

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

Contacts

Program director

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Place

› [Grenoble](#)

Campus

› [Grenoble - University campus](#)