

Cycle view of the study programme

B1 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	B1	Q1	20	-	-	2

Specialised courses (B1 : 30Cr)

Single focus (B1 : 30Cr)

Research focus (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) - JeanYves RATY	B1	Q1	20	10	-	4
PHYS0980-1	(pas organisé en 2023-2024) Spectroscopy of materials (english language)	B1	Q1	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	Q1	20	-	-	2
PHYS0981-1	Quantum modelling of materials properties (english language) - Philippe GHOSEZ, Matthieu VERSTRAETE	B1	Q1	20	10	-	4
CHIM9233-1	Molecular logic (english language) - Françoise REMACLE	B1	Q2	25	-	-	2
PHYS0988-1	Intrinsic and induced topological properties of matter (english language) - Bertrand DUPÉ	B1	Q2	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	Advanced solid state chemistry (english language) - Bénédicte VERTRUYEN	B1	Q1	30	-	-	4
CHIM9230-1	Nanomaterials: synthesis, properties and applications (english language) - AnneSophie DUWEZ, Christine JÉRÔME, Damien SLUYSMANS	B1	Q1	25	-	-	4
PHYS3037-1	Nanofabrication : principles and techniques (english language) - Ngoc Duy NGUYEN, Alejandro SILHANEK	B1	Q2	25	15	-	4
CHIM9266-1	Characterization of nanostructures by scanning probe techniques (english language) - AnneSophie DUWEZ, Damien SLUYSMANS	B1	Q1	15	-	-	2
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
PHYS0982-1	Physics of semiconductors (english language) - Ngoc Duy NGUYEN	B1	Q1	15	-	-	2
PHYS0987-1	Physics of materials for energy (english language) -	B1	Q1	30	-	-	4

HOSEZ, Ngoc Duy NGUYEN

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