

Opening Orientation Meeting for the Master of Artificial Intelligence (M2)

Academic year 2026–2027

Monday 14 September 2026

Co-directors:

Silviu MANIU (Professor, UGA)

Dominique VAUFREYDAZ (Professor, UGA)



Administrative and Academic Staff

- ***M2 AI is a joint academic program:***
 - 2 universities: Grenoble INP and UGA
 - 2 schools: Ensimag and UFR IM²AG
 - 2 administrative offices
- **Website:** <https://m-ai.imag.fr/>
- **Academic directors (M2)**
 - Silviu.Maniu@univ-grenoble-alpes.fr (UGA)
 - Dominique.Vaufreydaz@univ-grenoble-alpes.fr (UGA)
- **Administrative contacts**
 - Margot PLASSAIS margot.plassais@univ-grenoble-alpes.fr — scolarité UFR IM²AG, ground floor, Building F
 - Laurie SANIEL laurie.saniel@grenoble-inp.fr — scolarité Ensimag, Building Ampère

Students come from...

- **Master M1 @ UFR IM²AG (Université Grenoble Alpes) and Grenoble INP**
- **Ensimag 3A students, and Master 2 students from other French universities**
- **Master 2 students from outside France**
- **International exchange students from Ensimag and UFR IM²AG**

UGA or INP?

Whether you are registered at Ensimag or UFR IM²AG makes no difference in courses. In either case, you receive a UGA diploma, mentioning the schools of study.

Administrative registration: online (refer to this morning's pedagogical meeting)

M2 AI – UGA students register with *scolarité* UFR IM²AG, ground floor, Building F.

M2 AI – Grenoble INP students register with *scolarité* Ensimag, Building Ampère.

What are you going to study?

- **M2 AI is composed of 2 themes / specializations:**
 - **FAMML** — Foundations and Advanced Methods in Machine Learning
 - **AAIIS** — Applied Artificial Intelligence and Interactive Systems
- **Fall Semester (Semester 9): 30 ECTS**
 - 18 ECTS of courses in your chosen theme
 - 12 ECTS from the other theme or from the cross-disciplinary courses
 - Enter your course choices on the app; timetables must be consistent and enrolment restrictions may apply
- **Key dates for S9:**
 - **Classes: 21 September 2026 until 14 January 2027 (12 teaching weeks)**
 - **Exams: 18–29 January 2027**
 - *"Second chance" / resit exams: week of 12 April 2027*

Theme I — FAMML

Foundations and Advanced Methods in Machine Learning

- **Mathematical Foundations of Machine Learning (6 ECTS)**
 - Theory underpinning modern ML
- **Statistical Learning: from parametric to nonparametric models (6 ECTS)**
 - High-dimensional regression, model selection and assessment, nonparametric prediction, ...
- **Mathematical Optimization (6 ECTS)**
 - Convex analysis and convex programming.
- **Generative, multimodal AI (6 ECTS)**
 - Advanced supervised and unsupervised ML and deep learning for vision, audio and text.
- **Learning, Probabilities and Causality (6 ECTS)**
 - Probabilistic and causal models, interventions and counterfactual reasoning.
- **From Basic Machine Learning models to Advanced Kernel Learning (6 ECTS)**
 - Logistic regression and MLPs through to kernel methods and large-scale kernels.
- **Optimization under uncertainty (6 ECTS)**
 - Markov decision processes, stochastic programming, robust optimization.

