Aim of the course

Aim of the course: This course aims at overviewing the most important methods of developmental research, namely, the special role of observation in developmental psychology.

Learning outcome, competences

knowledge:
- Knowledge on the most important models of development
- Current methods and main objectives in Developmental research

attitude:
- Utilisation of knowledge in scientific communication, presentation

skills:
- Skills of applying main methods
- Skills of identifying adequate methods for developmental problems

Content of the course

Topics of the course

- Methodology of observation:
  - design;
  - selection of categories;
  - quantitative attributes of observational variables;
  - methods of recording;
  - instruments;
  - reliability;
  - evaluation.

- Experiments in developmental research.
  - The natural and the quasi experiments.
  - Cross-sectional and longitudinal strategy, and the possibilities of their combination.
  - Data analysis.
  - Interpretation of results - mediator and moderator effect.

Learning activities, learning methods

Lectures and interactive discussions

Evaluation of outcomes

Learning requirements, mode of evaluation, criteria of evaluation:

requirements
- Reliable basic knowledge in the domain of neuroscience and neuroanatomy

mode of evaluation: examination and practical course mark

criteria of evaluation:
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Reading list

Compulsory reading list


Recommended reading list
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