# Cross-cutting program on AI for the Sciences

DATA@PSL **program**

PSL★ UNIVERSITÉ PARIS

## Overview

- A unique opportunity to add skills in machine learning and data science.
- 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:

- What can be taken from your present and past curriculum in the ECTS ?
- Follow the preparatory weeks of DATA@PSL to upgrade your skills in data science.

Then:

- Follow intensive weeks of DATA@PSL to learn how AI can contribute to other sciences.
- Do an internship involving data science (a single but extended report).
- Join up a Hackathon and follow a "Ethics of AI" course.

## 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 data science. Mandatory to follow the rest of the minor (end of August/early September).

**Intensive weeks** gather students with different profiles to tackle a scientific challenge (PSL weeks calendar). For example in genomics, finance, physics, and more.

**Hackathon:** within a team, you will practice on real datasets for 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)
- Hackathon, 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 and contact:
  `data-psl.github.io`