

# Master in Life Sciences and Health

## Instructions and guidelines for the for the Scientific Project report

2025

### Presentation of the teaching units Scientific Project and Internship.

During the first Master's year (M1), the students have the possibility to carry out a **Scientific Project** and a practical **Internship**.

For the **scientific project**, students must provide a bibliographical study focused on the research theme of their internship host team, including an introduction of the theme, the objectives of the internship project and the methodologies employed.

This work is monitored by the internship's supervisor(s) by weekly exchanges during 7 weeks\*: from February the 3<sup>rd</sup> to April the 1<sup>st</sup> 2025.

*\* For host laboratories located outside Paris area or abroad, weekly exchanges can take place remotely through email, phone and/or videoconference.*

The scientific project will be evaluated based on a **short report of 10 pages**, written by the student (specific instructions and guidelines below). The SP report is due **by noon on Tuesday April 1, 2025**.

The **practical internship** of **8 weeks** should last from April 14<sup>th</sup> to June 13<sup>th</sup> 2025. The **internship requires a full-time working presence in the hosting laboratory**. It should allow the student to carry out experiments related to his/her research project.

An **internship report** is due at the end of this practical period (submission of the internship report: **Thursday, June 5<sup>th</sup>, 2025 at noon**). The introduction of the internship report will be recycled, in part, by the introduction of the scientific project (with improvements based on the tutor's comments). The report will then be completed by the presentation and discussion of the experimental results obtained during the internship.

A **university tutor**, to be designed soon, will follow the progress of each student and will be in contact with the student and his/her supervisor. Don't forget to schedule a meeting in mid-May between the student, the supervisor(s) and the tutor.

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### Internship defenses

For your information, the oral presentations for the internship will take place in June:

- from Tuesday, June 10 afternoon to Thursday, June 12, 2025 (a detailed schedule will be send soon)
- remote presentations for students conducting their internship abroad of far away from Paris : A Zoom link will be sent to the student and their supervisors.
- on Thursday, June 13 for GBMC platform students (Henri Moissan building, Room 1322).

Supervisors are welcome to attend the defenses and to discuss with the jury afterward.

## The Scientific Project teaching unit

### **Responsables :**

- Prof. Marie-Hélène Cuif : [marie-helene.cuif@universite-paris-saclay.fr](mailto:marie-helene.cuif@universite-paris-saclay.fr)
- Prof. Sébastien Bloyer : [sebastien.bloyer@universite-paris-saclay.fr](mailto:sebastien.bloyer@universite-paris-saclay.fr)

### **Objectives:**

- Define your M1 internship project with your supervisor(s)
- Present your project in a written report

### **Report:**

The quality of the presentation of the report is an important part of the overall assessment of the scientific project. Particular care must be taken in its drafting which must respect the following general guidelines.

### **Writing language**

For students enrolled in the 'Scientific Project' teaching unit (in English), the report must be written in English. For those enrolled in the '*Projet Scientifique*' (in French), it can be written in French or English at your convenience and that of your supervisor(s).

### **Each report will be read and evaluated by a tutor and a scientific expert.**

**The role of the tutor:** A tutor will be designated for each student. He/she will meet the student before mid-May 2025 to share the comments of the reviewers on the "Scientific Project" report. Either the student and/or his/her supervisor(s) will have the opportunity to contact the tutor in case any problem arising during the 'scientific project' or the 'internship' period. The name and e-mail address of the tutor will be communicated soon to the student and his/her supervisor(s) by the managers of your platform.

**General writing guidelines for the Scientific Project report**

This document must be clear and well-structured and should not be written at the last moment. It must be written with special care for the correct spelling and grammar (in French or in English).

- **Cover page** (following the model deposited on e-Campus platform)
- **Table of contents**
- **List of abbreviations** (+ write the full word to the first occurrence in the text)
- **List of 3 to 5 keywords**
- **From 7 to 10 max. single-sided pages of text (excluding figures, tables and excluding bibliography):**
  - Arial 11 font, line spacing 1.5
  - The figures and tables should be clear and always be provided with a legend. They should be presented in front of the text (back of the previous page). All figures and tables have to be numbered and must be quoted in the text. Legends should not be reduced to one line or a title!
  - The pages of the report must be numbered.
- **A brief half-page summary in English on the back cover**

**Plan in 3 parts** (10 pages max.):

The report is a summary exercise that must present:

**I - Introduction to the general scientific context (3-5 pages)**

It presents the general context and the state of the scientific knowledge in which your research project fits. This part, based on the bibliographic analysis and feeding on the discussions with your laboratory supervisor(s), must be set up in way that progresses "*from general to particular*" and logically leading to Part II.

**II - Scientific question(s) and objective(s) of the project (1 page)**

Formulation of the scientific questions you will ask during your internship: Scientific questions should be specific and limited in number.

A short paragraph of a few lines reminding the specific problematic will precede each scientific question that will be addressed.

**III - Methodological and experimental approaches used (3-4 pages)**

This section should describe and justify the experiments that will be implemented to answer each scientific question. You will specify the questions posed by each set of experiments, the controls needed, and the expected results.

**No "Material and Methods" section:** only the experimental principles will be presented, the experimental details will be exposed only if they constitute a critical element in relation to the question asked or a technological development.

• **A list of references** (*'Development'* journal style formatted: including authors, year of publication, article title, journal title, journal number, and page numbers). References should be cited in the text where appropriate.

- One author – (Jones, 1995) or (Jones, 1995; Smith, 1996).
- Two authors – (Jones and Kane, 1994) or (Jones and Kane, 1994; Smith, 1996).
- More than two authors – (Jones et al., 1995) or (Jones et al., 1995a,b; Smith et al., 1994, 1995).

The bibliography should not be exhaustive, but you are expected to have read the articles, journals, grant applications, theses or reports cited.

• **Abstract in English only** (1/2 page, including 3-5 keywords) on the back cover

**Annexes prohibited.**

**SP Report submission deadline: Tuesday, April 1<sup>st</sup>, 2025 at noon**

**Two printed copies** of your scientific project report must be filed to the secretariat of your platform.

In addition, **a PDF version** must be **uploaded on the deposit box on eCampus**.

Please do not send your reports by email in order not to clutter our mailboxes.

	Platform/Internship managers	Email	Secretariat
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<b>Reminder on the organization of the internship</b>
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The internship will run from April 14th to June 13th, 2025.

*(With the possibility of extension by an amendment to the internship agreement)*

- Specific guidelines will be sent in April, to you and your supervisor, for the overall organization of the internship report.
  - The parts I and II of the "Scientific Project" report provide the Introduction of the Internship report. Nevertheless, you can modify these 2 parts to improve them if necessary, taking into account the recommendations of the reviewers that the tutor will present you.
  - Submit the internship report by Thursday, **June 5<sup>th</sup> 2025 at noon.**
  - The oral defense in June will last **20 minutes in total**. The student will have 10 minutes to present his/her work and will be then questioned for about 10 minutes by the members of the committee.
  - The internship supervisor is invited to the defense, if she/he is available. Then, she/he will be invited for a short discussion with the jury after the defense. She/he will have to also fill a skills assessment form that will be sent by email in May.
  - For students abroad, a remote defense, by videoconference, can be organized according to the possible time difference. Please inform us asap to arrange this.
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