

CLASSROOM

V11G - Faculty of Physics

MANDATORY - 5 ECTS

ELECTIVE SUBJECTS

(either 5 or 2.5 ECTS)

Technology

Nanochemistry

Characterisation

Nano for TIC

Nanophysics

Nanobio

FALL SEMESTER

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:50	Nanomaterials	Characterization and manipulation at the nanoscale	Nanomaterials	Characterization and manipulation at the nanoscale	Surface Science & Analysis
11:00 - 12:50	Synthesis and processing of nanomaterials	Colloidal systems and supramolecular devices	Surface Science & Analysis	Colloidal systems and supramolecular devices	Nanomagnetism and spintronics
15:00 -16:50	Bioavailability, efficacy and toxicity. In vitro in vivo evaluation ⁽²⁾	Nanoscopic Systems in Drug Delivery ⁽³⁾	Modelling and simulations ⁽¹⁾	Pharmaceutical Nanotechnology ⁽⁴⁾	Nanosensors ⁽¹⁾
			Nanosystems for medical diagnosiss ⁽⁵⁾		

⁽¹⁾ Lectures will be in the classroom 325 (Faculty of Physics)

⁽²⁾ Lectures will be in the Faculty of Pharmacy , Classroom B-102

⁽³⁾ Lectures will be in the Faculty of Pharmacy , Classroom B-108

⁽⁴⁾ Lectures will be in the Faculty of Pharmacy , Classroom B-201

⁽⁵⁾ Lectures will be in the classroom A44M (Faculty of Physics)

SPRING SEMESTER

	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY
9:00 – 10:50	Nanoscale phenomena	Magnetic Techniques: Spectroscopies and Imaging	Nanophotonics	Nanoenergy	Analytical and high resolution Transmission Electron Microscopy
11:00 - 12:50	Nanobiotechnology	Nanomanufacturing and nanoprocessing in clean room environment	Nanocatalysis	Nanobiotechnology	Nanomanufacturing and nanoprocessing in clean room environment
15:00 -16:50					

⁽¹⁾ Lectures will be in the classroom 325 (Faculty of Physics)

⁽²⁾ Lectures will be in the Faculty of Pharmacy , Classroom B-102