



# PhD in NANOTECHNOLOGY

## LIST OF COURSES

Academic Year 2024-2025

COURSE	TEACHER	CONTACT	PERIOD	LOCATION
Optical spectroscopy, SERS	Alois Bonifacio	abonifacio@units.it	2nd-3rd week of June	Building B
Elements of molecular modeling for nanotechnology	Paola Posocco	paola.posocco@dia.units.it	First two weeks of May	Building B
Nanofabrication: an essential and eclectic tool for nano-science and nanotechnology	Simone Dal Zilio	dalzilio@iom.cnr.it	First two weeks of March	IOM-CNR ed.Q2
Design and analysis of experiments for nanotechnology	Stefano Fornasaro	sfornasaro@units.it	19,22,23,26,29,30 of May	Building C6 ("aula piccola")
Microscopy - Basic principles and related applications	Regina Ciancio	regina.ciancio@areasciencepark.it	First three weeks of June	AREA Basovizza Edificio Q
Microscopia elettronica TEM in pratica	Paolo Bertoncin	pbertoncin@units.it	From May 2025 to December 2025 in accord to daily disponibility of the microscopes EM 208	Building CIMA



COURSE	TEACHER	CONTACT	PERIOD	LOCATION
			CM 200	
Analytical Chemistry in the Drug Substance (DS) Production: from Development to Validation	Maria Chiara Bezze	chiara.bezze@fisvi.com	Last 2 weeks of May	Building C11
Need for speed in clinical diagnostic: from spectroscopy to Point of Care IVD devices	Elisa Gurian	elisa.gurian@alifax.com	Last three weeks of June 2025	Building C11 or B
Open Science and FAIR Data	Mariarita de Luca	mariarita.deluca@areasciencepark.it	Between May 26th and June 13 2025	Building C11
Advanced optical microscopy for nanotechnology	Danut Cojoc	cojoc@iom.cnr.it	Between 2 and 13 June	Building C11
Synchrotron-based imaging and spectromicroscopy tools for characterization of complex matter	Alessandro Sala	sala@iom.cnr.it	From 20 to 30 May	Building C11
Infrared spectroscopy: from macro to nanoscale on the molecules of life	Lisa Vaccari	lisa.vaccari@elettra.eu	First two weeks of September	Building C11
Scanning probe microscopies	Cristina Africh	africh@iom.cnr.it	In the period Oct. 6th - Oct. 24	Building C11
X-ray photoelectron	Alessandro Baraldi	baraldi@units.it	3-4-5 June morning	Building C11