

Cycle view of the study programme

	B1	Or	Th	Pr	Au	Cr
General courses (B1 : 30Cr)						
SMEM0040-1 <i>Research master thesis</i> - COLLÉGIALITÉ, N...	B1	TA	-	-	-	28
PHYS3014-1 <i>Physics and chemistry of materials : complements</i> (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 <i>Quantum Chemistry</i> (english language) - Françoise REMACLE	B1	Q1	30	10	-	4
PHYS3003-1 <i>Physics of functional oxides</i> (english language) - Philippe GHOSEZ	B1	Q1	20	10	-	4
PHYS3004-1 <i>Physics of nanomaterials</i> (english language) - JeanYves RATY	B1	Q1	20	10	-	4
PHYS0980-1 <i>Spectroscopy of materials</i> (english language) - Matthieu VERSTRAETE	B1	Q1	20	10	-	4
PHYS3023-1 <i>Physics of magnetic materials</i> (english language) - Eric BOUSQUET	B1	Q2	20	10	-	4
CHIM0725-2 <i>Modelling molecules and extended systems, Partim A</i> (english language) - Bernard LEYH, Françoise REMACLE	B1	Q1	30	-	-	4
PHYS0981-1 <i>Quantum modeling of materials properties</i> (english language) - Philippe GHOSEZ, Matthieu VERSTRAETE	B1	Q1	20	10	-	4
CHIM9233-1 <i>Molecular logic</i> (english language) - Françoise REMACLE	B1	Q2	25	-	-	2

Functional materials and nanostructures: fabrication and characterization

CHIM9228-1 <i>Macromolecular Chemistry</i> (english language) - Christine JÉRÔME	B1	Q1	20	15	-	4
CHIM9256-1 <i>Advanced solid state chemistry</i> (english language) - Bénédicte VERTRUYEN	B1	Q1	30	-	-	4
CHIM9230-1 <i>Nanomaterials, (electro)synthesis and applications</i> (english language) - Christophe DETREMBLEUR, Christine JÉRÔME	B1	Q1	25	-	-	4
PHYS3037-1 <i>Nanofabrication : principles and techniques</i> (english language) - Ngoc Duy NGUYEN, Alejandro SILHANEK	B1	Q2	25	15	-	4
CHIM9266-1 <i>Characterization of nanostructures by scanning probe techniques</i> (english language) - AnneSophie DUWEZ, Damien SLUYSMANS	B1	Q1	15	-	-	2
CHIM9234-1 <i>Polymers and environment, Part A</i> (english language) - Philippe LECOMTE	B1	Q1	15	-	-	2
CHIM9257-1 <i>Introduction to solid state NMR, Part A</i> (english language) - Christian DAMBLON, Philippe LECOMTE	B1	Q1	15	-	-	2
PHYS0982-1 <i>Physics of semiconductors</i> (english language) - Ngoc Duy NGUYEN	B1	Q1	15	-	-	2
PHYS0987-1 <i>Physics of materials for energy</i> (english language) - Ngoc Duy NGUYEN, JeanYves RATY	B1	Q1	30	-	-	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)