

Cycle view of the study programme

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Coordinating institution : UCL

Admission and registration procedures should be carried out with the referring establishment.

Full programme available at:
<https://uclouvain.be/prog-2025-nano2mc-programme>

ULiege training offer

Common core courses

NANO0001-1	<i>Seminars on the ethical and socio-economic aspects of nanotechnologies</i>	B1	Q2	15	15	-	2
SMEM0038-1	<i>Master thesis - COLLÉGIALITÉ</i>	B1	TA	-	-	-	25

C. Chemistry and physics of nanomaterials

CHIM9230-1	<i>Physical chemistry of nanostructures and single molecules (english language) - AnneSophie DUWEZ, Damien SLUYSMANS</i>	B1	Q1	25	-	-	4
CHIM0072-2	<i>Nanomaterials and divided materials engineering - Benoît HEINRICHS, Stéphanie LAMBERT, Alexandre LÉONARD</i>	B1	Q1	15	15	-	3
PHYS3004-1	<i>Physics of nanomaterials (english language) - N...</i>	B1	Q2	20	10	-	4
PHYS3037-1	<i>Nanofabrication : principles and techniques (english language) - Ngoc Duy NGUYEN, Alejandro SILHANEK</i>	B1	Q2	25	20	-	5
CHIM0698-1	<i>Introduction to the Physical Chemistry of Nanomaterials (english language) - Cédric GOMMES</i>	B1	Q2	20	10	-	3
PHYS3014-1	<i>Physics and chemistry of materials: complements (english language) - COLLÉGIALITÉ - [15h Proj.]</i>	B1	Q1	5	-	[+]	2

Optional courses

CHIM9233-1	<i>Molecular logic and quantum computing (english language) - Françoise REMACLE</i>	B1	Q2	15	-	-	2
PHYS0975-1	<i>Introduction to soft matter and complex systems - Nicolas VANDEWALLE</i>	B1	Q1	30	-	-	5
PHYS3023-1	<i>Physics of magnetic materials (english language) - Eric BOUSQUET</i>	B1	Q2	20	10	-	4
PHYS0987-1	<i>Physics of materials for energy (english language) - Ngoc Duy NGUYEN - [15h Proj.]</i>	B1	Q1	20	-	[+]	4
PHYS0981-1	<i>Quantum modelling of materials properties (english language) - Philippe GHOSEZ</i>	B1	Q1	20	10	-	4
CHIM9236-2	<i>Microstructure of materials : characterization techniques (Odd years) - Part A - Catherine HENRIST - Part B - Catherine HENRIST</i>	B1	Q2	15 10	- -	- -	3
ELEN0069-1	<i>Nanoelectronics / Optoelectronics (english language) - Benoît VANDERHEYDEN - [40h Proj.]</i>	B1	Q2	30	-	[+]	5
PHYS3003-1	<i>Physics of functional oxides (english language) - Philippe GHOSEZ</i>	B1	Q1	20	10	-	4
PHYS3140-1	<i>Magnetism and superconductivity (english language) - Bertrand DUPÉ</i>	B1	Q1	20	10	-	4
CHIM0752-1	<i>Single-molecule approaches in biology and chemistry (english language) - Damien SLUYSMANS</i>	B1	Q1	25	-	-	4