Cycle view of the study programme

		Bl	Or	Th	Pr	Au	Cr
General courses (B1 : 30Cr)							
SMEM0040-1	*Research master thesis* - COLLÉGIALITÉ	B1	TA	-	-	-	**24**
PHYS3132-1	*Intellectual property and open innovation in materials science* (english language) - Elodie NAVEAU	B1	Q1	10	5	-	**2**
STRA0048-1	*Innovation project in advanced materials science* (english language) - COLLÉGIALITÉ	B1	Q1	5	30	-	**4**
Focus courses (B1 : 30Cr)							
Single focus (B1 : 30Cr)							
Research focus (B1 : 30Cr)							
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**
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**
Specialised courses, including tutorial and practice							
Courses totaling 10 credits have to be chosen among : (B1 : 10Cr)							
PHYS3014-1	*Physics and chemistry of materials : complements* (english language) - COLLÉGIALITÉ	B1	Q1	20	-	-	**2**
PHYS3004-1	*Physics of nanomaterials* (english language) - JeanYves RATY	B1	Q1	20	10	-	**4**
PHYS0980-1	*Spectroscopy of materials* (english language) - Matthieu VERSTRAETE	B1	Q1	20	10	-	**4**
CHIM0725-2	*Modelling molecules and extended systems, Partim A* (english language) - Bernard LEYH, Françoise REMACLE	B1	Q1	30	-	-	**4**
CHIM9233-1	*Molecular logic* (english language) - Françoise REMACLE	B1	Q2	25	-	-	**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**
CHIM9266-1	*Characterization of nanostructures by scanning probe techniques* (english language) - AnneSophie DUWEZ, Damien SLUYSMANS	B1	Q1	15	-	-	**2**
PHYS0981-1	*Quantum modeling of materials properties* (english language) - Philippe GHOSEZ, Matthieu VERSTRAETE	B1	Q1	20	10	-	**4**
PHYS0982-1	*Physics of semiconductors* (english language) - Ngoc Duy NGUYEN	B1	Q1	15	-	-	**2**
PHYS3023-1	*Physics of magnetic materials* (english language) - Eric BOUSQUET	B1	Q2	20	10	-	**4**
PHYS3037-1	*Nanofabrication : principles and techniques* (english language) - Ngoc Duy NGUYEN, Alejandro SILHANEK	B1	Q2	25	15	-	**4**
PHYS0987-1	*Physics of materials for energy* (english language) - Ngoc Duy NGUYEN, JeanYves RATY	B1	Q1	30	-	-	**4**

PHYS0988-1	*Intrinsic and induced topological properties of matter* (english language) - Bertrand DUPÉ	B1	Q2	20	10	-	**4**