

# **Semester 10 - Master Project**

## **Master of Artificial Intelligence 2**

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# Finding your Project (Hints)

- Be Proactive. Choose a subject area that YOU are interested in (Have a periodic look at <http://im2ag-pcarre.e.ujf-grenoble.fr/>),
- Discover the local research groups in that area (google scholar, web, publications);
- Contact local academics. Tell them what YOU want to study. Discuss with them;
- Negotiate a project with a professor or researcher;

# Process

- You can choose either professional or research internship; and, your subject should be approved by master's directors
- If you choose an internship outside Grenoble or in a company you have to ask a professor to be your **tutor**
- Once your subject approved you have to register, by choosing the date of your defense (June or September) and filling this form:

<https://framaforms.org/m2-ai-internships-1757881745>

Without this registration your defense will not be programmed

# Once you have your project and director

- Once your project is validated you need a “*Convention de stage*”.
- The contract is between YOU, your university, and the directors Laboratory or research establishment.
- In many cases, the contract is necessary for a badge, computer account, desk, etc.
- In some laboratories (like LIG, INRIA) you may also need a clearance (**FSD**) which is generally a long process (~1 month).
- Stipend: About 3,8€/hour on the basis of 35h/week. Making it to be typically 530 €/month tax free.

# Conventions for students registered at UFR IM2AG

- Download and complete an information form in English or French: (Forms on at <https://m-ai.imag.fr/stages/projects/>)
- Send the completed form to : [gest\\_stages.im2ag@univ-grenoble-alpes.fr](mailto:gest_stages.im2ag@univ-grenoble-alpes.fr)
- You will receive instructions by email.
- Have your contract signed by the Laboratory or company hosting the project.
- Return the signed form to the UFRIM2AG ([carole.durand@univ-grenoble-alpes.fr](mailto:carole.durand@univ-grenoble-alpes.fr) or [sophie.urbanc@univ-grenoble-alpes.fr](mailto:sophie.urbanc@univ-grenoble-alpes.fr)) for signature by the University.

# Conventions for students registered at ENSIMAG

- Complete an Internship application using <https://stages.grenoble-inp.fr/etud-ensimag> using your INP login
- Wait for confirmation that the subject has been validated.
- Complete the online agreement with additional information (new fields in the form).

# The Master Research and Professional Projects

The masters project is a "mini-thesis".

## Essential Elements of Masters Project

- A clearly defined problem
- Situated within the scientific state of the art
- A proposal for one or more solutions
- Studied by an experiment, implementation or analysis and validated or evaluated by objective measurements

# The Master Report

The report may be written in English or French. It must be

- Well structured: introduction, problem, state of the art, implementation, evaluation, conclusion).
- Well Written: Proper Grammar, paragraph structure, bibliography
- Clear, concise and readable

Ideal Size: 40  $\pm$  10 pages.

**Anti-plagiarism** page after the cover page that has to be signed by you and your supervisor(s).

**Introduction:** Describe context, problem, approach, and results

**Body:** Analysis the problem, state of the art, implementation, experiments

**Conclusions:** Lessons learned, compare predictions to observations.



# The Jury

Jury will be composed of:

- 1) One of the theme's directors.
- 2) Your supervisor
- 3) Your tutor (if internship in a company or outside Grenoble)
- 4) An external expert named by your supervisor.
- 5) The examiner

You must make sure that all jury members receive an electronic copy of the report **a week before** the defense.

# Project Presentation

Dates :

First session: 22 – 25 June 2026

Second session: 31 August – 04 September 2026

**1 hour** per student: **25 minutes** presentation (**we will cut you off at 30 minutes**) Questions: **20 min.** Deliberations: **15 min.**  
**5 min** to install next student.

Practice your presentation!

# Evaluation Criteria

Masters Research Projects are assessed with the following criteria:

- 1) The supervisor's judgement (20%)
- 2) The external reviewer's judgement(20%):
- 3) Defense itself (60%)

Professional Master Projects are assessed with the following criteria:

- 1) The supervisor's judgement (20%)
- 3) Defense itself (80%)

# Doctoral Study

Local (informal) rule. If Masters average (classes and project) is

- > 12 - Automatic admission for a thesis.
- > 11 - Admission if supervisor defends student
- < 11 - Doctoral study is discouraged
- < 10 – Masters degree not awarded.

You are allowed to repeat ONE year of the 2 year program.

Doctoral Supervisor:

- Must have the Habilitation (HDR) or be co-supervised by an HDR
- May be in a research group
- May be in industry.
- In France, Doctoral study should be completed with 36 Months.

# Doctoral Study

Doctoral study in France is for 36 months and must be Grants are for 36 months.

Sources of Doctoral Funding (competition with all areas of Math-Info:

- Ministry (MESR) Grants (approx 4 - 8 students)
- LabEx, IDEX grants (approx 4 - 8 students)
- Research contracts (EU projects, ANR, Industry): 10 to 20.
- Region Rhone-Alpes Doctoral Grants: 1 or 2
- CEA Doctoral Contracts: 1 or 2
- CIFRE (Industrial Research) Grants: 10 to 20 per year

CIFRE Grant: Student is an "CDD" employee of a Corporation. Corporation receives a government subsidy. Student must have an HDR Co-advisor.