



Our Bachelor's Level Courses (B.Sc.)

In the following, you will find an overview of the courses offered during the winter and summer semester. The winter semester lasts from mid-October to mid-February (including a two-week Christmas break); the summer semester lasts from mid-April to mid-July (including a one-week Pentecost break). Information about course type (lect = lecture, ca. 150 students; sem = seminar, ca. 20 - 30 students; psem = project seminar, ca. 10 students) and work load (h/w = duration of course (hours per week), p = ECTS points) is given in brackets. Additional key words describe the main course contents. Please keep in mind that our courses are almost entirely offered in German. Nevertheless, it is possible to take the exams in English.

WINTER SEMESTER COURSES

Research Methods and Psychological Assessment

► **Lectures**

- ▷ **Statistics I** (lect | 2h/w | 5 p)
Data scales; bivariate correlation; chi-square test; t-test; univariate ANOVA
- ▷ **Research Methods** (lect | 2h/w | 4p)
Overview of psychological research methods such as (quasi-)experiment, field experiment, field study, survey research, psychophysiological research
- ▷ **Experimental Psychology** (lect | 2h/w | 4p)
Experimental design (e.g., between vs. within); variables (e.g., independent, dependent, control); hypothesis testing, effect size

- ▷ **Psychological Assessment** (lect | 2h/w | 4p)
Assessment techniques (observation, interview, questionnaire, and testing); individual vs. group diagnostics; behavior vs. disposition diagnostics

► **Seminars**

- ▷ **Journal Club** (sem | 2h/w | 4p)
Critical reading and evaluation of psychological papers in selected fields of study

- ▷ **Introduction into Data Analysis** (sem | 2h/w | 3p)
Analysis of real data with SPSS (descriptive statistics, bivariate correlation; chi-square statistics; t-test; univariate ANOVA)

▶ **Project Seminars**

- ▷ **Behavioral Observation** (psem | 2h/w | 4p)
Criteria of scientific observation; overt vs. covert behavior; reliability and validity of observations
- ▷ **Empirical Training** (psem | 2h/w | 3,5p)
Planning of an empirical study; data collection; hypothesis testing; poster presentation of empirical results

General & Biological Psychology

▶ **Lectures**

- ▷ **Sensation and Perception** (lect | 2h/w | 3,5p):
Principles of sensation; psychophysics; selective attention; perceptual organization and interpretation; perceptual illusions
- ▷ **Learning and Memory** (lect | 2h/w | 3,5p):
Classical and operant conditioning; learning by observation; short and long term memory; implicit and explicit memory; forgetting
- ▷ **Motivation and Emotion** (lect | 2h/w | 3,5p):
Drives and motives; hierarchy of motives, achievement and affiliation; emotion and cognition; expressed emotion; emotion regulation
- ▷ **Biological Psychology I** (lect | 2h/w | 3,5p):
Peripheral and central nervous system; development and plasticity of the brain; endocrine system; sensory system; behavioral genetics

▶ **Seminars**

- ▷ **Cognitive and Biological Basics of Psychology** (sem | 2h/w | 5p):
Various in-depth courses in Sensation & Perception, Learning & Memory, and Biological Psychology

Intra- & Interpersonal Processes

▶ **Lectures**

- ▷ **Developmental Psychology II** (lect | 2h/w | 3,5p):
Physical, cognitive, and social development in adulthood; coping with age-related impairments and losses; aging and society
- ▷ **Differential Psychology & Personality II** (lect | 2h/w | 3,5p):
Individual differences in specific psychological responses (response styles) and behaviors (behavior patterns)
- ▷ **Social Psychology I** (lect | 2h/w | 3,5p):
Social influence; attitude and stereotype formation; pro- and antisocial behaviour; coping with interpersonal conflicts

► **Seminars**

- ▷ **Basics of Intra- and Interpersonal Processes** (sem | 2h/w | 5p):
Various in-depth courses in Developmental, Differential, and Social Psychology

