




5.00 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
Learning outcomes	<p>At the end of this learning unit, the student is able to :</p> <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>
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	Learning outcomes
Master [120] in Environmental Science and Management	ENVI2M	5		
Interdisciplinary Advanced Master in Science and Management of the Environment and Sustainable Development	ENVI2MC	5		
Bachelor in Motor skills : General	EDPH1BA	5		
Bachelor in Physiotherapy and Rehabilitation	KINE1BA	5		