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

Methods in cognitive science I (2LN2316)

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Master en sciences cognitives	**Cours: 6 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

Jennifer McClung
Radu Slobodeanu

Contenu

The first part of the course will cover basic experimental design and implementation that will allow students to conduct their own research. A variety of observational and experimental methods used in different areas of cognitive science will be discussed and practically employed, such as questionnaires, eye-tracking, ethograms, and acoustic analysis. Classic studies employing these methods will be analysed for the efficacy and rigour of their designs, and students will be required to use said methods to construct their own designs which will be discussed in class.

The second part of the course will cover data management and analysis using spreadsheet software and the statistical package R. The course will provide an introduction to graphical presentation of data and statistical inference, including correlation, regression, analysis of variance, non-parametric methods and ordination methods.

Forme de l'évaluation

- Methods essay (graded)
- Continuous assessment with statistical and data management exercises (graded)
- Final class presentation (pass/fail)

NB: work that is not submitted by the required deadline, without good cause, will not be accepted and will automatically result in a fail for that given assessment.

Forme de l'enseignement

Lectures, methods and data practicals