

UE Chemical development



Niveau d'étude
Bac +5



ECTS
3 crédits



Composante
UFR de Chimie
et de biologie



Période de
l'année
Toute l'année

Diplômes intégrant cet élément

- Master Chimie

- > Langue(s) d'enseignement: Français
- > Ouvert aux étudiants en échange: Oui
- > Code d'export Apogée: YAOS9U42

Présentation

Description

Students will develop knowledge of the chemical development of a bioactive compound in the pharmaceutical or crop science industries, from milligrams to tons: how the discovery chemistry synthesis route evolves into a manufacturing process.

They will develop further skills in analyzing and communicating informations, working individually and in teams.

Course outline:

The chemical development of a bioactive compound is first addressed through an open discussion.

Students then work individually and in small teams to gather informations from selected publications in english. Their reports to the class allow all students to discover important aspects of chemical development.

The topic is later on presented extensively by professionals from the industry (lectures).

Tutorials dealing especially with the safety of chemical processes and the analysis of synthetic routes complete the course.

French is the teaching language.

Heures d'enseignement

CM	CM	18h
TD	TD	15h

Pré-requis recommandés

organic chemistry, thermodynamics, kinetics: bachelor level

Période : Semestre 9

Infos pratiques

Contacts

Responsable pédagogique

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Lieu(x) ville

➤ Grenoble

Campus

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