

Master in Computer science

Computer engineering standard 2nd year

Presentation

To view the presentation of the computer engineering standard 2nd year program in French click on the following link : [Parcours Génie informatique classique 2e année](#)

Registration and scholarships

Access conditions

The second year master's is accessible to candidates according to their transcripts (and/or interview) :

- Having validated the first year of a compatible course - or by validating studies or acquired experience according to the conditions determined by the university or the training

Public continuing education : You are in charge of continuing education :

- if you resume your studies after 2 years of interruption of studies
- or if you followed a formation under the regime formation continues one of the 2 preceding years
- or if you are an employee, job seeker, self-employed

If you do not have the diploma required to integrate the training, [you can undertake a validation of personal and professional achievements \(VAPP\)](#)

skin.odf-uga:SKIN_ODF_CONTENT_PROGRAM_CANDIDATURE_LABEL

Do you want to apply and register? Note that the procedure differs depending on the degree considered, the degree obtained, or the place of residence for foreign students.

[Find out which procedure applies to me and apply](#)

Practicals informations :

- > Component : UFR IM2AG (informatique, mathématiques et mathématiques appliquées)
- > level : Bacalaureate +5
- > Duration : 1 year
- > Course type : Initial and Continuing Education
- > Location(s) : Grenoble - University campus

Contacts

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Program administration

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Program

Program under construction - awaiting CFVU
 vote

Master 2nd year

Semester 9

UE ECOM integration project	6 ECTS
UE Principles of agile methods	3 ECTS
UE Communication skills in English	3 ECTS

6 option(s) to choose from 12

UE Expérience Utilisateur (UX) au-delà de la souris, clavier et écran : mobilité et multimodalité	3 ECTS
UE Multimedia documents : automatic description and search	3 ECTS
UE Distributed systems and applications	3 ECTS
UE Wide scale data	3 ECTS
UE Advanced validation techniques/ tests	3 ECTS
UE Principles and techniques of model-driven engineering	3 ECTS
UE Mobile development project	3 ECTS
UE Introduction to cybersecurity	3 ECTS
UE Pervasive Systems Architecture	3 ECTS
UE Communicating embedded systems for the internet of things	3 ECTS
UE Machine Learning	3 ECTS
UE Data analysis, data web and semantic web	3 ECTS

Semester 10

UE Conduct of software projects in companies	24 ECTS
UE Software engineering : testing, architecture, devOps	6 ECTS