

# UE Programming language and compiler design



Level  
Baccalaureate  
+4



ECTS  
6 credits



Component  
UFR IM2AG  
(informatique,  
mathématiques  
et  
mathématiques  
appliquées)



Semester  
Automne

- > **Teaching language(s):** English
- > **Teaching method:** In person
- > **Teaching type:** Lectures
- > **Open to exchange students:** Yes
- > **Code d'export Apogée:** GBX7MO01

## Presentation

### Description

This module introduces the main concepts available in programming languages to execute a program on a machine. It aims to provide:

- the formal tools allowing to describe (static and dynamic) program semantics;
- the main algorithms and transformation steps implemented within a compiler to produce a sound and correct executable code.

### Course parts

CM	Lectures (CM)	33h
TD	Tutorials (TD)	33h

**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](#)