



- Basic data analysis techniques for quantitative and qualitative data.
- Results and pedagogical implications

This subject consists of a combination of theory, analysis of examples from recently published research, exercises and moments of discussion during class. At the start of the academic year in which this course is taken, the programme provides students with a list of possible thesis topics and supervisors. As part of this course, students choose a topic that is the starting point for their Master thesis.

### **Initial competences**

Having obtained a degree of 'Bachelor in Applied Linguistics' or 'Bachelor in Language and Literature', or acquired the final competencies in another way.

### **Final competences**

- 1 Be able to name and distinguish different types of studies, designs and data collection techniques and use appropriate methodological terminology.
- 2 Know the structure of a research report.
- 3 Be able to select appropriate literature in relation to an educational research question.
- 4 Formulate appropriate research questions for educational research on language, language acquisition and language didactics.
- 5 Understand and apply the deontological aspects associated with data collection in an educational context.
- 6 Selecting appropriate data collection techniques and methods for quantitative research
- 7 Selecting appropriate data collection techniques and methods for qualitative research
- 8 Be able to justify and evaluate the appropriateness of research methods in relation to a specific research question.
- 9 Be able to apply basic principles of data analysis and interpretation in the context of educational research.
- 10 Formulate adequate pedagogical implications based on a study's research findings and design.

### **Conditions for credit contract**

Access to this course unit via a credit contract is unrestricted: the student takes into consideration the conditions mentioned in 'Starting Competences'

### **Conditions for exam contract**

This course unit cannot be taken via an exam contract

### **Teaching methods**

Group work, Seminar, Independent work

### **Extra information on the teaching methods**

- Students participate in classes and prepare assignments in Ufora. The teaching materials are available in Ufora and consist of theory, exercises and assignments.
- Students receive feedback through Ufora and during interactive teaching moments.
- Online exercises are present in Ufora. Students receive immediate feedback on their answers. The exercises encourage further processing of the lesson content.
- Students prepare individual or group exercises during class and report on them.
- No lecture recordings will be made available.

### **Study material**

Type: Handouts

Name: learning materials on Ufora

Indicative price: Free or paid by faculty

Optional: no

Language : English

Available on Ufora : Yes

Online Available : Yes

Available in the Library : No

Available through Student Association : No

Usability and Lifetime within the Course Unit : not applicable

Usability and Lifetime within the Study Programme : intensive  
Usability and Lifetime after the Study Programme : occasionally

## References

In addition to the slides (theory, applications and examples of published research), we also use chapters from:

- Baarda et al (2017). *Basic book of methods and techniques. Quantitative practice-based research on a scientific basis*. Noordhoff Publishers.
- Mackey, A. & Gass, S. (2016). *Second Language Research. Methodology and design*. New York: Routledge.
- McKinley, J. & Rose, H. (2019). *The Routledge Handbook of Research Methods in Applied Linguistics*. New York: Routledge.

We also use recently published studies from the field.

All teaching materials are made available through Ufora.

## Course content-related study coaching

Students receive support and feedback via Ufora, during sessions, via e-mail or by appointment.

## Assessment moments

end-of-term and continuous assessment

## Examination methods in case of periodic assessment during the first examination period

Written assessment

## Examination methods in case of periodic assessment during the second examination period

Written assessment

## Examination methods in case of permanent assessment

Participation, Assignment

## Possibilities of retake in case of permanent assessment

examination during the second examination period is possible in modified form

## Extra information on the examination methods

Evaluation based on an assignment and a written (open-book) exam.

Assignments: students select appropriate references for a literature review in relation to the topic of the master thesis. Students analyze the literature and provide a written report.

## Calculation of the examination mark

- Continuous assessment: 20% assignment and participation (attendance during class is therefore recommended)
- Exam: 80%

## Facilities for Working Students

Possibility of exemption from attendance for certain parts with substitute assignments. Attendance is required for some class sessions.