

MASTER OF SCIENCE IN INFORMATICS AT GRENOBLE

MOSIG - 1ST YEAR

Welcome to the 18th promotion!

2026-2027

Gregory Mounié and Thomas Ropars



Welcome to Grenoble and to UGA!



Who are you?

Several academic origins:

- Students from foreign Universities
- University bachelor program (local) - UFR IM2AG and other departments
- Engineering school (local) - ENSIMAG
- Students from other French Universities

We are building MoSIG1 together!

- Communicate and do not hesitate to contact the staff

Why are you here?

The MoSIG curriculum will prepare you for:

A research career within an active international community

- Grenoble is among the world leaders in Informatics research with more than 2,000 academic researchers in ICT!

An industrial career within an international environment

- Most major IT companies are international groups

What is MoSIG?

MoSIG is a joint academic program between **two institutes with Univ. Grenoble Alpes:**

- **Grenoble INP** (Institute of engineering, Univ. Grenoble Alpes), ENSIMAG school
- **UFR IM2AG**: University Department of Mathematics, Applied Mathematics, and Computer Science

A 2-year program:

- First semester: General courses on computer science
- Second semester: Introductory courses on specialized topics
- Third semester: Advanced courses on specialized topics
- Fourth semester: A research internship

Contact information

Academic supervisors of the M1 program (Always contact both together!)

- Thomas Ropars (UFR IM2AG): thomas.ropars@univ-grenoble-alpes.fr
- Grégory Mounié (Ensimag): gregory.mounie@univ-grenoble-alpes.fr
- **Always use your official (academic) email account to contact the staff!**

Administrative supervisors (contact the supervisor of your institute)

UFR IM2AG (UGA)

- Margot Plassais
- margot.plassais@univ-grenoble-alpes.fr
- F005 -- Building F [by appointment]
- Also main contact for exam rules, schedule, etc.

Ensimag

- Natacha Blavoyer
- natacha.blavoyer@grenoble-inp.fr
- C111 -- Building Ampère [by appointment]

Finding us



Building F
IM2AG

Building C
Ensimag

Web sites

For general information about Mosig:

- <https://mosig.imag.fr/>

The web site dedicated to M1 Mosig:

- <https://m1-mosig.gricad-pages.univ-grenoble-alpes.fr>
- This presentation is available on the web site

Programme overview

M1 Semester 1

- 30 ECTS
- **Core Courses**
- Programming project (January)

M1 Semester 2

- 30 ECTS
- **Elective Courses:** Networks, Distributed Systems, 3D Graphics, Robotics, Cryptography, Parallel Algorithms, Operational research, etc.
- **One mandatory course:** Technical Writing and Speaking in English
- **An internship:**
 - 2 half-days per week during the semester
 - 4 weeks full time

Exam periods

1st semester (Semester 7):

- From Monday Nov. 30, 2026 to Tuesday Dec. 8, 2026

2nd semester (Semester 8):

- From Tuesday Apr. 27, 2027 to Wednesday May 5, 2027

Internship defenses:

- From Monday June 7, 2027 to Friday June 11, 2028

2nd session exams:

- From Monday June 21, 2027 to Monday July 5, 2027

Holidays

Periods:

- From Saturday Oct. 24 to Sunday Nov. 1, 2026
- From Saturday Dec. 19, 2026 to Sunday Jan. 3, 2027
- From Saturday Feb. 20, 2027 to Sunday Feb. 28, 2027
- From Saturday Apr. 17, 2027 to Sunday Apr. 25, 2027

In case of doubt, always check ADE and feel free to ask

- **Attendance is required outside of these slots.**

Agenda

Accessible via the web application ADE

- Accessible through your student portal (Leo): <https://leo.univ-grenoble-alpes.fr>
 - Some tutorials are also provided

Temporary access (until your university account is set up)

- https://redirect.univ-grenoble-alpes.fr/ADE_ETUDIANTS_TEMPORAIRE

Academic email

- Your academic mailbox can be accessed via the LEO intranet.
- Reminder: always use your academic email address to contact the University staff.
- Do not redirect your messages to another email provider

