

NANOSCIENCE AND NANOTECHNOLOGY 2016-2017

Master Degree:	Chemistry and Biothecnology	760M
Course title:	Nanoscience and nanotechnology	5117
Year/Semester:	1 / 1	ECTS Credits: 5,00

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CONTENTS

- UNIT1. Synthesis of nanostructured materials, nanoparticleas and other nanomaterials.
- UNIT2. Characterization methods in nanoscience.
- UNIT3. Optical, electrical, magnetic and catalytic properties.
- UNIT4. Technology and practical applications of nanomaterials

REFERENCES

Title
NANOCHEMISTRY. A chemical approach to nanomaterials Absys
Nanochemistry Absys
Nanosopic Materials: Size-Dependent Phenomena Absys
Introducción a la Nanotecnología Absys
Nanomaterials Chemistry: Recent Developments and New Directions Absys
Nanocatalysis Absys
Optical Properties and Spectroscopy of Nanomaterials Absys
Nanomedicine and Nanobiotechnology Absys

EVALUATION SYSTEM

Written Exams (40%, recoverable)

Observation Techniques (10%, unrecoverable)

Projects and Works (30%, recoverable)

Oral Tests (20%, unrecoverable)