jaume Jorba Bisbal, ed. . Barcelona : Editions de la UPC, 1998-2000
- (BB) Bartí Domingo, Robert. Acústica medioambiental / Robert Barti Domingo . San Vicente (Alicante) : Club Universitario, D.L. 2010