

# UE Programming project (OS)



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:** Personal and professional project
- > **Open to exchange students:** No
- > **Code d'export Apogée:** GBX7MO08
- > **Personal working time for the student:** 140

## Presentation

### Description

This project shows the internals of an operating system. We use an emulated operating system: NachOS. The aim is to put into practice the theoretical knowledge obtained during the OS course. In NachOS the students will have the opportunity to program the thread management system, the memory management system, the file system, as well as the network protocols (these represent different stages of the project). NachOS comes as a fully functioning yet very simple OS. Students need to first understand the software and then are invited to incrementally program additional OS treatments. The more time you spend on it, the more fun it is!

**Period :** Semester 7

## Useful info

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## Contacts

Program director

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Program director

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## Place

› [Grenoble](#)

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## Campus

› [Grenoble - University campus](#)