Cycle view of the study programme

Coordinating institution : UCL

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

Lien complet vers le programme :
https://uclouvain.be/prog-2024-nano2mc

ULiege training offer

		Bl	Or	Th	Pr	Au	Cr
Common core courses							
NANO0001-1	*Seminars on the ethnical and socio-economic aspects of nanotechnology*	B1	Q2	15	15	-	**3**
SMEM0038-1	*Final thesis* - COLLÉGIALITÉ	B1	TA	-	-	-	**27**
Fundamental Phenomena							
BIOC0724-1	*Chemistry of biological macromolecules*	B1	Q2	20	-	-	**2**
ELEN0069-1	*Nanoelectronics / Optoelectronics* (english language) - Benoît VANDERHEYDEN - [40h Proj.]	B1	Q2	30	-	[+]	**5**
PHYS3003-1	*Physics of functional oxides* (english language) - Philippe GHOSEZ	B1	Q1	20	10	-	**4**
PHYS0988-1	*Intrinsic and induced topological properties of matter* (english language) - Bertrand DUPÉ	B1	Q2	20	10	-	**4**
Nanofabrication, nanomanipulation, nanosynthesis							
CHIM9230-1	*Nanomaterials: synthesis, properties and applications* (english language) - AnneSophie DUWEZ, Christine JÉRÔME, Damien SLUYSMANS	B1	Q1	25	-	-	**2**
SYST0020-1	*Introduction to microsystems and microtechnology* (english language) - Tristan GILET, JeanMichel REDOUTÉ - [4h Labo., 20h Proj.]	B1	Q2	24	18	[+]	**5**
CHIM0072-2	*Nanomaterials and divided materials engineering* - Benoît HEINRICHS, Stéphanie LAMBERT	B1	Q1	15	15	-	**3**
Characterization							
CHIM9266-1	*Characterization of nanostructures by scanning probe techniques* (english language) - AnneSophie DUWEZ, Damien SLUYSMANS	B1	Q1	15	-	-	**2**
CHIM9236-2	*Microstructure of materials : characterization techniques* (Odd years) - *Part A* - Catherine HENRIST - *Part B* - Catherine HENRIST	B1	Q2 15 10	 - -	 - -		**2**
CHIM9236-1	*Microstructure of materials : characterization techniques, Part A* - Catherine HENRIST	B1	Q2	15	-	-	**2**
PHYS3037-1	*Nanofabrication : principles and techniques* (english language) - Ngoc Duy NGUYEN, Alejandro SILHANEK	B1	Q2	25	15	-	**4**
Simulations at the nanoscale							
PHYS0981-1	*Quantum modelling of materials properties* (english language) - Philippe GHOSEZ	B1	Q1	20	10	-	**4**
CHIM0725-2	*Modelling molecules and extended systems* (english language) - Françoise REMACLE	B1	Q1	15	-	-	**2**
PHYS3004-1	*Physics of nanomaterials* (english language) - JeanYves RATY	B1	Q2	20	10	-	**4**
Optional courses							
CHIM9217-1	*Application of nanotechnology to develop new medicine*	B1	Q2	10	-	-	**1**

CHIM9233-1	*Molecular logic and quantum computing* (english language) - Françoise REMACLE	B1	Q2	15	-	-	**2**
MECA0008-1	*Microfluidics* (english language) - Tristan GILET - [16h Labo., 14h Proj.]	B1	Q2	22	8	[+]	**5**
SBIM2032-1	*Omics in biomedicine* (english language) - Pascal DE TULLIO, Keith DURKIN, Marianne FILLET, Gabriel MAZZUCCHELLI - [10h APP]	B1	Q2	34	-	[+]	**5**
PHYS0975-1	*Introduction to soft matter and complex systems* - Nicolas VANDEWALLE	B1	Q1	30	-	-	**4**
PHYS3023-1	*Physics of magnetic materials* (english language) - Eric BOUSQUET	B1	Q2	20	10	-	**4**
CHIM0698-1	*Introduction to the Physical Chemistry of Nanomaterials* (english language) - Cédric GOMMES	B1	Q2	20	10	-	**3**
PHYS0987-1	*Physics of materials for energy* (english language) - Ngoc Duy NGUYEN - [15h Proj.]	B1	Q1	20	-	[+]	**4**