

- Faculté des lettres et sciences humaines
- www.unine.ch/lettres

Integrative Models (2LN2210)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en sciences cognitives	Cours: 3 ph	Voir ci-dessous	6

ph=période hebdomadaire, pg=période globale, j=jour, dj=demi-jour, h=heure, min=minute

Période d'enseignement:

- Semestre Automne

Equipe enseignante

Course coordinator : Prof. Diana Mazzarella, diana.mazzarella@unine.ch

Lecturers: Prof. Adrian Bangerter, Prof. Redouan Bshary, Prof. Fabrice Clément, Prof. Louis de Saussure, Prof. Diana Mazzarella, and Prof. Klaus Zuberbühler.

Contenu

The course "Integrative Models" offers an overview of key topics in cognitive science from an interdisciplinary perspective. Students are introduced to key findings in animal cognition and communication, and learn how insights from linguistics, pragmatics, interactional psychology, and developmental psychology contribute to understanding how humans make sense of their social world. By integrating approaches across disciplines, the course provides students with conceptual tools to analyse how cognition, communication, and social understanding co-evolve and interact across development and species.

Each lecturer will lead one or two sessions with the objective of presenting a specific research domain and discussing its integration into cognitive science.

The last three sessions will be dedicated to student presentations.

Forme de l'évaluation

Essay, due on January 31st. Failure to comply with the deadline results in a FAIL.

Students are required to choose their essay topic by mid-November. Topics can be selected from a list (available on Moodle). Depending on the topic, students will be assigned a supervisor among the lecturers of this class. The supervisor will provide guidance and bibliographical suggestions for essay writing. Students are responsible for contacting their supervisor and informing her/him of their progress before submission.

Policy on the use of generative AI for the essay assignment

Generative Artificial Intelligence (AI) tools (e.g., ChatGPT) may only be used for language improvement purposes (grammar, style, clarity of expression).

Declaration requirement: Any use of generative AI must be explicitly declared in the submitted essay (e.g., in a short statement at the end of the document: "This essay has been revised with the assistance of [tool name] for grammar/style.").

Scope of permitted use: Generative AI may not be used for idea generation, argument development, or content creation. The intellectual and analytical work of the essay must remain the student's own.

Submission requirement: Students who use generative AI for language improvements must also submit the original version of their essay (before AI revision), alongside the final version.

Failure to comply with this policy will be considered a violation of academic integrity rules and result in a FAIL.

The supervisor reserves the right to organise an additional oral assessment if there is any doubt about the authorship or originality of the essay.

Modalités de rattrapage

Essay, due on June 30th.

Documentation

A list of recommended readings will be made available by each lecturer.

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Forme de l'enseignement

Lectures (10 sessions) and student presentations (3 sessions)

Objectifs d'apprentissage

Au terme de la formation l'étudiant-e doit être capable de :

- Review relevant literature in cognitive science.
- Synthesise complex empirical data.
- Discuss key questions in the domain of cognitive science.
- Establish explicit links between disciplines in cognitive science.
- Write a well-structured essay on a selected topic in cognitive science.

Compétences transférables

- Integrate distinct disciplinary approaches.
- Communicate your research work clearly.
- Explore complex topics.