

Minor : A.I for the Sciences

DATA@PSL program



Overview

- A unique opportunity to add skills in Machine Learning and Data Sciences skills
- In a close interaction with your major track, from the master to PhD
- Enjoy the diversity of PSL
- Open new perspectives in your scientific fields of interest
- Acquire new methods , new tools to address new challenges

How to

Kick-off:

- Which courses in your present/past curriculum can contribute ?
- Follow the preparatory weeks of [DATA@PSL](#) to upgrade your skills in data sciences

Then:

- Follow intensive weeks of [DATA@PSL](#) to learn how AI can contribute to sciences
- One internship involving data sciences (with additional guidelines for the report)
- Join up a Hackathon

The specific courses

The [DATA@PSL](#) program organizes specific courses to build your minor:

Preparatory weeks allow you to acquire the necessary background in Math and DataScience. Mandatory to follow the rest of the minor.

Intensive weeks gather students with different profiles to tackle a scientific challenge. For example in Genomic, Finance, Physics, ...

Hackathon: within a team, you will practice on real datasets along 10 weeks, with a weekly supervision.

Validation of 30 ECTS

- 2 preparatory weeks (6 ECTS)
- An intensive week (3 ECTS)
- AI and Ethics course (3 ECTS)
- Project / Internship (9 to 12 ECTS)
- Additional courses of your curriculum, approved by the [DATA@PSL](#) program

Contact

- Contact the direction of your master
- The official web site:
<https://bit.ly/39tfHNT>
- Breaking news: data-psl.github.io
- Questions: data@psl.eu