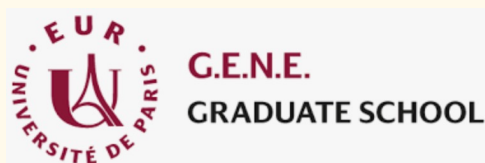


Introduction to Research

Sophie Vriz UPC
Souhila Medjkane UPC



Effectives: all students
Language: English
Prerequisites: No

Where?

Campus UPC

Evaluation:

Evaluation will be based on the poster presentation

Questions:

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Number ECTS: 3 ECTS

Total numbers of hours: 20h

Teaching format:

conferences, scientific symposium with poster session.

Teaching objectives

To introduce students to the fundamentals of research practice, including ethical considerations.
To develop students' abilities to communicate scientific information clearly and effectively through poster presentations and oral seminars.
Participation in scientific conferences to explore ongoing research and foster discussion.
To support students in defining and articulating their professional career plans in academic, clinical, or industrial research.

Teaching outline

- **Research Ethics:** Introduction to **ethical** principles in research, including scientific integrity, data handling, authorship, and conflicts of interest. The course also addresses ethical issues in experimental research involving animals, with an introduction to the **3Rs principles** (*Replacement, Reduction, and Refinement*) as a framework for responsible animal use.
- **Poster Presentation:** Preparation and defense of a scientific poster, emphasizing clarity, synthesis, and public speaking skills.
- **Career Development Support:** Guidance sessions to help students explore and plan their professional trajectory in research-related fields.