

# UE Machine learning and Deep learning for health



Niveau d'étude  
Bac +5



ECTS  
3 crédits



Composante  
UFR Pharmacie

- > **Langue(s) d'enseignement:** Anglais
- > **Ouvert aux étudiants en échange:** Non

## Présentation

### Description

The purpose of the course unit is to familiarize yourself with machine learning (ML) and deep learning (DL) algorithms. We will cover the basic principles behind ML and DL algorithms and apply them to textbook datasets as well as to medical ones. The course takes a pragmatic, user-oriented, approach rather than a more theoretical one (aimed at ML&DL researchers). The course unit comprises a series of hands-on tutorials. Knowledge of the Python programming language is a prerequisite for this course (for the hands-on part).

### Heures d'enseignement

UE Machine learning and Deep learning for health - CMTD

Cours magistral - Travaux dirigés

25h

**Période :** Semestre 9

## Infos pratiques

### Lieu(x) ville

- > Grenoble



---

## Campus

› Grenoble - La Tronche domaine de la Merci