Moodle teaching platform

Used by your professors for one or several of the following purposes:

- Providing teaching documents (lecture notes, exercises, labs)
- Sending announcements about a course
- Hosting forums (Q&A) about a course
- Collecting the lab works produced by the students

Please bookmark the following link: [Moodle M1 Mosig](#)

Main events -- First semester

September

- Training weeks (Aug. 26 - Sept 3)
- Start of courses: **September 4**

September - November

- Meeting: Information about research projects (date TBD)
- Meeting: Presentation of second semester courses (date TBD)
- Deadline for choice of your second semester courses (November 15)

December

- Exams (Nov 30 - Dec 8)
- Research Methodology seminars (Dec 9-11)
- Deadline for finding an internship (Dec 18)

December - January

- Full-time programming project (Dec 14 - Jan 22)

Main events -- Secon semester

February

- Start of courses (Jan. 25)
- Start of part-time research project

May

- Second semester Exams (April 27 – May 05)
- Start of full-time period of research projects (May 10)

June

- Defense of research project (June 7-11)
- Final jury for session 1
- Second session exams for 1st semester (June 21-25)

July

- Second session exams for 2nd semester (June 28 – July 5)
- Final jury for session 2 (~July 9)

Training weeks -- Topics and contact

Topics

- Mathematics and logic: Jean-Marc Vincent (jean-marc.vincent@imag.fr)
- Basics of Algorithms: Kim Thang Nguyen (kim-thang.nguyen@univ-grenoble-alpes.fr)
- Programming with C and version control with Git: Grégory Mounié (gregory.mounie@imag.fr)
- Basics of Operating Systems: Thomas Ropars (thomas.ropars@univ-grenoble-alpes.fr)

Agenda

- The agenda is accessible on ADE
 - Your first class is this afternoon (August 26) at 2PM -- Maths
- Communication through the M1 Mosig website

The **regular courses** start on **September 4!!**

Rules to validate the year

Overview of the rules

- Each semester must be validated separately
- For each semester:
 - No course with a (global) grade < 7
 - Global average must be ≥ 10 (Grades are over 20)
- A second session of exams (at the end of the year) allows you to retake exams if you do not validate a semester after the first session

Additional rule

- Your grade for the research project must be ≥ 10

Warning: Even within UGA/IM2AG/Ensimag, the precise rules vary from one program to another.

Evaluation

For each course

- Final exam
- and/or Continuous Assessment

About Continuous Assessment

- May include projects, midterm exams or **lab exams**
- There is no “second session” for the Continuous Assessment grade (You keep your grade)
- Important to inform the teaching staff of the course if you are absent for a midterm (medical reason)
 - We can always find a solution if you are absent for a good reason

Academic honesty and ethics

We take academic honesty & ethics very seriously

This includes:

- Cheating during exams
- Cheating (or excessive collaboration) for lab & homework assignments
- Plagiarism (for code, reports, ideas, etc)

Important advises

- If you have any doubt about what is allowed or not, please ask your teachers **in advance**
- Always indicate the sources from which you have borrowed content/ideas, and precisely describe/identify **what** was borrowed (and **from whom/where**).
- Passive cooperation with cheaters is **your problem too**. Use access control (on internal and external servers) to protect your documents/code against potential theft by others.

A warning about AI

AI-powered assistants (for example, ChatGPT, Bard, GitHub Copilot, etc.) have become very popular tools

Warnings

- **By default, without explicit permission, they are not allowed**
 - In some cases, the usage of these tools can be assimilated to plagiarism or unethical work
 - In some cases, feeding these tools with sensible data (for example, solutions of graded assignments or confidential internship data) is a violation of the university rules
 - What do you learn if the work is done by an AI agent?

For each course/internship, check with teachers/advisors what kind of usage of these tools is allowed

Exam rules

All exams are mandatory

- Any absence must be announced as soon as possible and **justified with an official document** (e.g., medical certificate, visa appointment, etc.).
- In case of sickness, you must provide, **within a delay of 48 hours of the start of the absence**, of a medical certificate to the « service scolarité ».

