UE Computer sciences for life sciences - INF135

ECTS
3 crédits

Composante
Département de la licence sciences et technologies (DLST)

> **Langue(s) d'enseignement:** Anglais

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

> **Code d'export Apogée:** GBX1IN95

Présentation

Description

This is an introduction to the digital tools used in Life Sciences. Students will be introduced to computer vocabulary and the formulation of algorithms to solve problems in biology. This learning will be implemented during practical work sessions on computers.

Heures d'enseignement

Computer sciences for life sciences	Cours magistral - Travaux dirigés	15h
Computer sciences for life sciences	TP	15h

Pré-requis recommandés

Basic computer skills: sending an e-mail, surfing the Internet, writing a text and saving it in a file, managing and filing files

No programming prerequisites

Compétences visées

- Develop the skills to analyse a problem and propose a solution in the form of an algorithm
- Understand the possibilities offered by programming
- Knowing how to express a solution in the words of a computer scientist (to have it coded by a computer scientist)
- To know how the basics of computers, networks and information coding work in order to be able to use different software intelligently and to manage the storage and transfer of files.

Infos pratiques

Contacts

Responsables pédagogiques

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Campus

❯ Grenoble - Domaine universitaire