UCL Université catholique de Louvain

LCHM2252

2015-2016

Selected topics in Physical Chemistry

6.0 credits	45.0 h + 15.0 h

Teacher(s) :	Leyssens Tom ;
Language :	Anglais
Place of the course	Louvain-la-Neuve
Main themes :	Studied topics will differ from one year to another and are selected from the following tentative list: Experimental structural chemistry, Theoretical chemistry, Molecular modelling, Advanced NMR, Applied chemical kinetics, Combustion chemistry, Chemical reactivity theories,
Aims :	The course aims to introduce students to advanced topics in physical chemistry in relation to research projects going on in the chemistry department of UCL. It will complete the education of those students presenting a thesis in physical chemistry. *The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Content :	Adapted to the research projects of those students presenting a thesis in physical chemistry, or upon demand of interested students. Lectures will be led by a team of (eventually invited) teachers active in physical chemistry.
Other infos :	Background: a good knowledge of physical chemistry is required. Physical chemistry I and II (CHM1351, CHM 2150). Evaluation: written exam. Documents: detailed plan of the course and reference books. The course could be partly or totally delivered by an invited lecturer.
Faculty or entity in charge:	CHIM

Programmes / formations proposant cette unité d'enseignement (UE)				
Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Master [120] in Chemistry	CHIM2M	6	-	