

- Faculté des lettres et sciences humaines
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## **Methodological Foundations (2AN2111)**

Filières concernées	Nombre d'heures	Validation	Crédits ECTS
Pilier principal M A - sciences du langage et de la communication	Cours: 2 ph	Voir ci-dessous	5
Pilier secondaire M A - sciences du langage et de la communication	Cours: 2 ph	Voir ci-dessous	5

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

#### Période d'enseignement:

· Semestre Automne

#### Equipe enseignante

David Correia Saavedra

#### Contenu

In this class, master students will learn the methodological foundations for conducting linguistic research through the analysis of corpora and through psycholinguistic experiments.

When linguists have a research question, they analyze data to test their hypotheses. In this class, you will learn how to do this yourself. The course will introduce you to corpus-based and experimental methods. For the analysis of corpora, we will use a concordancing program (Antconc), with which we can extract words and patterns from digital text collections. You will learn how to write regular expressions and how to use corpus-based methods such as collostructional analysis. In order to carry out psycholinguistic experiments, we will use a professional computer program (Superlab) that allows us to design lexical decision tasks, self-paced reading experiments, picture naming tasks, and several other research designs. You will learn how to put together an experiment, how to collect data from a set of participants, and how to analyze the data that you collected. In sum, this class will give you practical insights into how linguists do their work.

## Forme de l'évaluation

Two tasks will determine the grade for this seminar.

First, the class requires active participation: be prepared, be present, and contribute to discussions and classroom work (20% of the final grade).

Second, you will carry out an independent research project at the end of the class. This project involves the preparation of an experiment, carrying it out with a set of participants, and analyzing the collected data (80% of the final grade).

### Modalités de rattrapage

Rattrapage: Failure to reach 60% of all possible credit points will incur a rattrapage of an essay of about 15 pages (6,000 words) on an assigned topic. The essay has to be handed in before the start of the new semester.

#### Documentation

Readings will be distributed via Moodle.

## Pré-requis

The course is intended for MA students. English language skills are necessary.

## Forme de l'enseignement

This seminar will require active student participation during discussions and regular attendance.

In case of a "bascule à distance", the course will be streamed and recorded. The assignments will remain the same but will be adapted to the online format: discussions and classroom work will be held on Webex.

## Objectifs d'apprentissage

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

- Interpret the findings of empirical linguistic research
- Analyse corpus data





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- Describe and discuss different aspects of linguistic research methodology
   Design a psycholinguistic experiment, using specialized software
   Analyse the results of a psycholinguistic experiment

## Compétences transférables

- Generate new ideas
- Apply knowledge to new situations
  Express disapproval at various aspects of linguistics and life in general
- Communicate in a second language