Exam rules

General instructions for final written examinations:

- Arrive to the exam room 15 minutes before the scheduled start of the examination.
- Admission to the examination room is refused to any student arriving 30 minutes (or later) after of the start of the examination.
- Upon entering the room you must present your student card and sign the attendance sheet
 - You must then take the seat indicated by your number on the list

Communication between students in the exam room is forbidden

- Even when they have returned their answer sheets

The use of mobile phones or any other communication device during the examination is forbidden

- Your phone must be turned off and put in your bag, stored on the other side of the room
- It is forbidden to keep your phone in your pocket

Exam rules

Authorized material

- You must use only material (documents/devices) specified by the professor on the exam guidelines
 - Pay special attention to the details
 - For example: « handwritten notes » means real handwritten notes (original handwritten document – not a copy, not a typeset document – unless explicit permission has been requested and granted)

About the exam sheets

- You must answer all questions using ink (a pen rather than a pencil) and write legibly
- On each answer sheet that you turn in, do not forget to:
 - Write your name and student ID
 - Write the sheet number (example: sheet #1/3)
- In the case of final exams, the answer sheets must be anonymized (via folding + gluing). More details will be provided during exams.

Exam rules

Leaving the room

- When you have finished the examination, or at the end of the allotted time, return to the « surveillant »:
 - all your answer sheets (even the unused ones)
 - all your unused draft sheets
- **It is not possible to leave the room during the first 30 minutes of the exam.**
- After the first 30 minutes of the examination, if you need to leave the exam room for a short break (restroom), ask for permission.
 - Only one student may be out of the room at any time.

IT service of UFR IM2AG

Your primary contact for IT questions

- Both for ENSIMAG and IM2AG students
- Located in building F, in the middle of the second floor (open door next to the printers)
- Detailed presentation to come in a separate slide deck

For an English translation of the « IT charter », see this [document](#)

Optional courses

French courses

- You will be contacted by email
- React to this email if you want to register

(Sports)

Tandem Project

Improve your level in a foreign language with a partner

- A program managed by ENSIMAG
- Optional
- Open to all M1 MoSIG students
- <https://ensimag.grenoble-inp.fr/fr/international/projet-tandem-2>

International Students & Scholars Office (ISSO)



- MUSE building
- Useful source of information/help for your arrival & administrative procedures in France
- Entrypoint Web site: <https://international.univ-grenoble-alpes.fr/english/>
- Useful page: <https://international.univ-grenoble-alpes.fr/getting-organized/the-steps-of-your-stay/>

Information about the Campus and Help Services

Entry point

- <https://etudiant.univ-grenoble-alpes.fr/>

Many information about:

- Housing
- Student jobs
- Financial helps
- etc.

Medical help

Health center(s) for students

- [Some information](#)
- The web site: <https://centre-sante.univ-grenoble-alpes.fr/>

Service Accueil Handicap (SAH)

- Helping students with disabilities (of all kinds) for their pedagogical and daily life
- Web site: <https://etudiant.univ-grenoble-alpes.fr/votre-situation/etudiant-en-situation-de-handicap/etudiant-en-situation-de-handicap-1397164.kjsp>

Gender-based violence, discrimination and harrasment

UGA is stongly committed to fight against all forms of gender-based violence, discrimination and harrasment

- Equality and the fight against discrimination
- A dedicated form for reporting problematic situations

Adaption of studies and exams

- Service Accueil Handicap (SAH) can provide support for adaptation of studies and exams
- [The process to follow](#)
 - You need to fill an online form
 - You will then be offered an appointment with a doctor to assess your situation

Important to start the paperwork ASAP

- It can take several weeks

TODO LIST (NOW!)

- Note the URL for the M1 MoSIG web page: <https://m1-mosig.gricad-pages.univ-grenoble-alpes.fr>
- Sign the attendance sheet
- For new students
 - Sign the IT charter
 - Pick up your credentials for your temporary IT account
- For student with specific situations
 - Please inform us about your case (especially if you work in parallel with your studies)