

## Planning and Quality Assurance Affairs

Form (A)

### Course Specifications

#### General Information

Course name	Introduction to nano technology
Course number	CHEM4240
Faculty	
Department	
Course type	Major Needs
Course level	4
Credit hours (theoretical)	2
Credit hours (practical)	0
Course Prerequisites	

#### Course Contents

- 1 - The course focuses on the study of the basic concept of nano chemistry and changes of chemical and physical properties due size reduction, and the terminology related to science, nanomaterials and nanotechnology. The students will study the methods of nanoparticle preparation, the most recent tools of nanomaterials characterization, the applications and fictionalization of nanomaterials.
- 2 - The course focuses on the study of the basic concept of nano chemistry and changes of chemical and physical properties due to size reduction, and the terminology related to science, nanomaterials and nanotechnology. The students will study the methods of nanoparticle preparation, the most recent tools of nanomaterials characterization, the applications and functionalization of nanomaterials.