


4 credits

30.0 h + 20.0 h

Q1

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| Teacher(s) | Soumilion 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> |
| Faculty or entity in charge | CHIM |

| Programmes containing this learning unit (UE) | | | | |
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| Program title | Acronym | Credits | Prerequisite | Aims |
| Bachelor in Biology | BIOL1BA | 4 | LCHM1111 AND LCHM1141 |  |