

# UE Algorithms Problem Solving



Level  
Baccalaureate  
+4



ECTS  
3 credits



Component  
UFR IM2AG  
(informatique,  
mathématiques  
et  
mathématiques  
appliquées)



Semester  
Automne

- > **Teaching language(s):** English
- > **Teaching method:** In person
- > **Teaching type:** Tutorials
- > **Open to exchange students:** Yes
- > **Code d'export Apogée:** GBX7MO04

## Presentation

### Description

This course has for objectives to develop proficiencies in algorithms analysis and development. The following themes will be handled : dynamic programming, divide and conquer, approximation algorithms, randomized algorithms, advanced data structures.

### Course parts

CMTD	Lectures (CM) & Teaching Unit (UE)	33h
TD	Tutorials (TD)	9h
TP	Practical work (TP)	6h

**Period :** Semester 7

# Useful info

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## Contacts

Program director

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## Place

› [Grenoble](#)

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## Campus

› [Grenoble - University campus](#)