

# UE Macromolecular Engineering



- > **Langue(s) d'enseignement:** Anglais
- > **Ouvert aux étudiants en échange:** Oui
- > **Code d'export Apogée:** YACH8U25

## Présentation

### Description

The course will present the experimental strategies used to produce macromolecular samples for biophysical, structural studies and biotechnical applications, from bioinformatics analysis to recombinant protein expression systems, automation (robotics), purification and engineering and measurement of sample quality. Expected competences acquired by the students: expertise in bioinformatic analysis of macromolecule sequence and structure, understanding methods and strategies used to express and purify macromolecules, expertise in experimental methods used for sample quality control, practical experience on platforms on the EPN Campus.

### Heures d'enseignement

UE Macromolecular Engineering - TD	TD	15h
UE Macromolecular Engineering - CM	CM	22,5h
UE Macromolecular Engineering - TP	TP	9h

**Période :** Semestre 8

## Infos pratiques

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## Contacts

Responsables pédagogiques

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## Lieu(x) ville

› Grenoble

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## Campus

› Grenoble - Domaine universitaire