


In view of the health context linked to the spread of the coronavirus, the methods of organisation and evaluation of the learning units could be adapted in different situations; these possible new methods have been - or will be - communicated by the teachers to the students.

3 credits

30.0 h + 20.0 h

Q1

Teacher(s)	Soumillion Patrice ;
Language :	French
Place of the course	Louvain-la-Neuve
Prerequisites	<i>The prerequisite(s) for this Teaching Unit (Unité d'enseignement – UE) for the programmes/courses that offer this Teaching Unit are specified at the end of this sheet.</i>
Main themes	Introduction to basic molecules of biochemistry. 1. Amino acids and proteins 2. Carbohydrates 3. Lipids and biological membranes 4. Nucleic acids Function of bio molecules. 1. Structure of proteins 2. Enzymes Notions of molecular biochemistry - Replication of DNA - Transcription of DNA into RNA - Nucleic acid-protein complexes - Biosynthesis of proteins The practical work illustrates the properties of the main classes of biomolecules studied in the theoretical course and initiatee students to a certain number of techniques used currently in biochemistry.
Aims	<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>
Bibliography	<ul style="list-style-type: none"> • Principles of Biochemistry de Lehninger • Biochemistry de Voet et Voet (éditions récentes)
Faculty or entity in charge	CHIM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Bachelor in Biology	BIOL1BA	3	LCHM1111B AND LCHM1141A	
Minor in Scientific Culture	LCUSC100I	3		