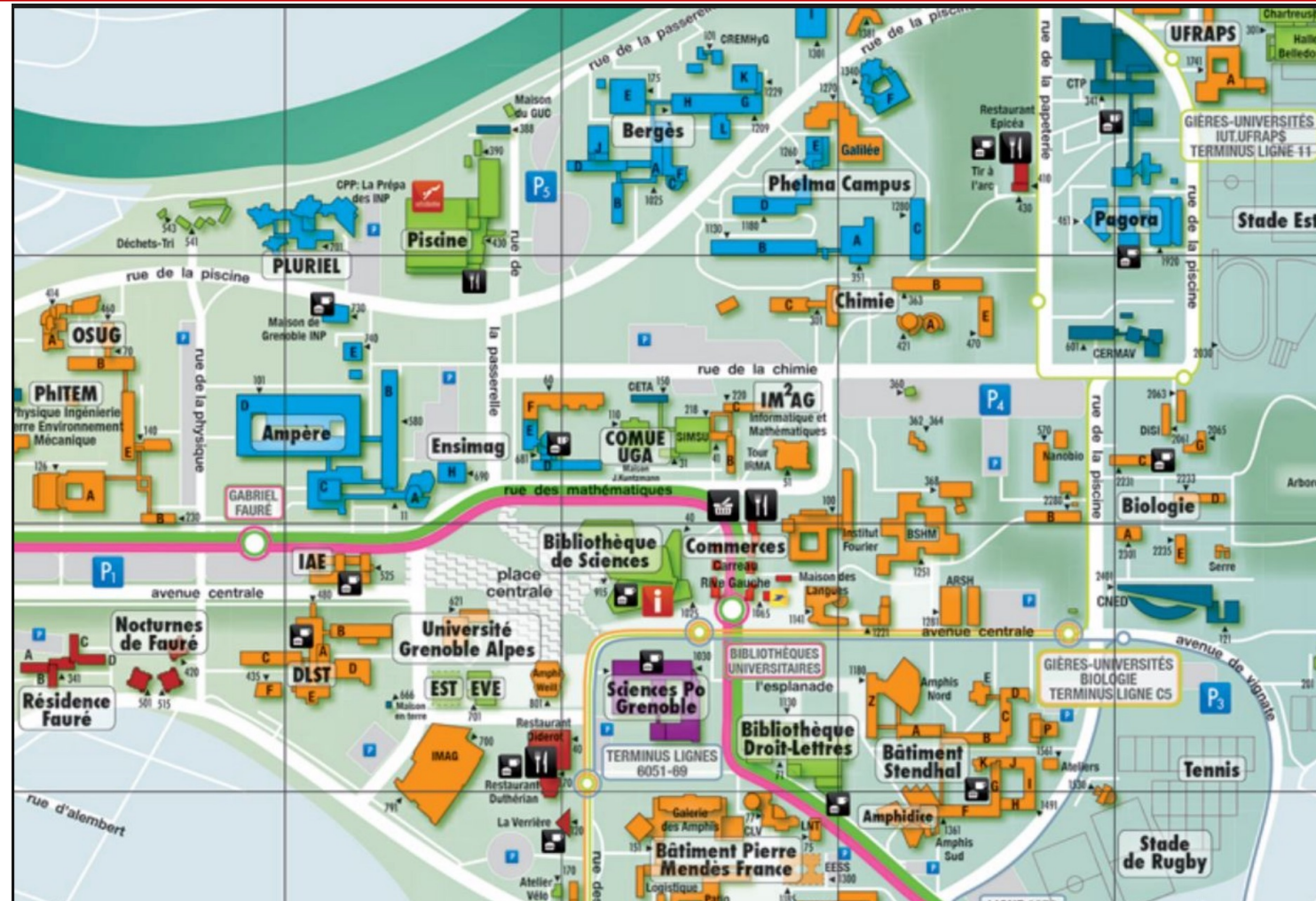
Theme II — AAIIS

Applied Artificial Intelligence and Interactive Systems

- **Natural Language Processing & Information Retrieval (6 ECTS)**
 - Speech and text processing, multimodal large language models, search, recommendation and their evaluation.
- **Computer Vision (6 ECTS)**
 - From light, colour and cameras to state-of-the-art recognition and 3D.
- **Human-Computer Interaction (6 ECTS)**
 - Users' sensorimotor capabilities and the design of efficient interaction.
- **Robotics (6 ECTS)**
 - Perception, decision and action for autonomous systems.
- **Computer Graphics (6 ECTS)**
 - Rendering, geometric modelling and animation.
- **Large-scale Data Management (6 ECTS)**
 - Advanced data model and Big Data systems.

Cross-disciplinary: Advanced models and methods in operations research (6 ECTS) · GPU Computing (6 ECTS)

Fall Semester courses take place at Ensimag buildings



Class schedules: ADE site

Ensimag ADE:

Without login:

<https://edt.grenoble-inp.fr/2026-2027/exterieur>

With login information:

<https://edt.grenoble-inp.fr/2026-2027/etudiant/ensimag>

https://edt.grenoble-inp.fr, select “Students → Ensimag → masters → mai2”. (hint — do NOT click the little box until you reach mai — click the arrow.)

