

UE Lab project



ECTS
6 credits



Component
UFR Chimie-
Biologie

- > **Teaching language(s):** French
- > **Open to exchange students:** No
- > **Code d'export Apogée:** YACH8U28

Presentation

Description

The lab project "organic syntheses" or "Polymer" or "Chemistry of Life Science" is a one-week immersion into the world of research labs. Students will have to focus on specific objectives: total synthesis, synthesis of ligands, synthesis of polymer, asymmetric catalysis ... They will have to carry out bibliography searching, compare the available methods, plan the synthesis (reactants and solvents needed) as well as establishing a suitable retrosynthesis. An important part of characterization of the products will be realised, in particular in the lab project "Polymer".

Course parts

UE Lab project - TP	Practical work (TP)	50h
---------------------	---------------------	-----

Recommended prerequisites

Organic chemistry (Bachelor program).

Period : Semester 8

Skills

Independence, synthetic chemistry techniques (distillation, chromatography, anhydrous/anaerobic conditions), schedule management.

Useful info

Contacts

Program director

Sebastien Carret

✉ Sebastien.Carret@univ-grenoble-alpes.fr

Program director

Anna Dr Szarpak

✉ Anna.Szarpak@univ-grenoble-alpes.fr

Program director

Sabine Chierici

✉ Sabine.Chierici@univ-grenoble-alpes.fr

Place

› [Grenoble](#)

Campus

› [Grenoble - University campus](#)