

UE Driving Experimentation in Biology



ECTS
18 crédits



Composante
UFR de Chimie
et de biologie



Période de
l'année
Automne (sept.
à dec./janv.)

Diplômes intégrant cet élément

- Master Biologie - Santé

› **Langue(s) d'enseignement:** Anglais, Français

› **Ouvert aux étudiants en échange:** Non

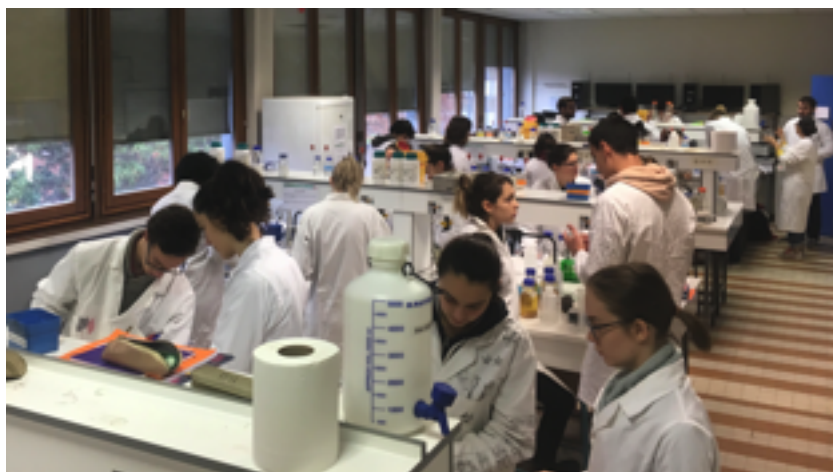
Présentation

Description



This module is based on a project-based pedagogy. Its main objective is to learn how to **design, perform and interpret** experiments. This module develops many personal and professional skills such as reasoning expertise, analysis ability, creativity, adaptation and curiosity. It also gives students the opportunity to learn how to **communicate around their scientific results and to argue their experimental choices**. Beyond this main objective, this module provides an **integrated and transdisciplinary vision of biology** and allows students to break down the barriers of disciplinary learning and to give sense to their academic knowledge. To achieve these goals, we have set up a creative pedagogy based on the use of varied and innovative strategies.

Tutoring sessions (around 3h/student) will help you to define your project, to formulate hypotheses and to design the experimental strategy. The experiments will be planned according to each project and performed during 3 weeks of practical courses.



Heures d'enseignement

CM	CM	3h
TP	TP	150h

Période : Semestre 7

Infos pratiques

Contacts

Responsable pédagogique

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Campus

➤ Grenoble - Domaine universitaire