Study programmes 2016-2017

Faculty of Sciences

Master in physics (120 ECTS) (FAME)

Block view of the study programme

		Or	Th	Pr	Au	Cr
Block 1						
General courses						
SMEM0040-1	*Research master thesis* - COLLÉGIALITÉ, N...	TA	-	-	-	**15**
STRA0019-1	*Research master thesis (complements)* - COLLÉGIALITÉ, N...	TA	-	-	-	**15**
Focus courses						
Single Focus						
Research Focus						
CHIM9227-1	*Quantum Chemistry* (english language) - Françoise REMACLE	Q1	30	10	-	**4**
PHYS3003-1	*Physics of functional oxides* (english language) - Philippe GHOSEZ	Q1	20	10	-	**4**
CHIM9228-1	*Macromolecular Chemistry* (english language) - Christine JÉRÔME	Q1	20	15	-	**4**
CHIM9256-1	*Advanced solid state chemistry* (english language) - Bénédicte VERTRUYEN	Q1	30	-	-	**4**
CHIM9230-1	*Nanomaterials, (electro)synthesis and applications* (english language) - Christophe DETREMBLEUR, Christine JÉRÔME	Q1	30	-	-	**4**
Courses totaling 10 credits have to be chosen among :						
PHYS3014-1	*Physics and chemistry of materials : complements* (english language) - COLLÉGIALITÉ	Q1	20	-	-	**2**
PHYS3004-1	*Physics of nanomaterials* (english language) - JeanYves RATY	Q1	20	10	-	**4**
PHYS0980-1	*Spectroscopy of materials* (english language) - Matthieu VERSTRAETE	Q1	20	10	-	**4**
CHIM9231-1	*Characterization of Biomaterials* (english language) - Edwin DE PAUW, MarieClaire GILLET	Q1	15	15	-	**4**
CHIM9232-1	*Biohybrids: theory and modeling* (english language) - Françoise REMACLE	Q1	30	-	-	**4**
CHIM9233-1	*Molecular logic* (english language) - Françoise REMACLE	Q1	15	-	-	**2**
CHIM9234-1	*Polymers and environment* (english language) - Philippe LECOMTE	Q1	15	-	-	**2**
CHIM9257-1	*Introduction to solid state NMR* (english language) - Christian DAMBLON, Philippe LECOMTE, Bénédicte VERTRUYEN	Q1	15	-	-	**2**
CHIM9266-1	*Characterization of nanostructures by scanning probe techniques* (english language) - AnneSophie DUWEZ	Q1	15	-	-	**2**
PHYS0982-1	*Physics of semi-conductors* (english language) - Ngoc Duy NGUYEN	Q1	15	15	-	**4**
PHYS0096-1	*Physics of superconductors* (english language) - Alejandro SILHANEK	Q1	15	-	-	**2**
PHYS3023-1	*Physics of magnetic materials* (english language) - Eric BOUSQUET	Q1	20	10	-	**4**
PHYS0981-1	*Quantum modeling of materials properties* (english language) - Philippe GHOSEZ, Matthieu VERSTRAETE	Q1	20	10	-	**4**