




Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits

30.0 h + 15.0 h

Q1

Teacher(s)	Henriet Patrick ;
Language :	French
Place of the course	Louvain-la-Neuve
Main themes	The major themes are : - atomic and molecular structure of the living matter - fundamental principles for the transformation of the living matter
Aims	<p>1 By the end of the module, students should understand the essential notions in general chemistry and should know the structure and properties of the principal biomolecules underlying human physiology. This knowledge is required for the further understanding of cell biology, biochemistry and exercise physiology. Moreover, it will be helpful in justifying professional educational and re-educational actions.</p> <p>-----</p> <p><i>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".</i></p>
Content	(auteur - titulaire actuel) : P. Henriet 1. INTRODUCTION : AIMS, OBJECTIVES AND METHODOLOGY 2. BASIC NOTIONS : MATTER AND ENERGY 3. ELEMENTARY CONSTITUANTS : ATOMS AND MOLECULES 4. ELEMENT PROPERTIES AND ATOM STRUCTURE 5. CHEMICAL BOND AND MOLECULAR STRUCTURE ET STRUCTURE DES MOLECULES 6. CHEMICAL REACTION 7. WATER AND pH 8. CARBON COMPOUNDS AND ORGANIC FUNCTIONS 9. BIOLOGICAL MACROMOLECULES AND THEIR MONOMERS
Faculty or entity in charge	FSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Physiotherapy and Rehabilitation	KINE1BA	5		
Interdisciplinary Advanced Master in Science and Management of the Environment and Sustainable Development	ENVI2MC	5		
Bachelor in Motor skills : General	EDPH1BA	5		
Master [120] in Environmental Science and Management	ENVI2M	5		