ADE on-line course schedule (WIP) — <https://edt.grenoble-inp.fr/>

SEARCH		s39 21 sept.-27 sept. 2026				
RESOURCES LIST		Lundi 21/09/2026	Mardi 22/09/2026	Mercredi 23/09/2026	Jeudi 24/09/2026	Vendredi 25/09/2026
Students ☐ Ense3 ☒ Ensimag ☐ ingénieurs ☐ masters ☐ codas1 ☐ codas2 ☐ cysec ☐ mai1 ☒ mai2 ☐ mosig1 ☐ mosig2 ☐ msiam2 ☐ orco ☐ rsc1 ☐ rsc2 ☐ Esisar ☐ Formation continue ☐ Génie industriel ☐ Pagora ☐ Phelma ☐ Polytech ☐ Post_Master_01 ☐ Post_Master_02 ☐ Prépa INP Grenoble ☐ Prépa INP Valence ☐ S.mart ☐ alternants ☐ rie2 ☐ x ☐ ~ Etudiants multi-écoles Participants (restricted access) Rooms Equipment Teachings Others Others (restricted access) Category8	07h30- 08h00- 08h30- 09h00- 09h30- 10h00- 10h30- 11h00- 11h30- 12h00- 12h30- 13h00- 13h30- 14h00- 14h30- 15h00- 15h30- 16h00- 16h30- 17h00- 17h30- 18h00- 18h30- 19h00- 19h30- 20h00- 20h30- 21h00- 21h30-	CM 1Advanced mai2,orco Ensimag-C004 VETTIER Nadia CM 1Compute mai2,mosig2 Ensimag-E012-A PUJADES RO CAM CM 1Generative, Multimodal A msiam2 Ensimag-C001 * Enseignant à préciser CM 1Comp mai2,mosig2 Ensimag-E012 CM Robotics mai2,mosig2,orco Ensimag-A022 CM 1Advanc mai2,orco Ensimag-C200 CM 1Generative, Multimodal A msiam2 Ensimag-C001 * Enseignant à préciser CM Robotics_ mai2,mosig2,orco Ensimag-A022-Amphi Louis Néel FRAICHARD Thierry CM Natural Language Process mai2,mosig2,msiam2,orco Ensimag-E012-Amphi E BESACIER Laurent TD Droit et in cysec,if3a,isi3a,m Ensimag-C002 LORPHELIN Mari CTD Facteur H cysec,if3a,isi3a,m Ensimag-C001 EYDIEUX Jeremy CM Natural Language Process mai2,mosig2,msiam2,orco Ensimag-E012-Amphi E CHEVALLET Jean-Pierre CTD Transitions et numerique cysec,isi3a,mai2,mmis3a,mosig2,m Ensimag-C003 DEVAUX Jean-Baptiste	CM Human computer interacti mai2,mosig2,orco Ensimag-C009 COUTRIX Celine CM Human computer interacti mai2,mosig2,orco Ensimag-C009 COUTRIX Celine CM Scient. method. and Perfo codas2,mai2,mosig2,orco Ensimag-C009 LEHRAND Amand	CM Large scale Data Managem codas2,mai2,mosig2,orco Ensimag-C001 MANIU Silviu CM Large scale Data Managem codas2,mai2,mosig2,orco Ensimag-C001 MANIU Silviu		

Internships

- **Spring Semester (Semester 10): Research or professional project (30 ECTS)**
 - Advisor and project chosen by end of January 2027
 - Internship contract (“*convention de stage*”) signed before end February 2027
 - **Summer session:** project defences during the week of 21 June 2027 (*provisional*)
 - **Fall session:** project defences from the week of 30 August 2027 (*provisional*)
 - **Both cases:** report due one week before the internship week

Internships

- **Spring Semester (Semester 10): Research or professional project (30 ECTS)**
 - **You can choose either a professional or a research project, but your subject must be approved by the M2 AI directors**
 - If you choose a project in a company, you must ask a local professor to be your academic tutor
 - If you choose a research project, you must ask a professor to be an external expert (and review your thesis)
 - Once your subject is approved you must choose the session of your defence (June or August/September) – instructions to come later
- **All internship information: <https://m-ai.imag.fr/stages/projects/>**
- **Without these steps your defence will not be scheduled and you will not have the diploma.**

Internship (evaluation)

- **Your internship mark**
 - **accounts for half of your master grade**
 - includes the supervisor's evaluation, the external expert's review (for research projects) and the defence itself
 - **supervisor evaluation includes autonomy, involvement and dynamism**
 - **external expert evaluation covers the structure of the manuscript and judges its research quality**
 - the jury is composed of the jury president, the supervisor and/or the tutor and the external expert; it evaluates the presentation, the research quality of the work and the answers to the questions
- **If plagiarism is found, you can lose your scholarship or at the very least have to repeat your internship.**

Juries

- The Semester 9 jury (March 2027) and the Semester 10 juries (25 June 2027; 16 September 2027) are independent of each other
- **Semester validation**
 - all courses $\geq 10 \rightarrow$ OK!
 - *no course < 7 and semester average above 10 $\rightarrow$ OK! (compensation of course)*
- **You can retake an exam if the course grade is < 10 (you may have to refuse the semester validation)**
- **If you are sick or have another justified reason on the day of an exam, make sure to show a certificate to Margot Plassais (UFR IM²AG) or Laurie Sanie (Ensimag)**

Registration information (all other students)

- Ensimag 3A students
 - follow the normal Ensimag registration procedures
- Erasmus, International Relations
 - follow the normal registration procedures explained by the international relations office
- If you are unsure how to register, ask now

Please come see us at the end of the session if ...

- You did not receive the email for choosing your courses
- You are not yet registered
- You have any other issue

Thank you!

Questions?