

Reading Seminar (or Challenge based learning)

Introducing

Description

During the Reading Seminar, students will work on different bibliographic resources (research articles, books, digital resources) in order to prepare the S8 Research Innovation project. Their objective will be to understand in depth certain mathematical results or to reproduce certain numerical experiments proposed in the articles. They will produce a summary explaining their work in an educational manner and according to precise specifications (summary, citations, elements of evidence, statement of results, production of graphs).

Objectives

At the end of this module, the student will have understood and be able to explain (main concepts):

- Principles and operation of a collaborative work environment
- Project management (PERT, GANTT, WBS)
- Self-evaluation of the results obtained in relation to the objectives.

The student will be able to:

- Produce a synthesis of the results of a research article
- Carry out relevant bibliographic research to deepen the understanding of a mathematical result (theoretical or numerical)
- Work collaboratively in a small group
- Use bibliographic and digital collaborative tools

Évaluation

L'évaluation des acquis d'apprentissage est réalisée en continu tout le long du semestre. En fonction des enseignements, elle peut prendre différentes formes : examen écrit, oral, compte-rendu, rapport écrit, évaluation par les pairs...

Practical info

Location(s)

 Toulouse