60060 - Environment and nanomaterials

Información del Plan Docente

Academic Year	2016/17
Academic center	100 - Facultad de Ciencias
Degree	544 - Master's in Environmental Nanotechnology
ECTS	8.0
Course	1
Period	Annual
Subject Type	Compulsory
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

5.2.Learning activities

5.3.Program

1. Introduction. Nanoscience and Nanotechnology.

2. Nanoparticles and nanomaterials. Classification, properties and applications.

3. Characterization by gas adsorption of nanomaterials.

4. Environmental and energetics applications of nanomaterials.

5. Legislation.

5.4.Planning and scheduling

5.5.Bibliography and recomended resources