

IDENTIFICATION

Course code : E1CP2AA1
ECTS : 1.5

DURATION

Lectures : 8
Tutorial classes : 6
Labs : 4
Total : 18

Project :
Personnal work :

ASSESSMENT

TEACHING MATERIALS

Supports on the Moodle platform.

LANGUAGE

English

CONTACT

Modifié le : 14 juillet 2026

UE : AGROALIMENTAIRE

COURSE : Basis of Biochemistry

SCOPE OF THE COURSE

OBJECTIVES

Know the main constituent molecules of living organisms and their principal biological functions

COMPETENCE AND SKILLS

- To know the structure and main biological functions of nucleic acids
- To know the structure and main biological functions of carbohydrates
- To know the structure and main biological functions of lipids
- To know the structure and main biological functions of amino acids, peptides, and proteins

PROGRAM

- General introduction
- Amino acids, peptides, proteins
- Lipids
- Carbohydrates
- Nucleic acids

BIBLIOGRAPHY

1 *Lehninger Principles of Biochemistry* by Flammarion 2 *Stryer Biochemistry* by Flammarion 3 *Harper's Illustrated Biochemistry* by de Boeck Université 4 *Biochemistry and Molecular Biology* by P. Kamoun, A. Lavoinne and H. de Verneuil, published by Flammarion

REQUIREMENTS

Bases of Biology