


UE Biochemistry 2 : Enzymology and metabolism - BIO439 -

 ECTS
6 crédits

 Composante
Département
de la licence
sciences et
technologies
(DLST)

 Période de
l'année
Printemps (janv.
à avril/mai)

- > **Langue(s) d'enseignement:** Anglais
- > **Ouvert aux étudiants en échange:** Non
- > **Code d'export Apogée:** YAX4BI99

Présentation

Description

This course aims at acquiring the basics of enzymology (catalysis, Michaelis-Menten equation, catalysis mechanisms) and metabolism (glycolysis, Krebs cycle, bacterial metabolism). The TD sessions consist of application exercises of the notions seen in class and the preparation of the TP sessions. The practical sessions concern the learning of the manipulation and characterization of enzymes (purification, spectroscopy).

Heures d'enseignement

UE Biochemistry 2 - CM	CM	19,5h
UE Biochemistry 2 - TD	TD	19,5h
UE Biochemistry 2 - TP	TP	12h

Pré-requis recommandés

Biomolecular constituents of the cell (see BIO131)

Thermodynamics and Chemical Kinetics for biologists (see CHI335)

Période : Semestre 4

Compétences visées

- Demonstrate the ability to synthesise knowledge acquired during the course
- Demonstrate the ability to use knowledge to solve problems.
- Demonstrate the ability to use constructed reasoning, not just the restitution of knowledge
- Demonstrate the ability to manipulate
- Learn to write reports on practical work and the care taken in their presentation.

Infos pratiques

Contacts

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Lieu(x) ville

› Grenoble

Campus

› Grenoble - Domaine universitaire