

A single year

Optional courses

LANG0840-1	<i>French, S1 - 1er quadrimestre - ISLV</i>	-	-	-	5
LANG0840-2	<i>French, S2 - 2e quadrimestre - ISLV</i>	-	-	-	5

Erasmus Mundus Fame : Nanomaterials and Modelling

General courses

CHIM9227-1	<i>Quantum Chemistry (english language) - Françoise REMACLE</i>	30	10	-	4
PHYS3003-1	<i>Functional Materials : theory and modeling (english language) - Philippe GHOSEZ</i>	20	10	-	3
CHIM9228-1	<i>Macromolecular Chemistry (english language) - Christine JÉRÔME</i>	20	15	-	4
CHIM9256-1	<i>Advanced solid state chemistry - Bénédicte VERTRUYEN</i>	30	-	-	3
CHIM9230-1	<i>Nanomaterials, (electro)synthesis and applications (english language) - Christophe DETREMBLEUR, Christine JÉRÔME</i>	30	-	-	3

Specialised courses

Courses totaling 13 ECTS have to be chosen among :

PHYS3014-1	<i>Physics and chemistry of materials : complements - COLLÉGIALITÉ</i>	20	-	-	2
PHYS3004-1	<i>Nanomaterials : theory and modeling (english language) - Jean-Yves RATY</i>	20	10	-	3
PHYS3015-1	<i>Electronic and vibrational spectroscopies - Matthieu VERSTRAETE</i>	15	15	-	3
CHIM9231-1	<i>Characterisation of Biomaterials (english language) - Edwin DE PAUW, Valérie GABELICA, Marie-Claire GILLET</i>	15	15	-	3
CHIM9232-1	<i>Biohybrids: theory and modeling (english language) - Françoise REMACLE</i>	30	-	-	3
CHIM9233-1	<i>Molecular logic (english language) - Françoise REMACLE</i>	15	-	-	2
PHYS3005-2	<i>Magnetism and Nanomagnetism (english language) - Raphaël HERMANN</i>	15	10	-	3
CHIM9234-1	<i>Polymers and environment - Philippe LECOMTE</i>	15	-	-	2
CHIM9257-1	<i>Introduction to solid state NMR - Christian DAMBLON, Philippe LECOMTE, Bénédicte VERTRUYEN</i>	15	-	-	2
CHIM9235-1	<i>Characterization of nanostructures - Anne-Sophie DUWEZ</i>	15	-	-	2
PHYS3016-1	<i>Physical characterization of materials and interfaces (english language) - Ngoc Duy NGUYEN</i>	15	15	-	3

Optional courses

LANG0840-1	<i>French, S1 - 1er quadrimestre - ISLV</i>	-	-	-	5
LANG0840-2	<i>French, S2 - 2e quadrimestre - ISLV</i>	-	-	-	5