UCL Université catholique de Louvain

WMD1105

2015-2016

Chimie générale et minérale

9.0 credits	60.0 h + 30.0 h	1q

Teacher(s) :	Poupaert Jacques ; Rider Mark (coordinator) ;
Language :	Français
Place of the course	Bruxelles Woluwe
Main themes :	The formation is oriented towards problems solving. Formal lessons are given and activities in small groups are organized where numerical chemistry problems are worked out. The topics covered are atomic, ionic and molecular properties, conservation of matter, gas properties, reactivity, thermodynamics, equilibria in aqueous solution and kinetics.
Aims :	The aim of the course is to give a basic knowledge of general chemistry to students oriented towards life sciences. With these lessons, the students should acquire a sound idea of what atoms and molecules are and how they behave. They should be able to use in a proper fashion the basic notions of molecular structure, reactivity, thermodynamics and kinetics. At the end of half an academic year, typical numerical problems of a first year college chemistry course have to be mastered. *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 :	This course corresponds to a typical first year general chemistry course of an anglo-saxon college.
Bibliography :	Reference book : Mc Quarrie & mp; Rock, General Chemistry, W. H.Freeman and co. Eds, New York, Oxford.
Faculty or entity in charge:	MED

Programmes / formations proposant cette unité d'enseignement (UE)

Intitulé du programme	Sigle	Credits	Prerequis	Acquis d'apprentissage
Bachelor in Biomedicine	SBIM1BA	9	-	
Bachelor in Pharmacy	FARM1BA	9	-	