

Cycle view of the study programme

Bl Or Th Pr Au Cr

General courses (B1 : 30Cr)

SMEM0040-1	Research master thesis - COLLÉGIALITÉ	B1	TA	-	-	-	28
PHYS3014-1	Physics and chemistry of materials: complements (english language) - COLLÉGIALITÉ - [15h Proj.]	B1	Q1	5	-	[+]	2

Specialised courses (B1 : 30Cr)

Courses totaling 30 credits have to be chosen among: (B1 : 30Cr)

Quantum materials: design and modelling

CHIM9227-1	Quantum Chemistry (english language) - Françoise REMACLE	B1	Q1	30	10	-	4
PHYS3003-1	Physics of functional oxides (english language) - Philippe GHOSEZ	B1	Q1	20	10	-	4
PHYS3004-1	Physics of nanomaterials (english language) - N...	B1	Q2	20	10	-	4
PHYS3023-1	Physics of magnetic materials (english language) - Eric BOUSQUET	B1	Q2	20	10	-	4
CHIM0725-2	Modelling molecules and extended systems (english language) - Françoise REMACLE	B1	Q2	15	-	-	2
PHYS0981-1	Quantum modelling of materials properties (english language) - Philippe GHOSEZ	B1	Q1	20	10	-	4
CHIM9233-1	Molecular logic and quantum computing (english language) - Françoise REMACLE	B1	Q2	15	-	-	2
PHYS0988-1	Intrinsic and induced topological properties of matter (english language) - Bertrand DUPÉ	B1	Q2	20	10	-	4
PHYS3140-1	Magnetism and superconductivity (english language) - Bertrand DUPÉ	B1	Q1	20	10	-	4

Functional materials and nanostructures: fabrication and characterization

CHIM9228-1	Macromolecular Chemistry (english language) - Christine JÉRÔME	B1	Q1	20	15	-	4
CHIM9256-1	Inorganic materials and chemistry (english language) - Nicolas SOMERS, Bénédicte VERTRUYEN - [15h Proj.]	B1	Q1	15	-	[+]	4
CHIM9230-1	Physical chemistry of nanostructures and single molecules (english language) - AnneSophie DUWEZ, Damien SLUYSMANS	B1	Q1	25	-	-	4
PHYS3037-1	Nanofabrication : principles and techniques (english language) - Ngoc Duy NGUYEN, Alejandro SILHANEK	B1	Q2	25	20	-	5
CHIM0752-1	Single-molecule approaches in biology and chemistry (english language) - Damien SLUYSMANS	B1	Q1	25	-	-	4
CHIM9234-1	Polymers and environment, Part A (english language) - Philippe LECOMTE	B1	Q1	15	-	-	2
CHIM9257-1	Introduction to solid state NMR, Part A (english language) - Christian DAMBLON, Philippe LECOMTE	B1	Q1	15	-	-	2
PHYS0987-1	Physics of materials for energy (english language) - Ngoc Duy NGUYEN - [15h Proj.]	B1	Q1	20	-	[+]	4

[...] Up to 10 credits can be chosen as well from other study programmes organized by ULiège (choice to be validated by the local coordinator)