

Block view of the study programme

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Block 1

General courses

SMEM0040-1	<i>Research master thesis - COLLÉGIALITÉ, N...</i>	TA	-	-	-	15
STRA0019-1	<i>Research master thesis (complements) - COLLÉGIALITÉ, N...</i>	TA	-	-	-	15

Focus courses

Single focus

Research Focus

CHIM9227-1	<i>Quantum Chemistry (english language) - Françoise REMACLE</i>	Q1	30	10	-	4
CHIM9228-1	<i>Macromolecular Chemistry (english language) - Christine JÉRÔME</i>	Q1	20	15	-	4
PHYS3003-1	<i>Physics of functional oxides (english language) - Philippe GHOSEZ</i>	Q1	20	10	-	4
CHIM9256-1	<i>Advanced solid state chemistry (english language) - Bénédicte VERTRUYEN</i>	Q1	30	-	-	4
CHIM9230-1	<i>Nanomaterials, (electro)synthesis and applications (english language) - Christophe DETREMBLEUR, Christine JÉRÔME</i>	Q1	25	-	-	4

Courses totaling 10 credits have to be chosen among :

PHYS3014-1	<i>Physics and chemistry of materials : complements (english language) - - COLLÉGIALITÉ</i>	Q1	20	-	-	2
PHYS3004-1	<i>Physics of nanomaterials (english language) - JeanYves RATY</i>	Q1	20	10	-	4
PHYS0980-1	<i>Spectroscopy of materials (english language) - Matthieu VERSTRAETE</i>	Q1	20	10	-	4
CHIM9231-1	<i>Characterization of Biomaterials (english language) - Virginie BERTRAND, AnneSophie DUWEZ, Gauthier EPPE</i>	Q1	15	15	-	4
CHIM9232-1	<i>Biohybrids: theory and modeling (english language) - Françoise REMACLE</i>	Q1	30	-	-	4
CHIM9233-1	<i>Molecular logic (english language) - Françoise REMACLE</i>	Q1	25	-	-	2
CHIM9234-1	<i>Polymers and environment, Part A (english language) - Philippe LECOMTE</i>	Q1	15	-	-	2
CHIM9257-1	<i>Introduction to solid state NMR, Part A (english language) - Christian DAMBLON, Philippe LECOMTE</i>	Q1	15	-	-	2
CHIM9266-1	<i>Characterization of nanostructures by scanning probe techniques (english language) - AnneSophie DUWEZ</i>	Q1	15	-	-	2
PHYS0981-1	<i>Quantum modeling of materials properties (english language) - Philippe GHOSEZ, Matthieu VERSTRAETE</i>	Q1	20	10	-	4
PHYS0982-1	<i>Physics of semiconductors (english language) - Ngoc Duy NGUYEN</i>	Q1	10	5	-	2
PHYS3023-1	<i>Physics of magnetic materials (english language) - Eric BOUSQUET</i>	Q2	20	10	-	4
PHYS3037-1	<i>Nanofabrication : principles and techniques (english language) - Ngoc Duy NGUYEN, Alejandro SILHANEK</i>	Q2	25	15	-	4
PHYS3132-1	<i>Intellectual property and open innovation in materials science (english language) - Elodie NAVEAU</i>	Q1	10	5	-	2
STRA0048-1	<i>Innovation project in advanced materials science (english language) - - COLLÉGIALITÉ, Ngoc Duy NGUYEN</i>	Q1	30	-	-	4