

## Master in Computer science

# Communications engineering and data science (CODAS)

## Presentation

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To view the presentation of the Communications and data science engineering program in French click on the following link : [Parcours Communications and data science engineering 1re année](#)

## Registration and scholarships

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The first year of master's degree is accessible on file (and / or interview) to candidates with a national diploma conferring the degree of license in a field compatible with that of the master or via a validation of studies or acquired according to the conditions determined by the university or training. 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 \(VAPP\)](#)

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](#)

## Further studies

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Ph.D.

## Practicals informations :

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- > Component : UFR IM2AG (informatique, mathématiques et mathématiques appliquées), Grenoble INP - Ensimag (Informatique, mathématiques appliquées et télécommunications)
- > level : Bacalaurate +5
- > Duration : 2 years
- > Course type : Initial and Continuing Education
- > Location(s) : Grenoble - University campus

## Contacts

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### Program director

Amini Massih-Reza  
 Massih-Reza.Amini@grenoble-inp.fr

Idani Akram  
 Akram.Idani@grenoble-inp.fr, Akram.Idani@univ-grenoble-alpes.fr

Lachaize Renaud  
 Renaud.Lachaize@grenoble-inp.fr

### Program administration

Duc Bérengère  
 berengere.duc@univ-grenoble-alpes.fr  
 Phone 04.76.63.57.89

Beaujolais Carine  
 carine.beaujolais@univ-grenoble-alpes.fr  
 Phone 04.76.63.57.22

## Program

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Program under construction - awaiting vote  
 CFVU

**UE Database foundations 2**

3 ECTS

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### Master 1st year

#### Semester 7

<b>UE Elective course</b>	4 ECTS
<b>UE Algorithms Problem Solving</b>	3 ECTS
<b>UE Technical writing and speaking</b>	3 ECTS
<b>UE Introduction to Cybersecurity</b>	10 ECTS
<b>UE Principle of Internet</b>	8 ECTS
<b>UE French as a foreign language</b>	3 ECTS

### Master 2nd year

#### Semester 9

#### Semester 10

#### Semester 8

<b>UE Project</b>	6 ECTS
<b>UE Statistical analysis and document mining</b>	6 ECTS
- Statistical analysis and document mining	
- UE Statistical analysis and document mining Complementary	3 ECTS
<b>UE Research methodology</b>	3 ECTS
<b>UE Data base foundations</b>	3 ECTS
<b>UE Digital Transmission from Técnico Lisboa</b>	5 ECTS
<b>UE Foundations of Data Science</b>	3 ECTS