Applied Psychology

► **Lectures**

- ▷ **Work and Organisational Psychology II** (lect | 2h/w | 4p):
Leadership and interaction processes in organisations; employee recruitment and assessment; employee and organisational development
- ▷ **Clinical Psychology I** (lect | 2h/w | 4p):
History of clinical psychology; psychological disorders; classification systems; epidemiology
- ▷ **Pedagogical Psychology II** (lect | 2h/w | 4p):
Socialization agents (e.g., siblings, parents, peers); educational institutions (e.g., playschool, school, high school); lifelong learning

► **Seminars**

- ▷ **Selected Topics in Work and Organisational Psychology** (sem | 2h/w | 6p):
Various in-depth courses in Industrial and Organizational Psychology

► **Project Seminars**

- ▷ **Interview Techniques** (psem | 2h/w | 5p):
Human communication; different types of questioning; active listening; paraphrasing and summarizing

SUMMER SEMESTER COURSES

Research Methods and Psychological Assessment

► **Lectures**

- ▷ **Statistics II** (lect | 2h/w | 5p):
ANOVA (including contrast analysis and post hoc analysis); sample size calculation; effect size calculation; power analysis
- ▷ **Test Theory and Test Construction** (lect | 2h/w | 4p):
Test construction (classical test theory; item response theory); test reliability and validity; norms and test standardization

► **Seminars**

- ▷ **Introduction into Data Analysis** (sem | 2h/w | 3p)
Analysis of real data with SPSS (descriptive statistics, bivariate correlation; chi-square test; t-test; univariate ANOVA)

► **Project Seminars**

- ▷ **Behavioral Observation** (psem | 2h/w | 4p)
Criteria of scientific observation; overt vs. covert behavior; reliability and validity of observation studies

- ▷ **Empirical Project Work** (psem | 2h/w | 3,5p):
Critical reading of (non-) experimental studies; evaluation of psychological interventions
- ▷ **Achievement and Personality Measurement** (psem | 2h/w | 4p):
Intelligence; creativity; attention and memory; big five and other psychological traits

General & Biological Psychology

► Lectures

- ▷ **Language and Thinking** (lect | 2h/w | 3,5p):
Language structure; language development; thinking with (and without) language; problem solving; judgement forming; decision making
- ▷ **Biological Psychology II** (lect | 2h/w | 3,5p):
Movement; emotional behavior; reproductive behavior; wakefulness and sleep; biology of cognitive functions (e.g.; learning and memory)

► Seminars

- ▷ **Cognitive and Biological Basics of Psychology** (sem | 2h/w | 5p):
Various in-depth courses in Sensation & Perception, Learning & Memory, as well as Biological Psychology

Intra- & Interpersonal Processes

► Lectures

- ▷ **Developmental Psychology I** (lect | 2h/w | 3,5p):
Behavioural genetics; physical, cognitive, and social development in infancy, childhood, and adolescence
- ▷ **Differential Psychology & Personality I** (lect | 2h/w | 3,5p):
History of personality; state vs. trait; individual differences in temperament, motivation, and affect-regulation; self-regulation and coping
- ▷ **Social Psychology II** (lect | 2h/w | 3,5p):
Group behaviour; helping behaviour; love and relationship; decision making; consumer behaviour

► Seminars

- ▷ **Basics of Intra- and Interpersonal Processes** (sem | 2h/w | 5p):
Various in-depth courses in Developmental, Differential, and Social Psychology

Applied Psychology

► Lectures

- ▷ **Work and Organisational Psychology I** (lect | 2h/w | 4p):
Impact and effects of work; work analysis, work design
- ▷ **Clinical Psychology II** (lect | 2h/w | 4p):
Basics of clinical psychological consulting and psychotherapy; health psychology; prevention and rehabilitation

- ▷ **Pedagogical Psychology I** (lect | 2h/w | 4p):
Socialization and education; teaching and learning processes; development and evaluation of learning programs and educational systems

▶ ***Seminars***

- ▷ **Selected Topics in Clinical Psychology** (sem | 2h/w | 6p):
Various in-depth courses in Clinical Psychology
- ▷ **Selected Topics in Pedagogical Psychology** (sem | 2h/w | 6p):
Various in-depth courses in Pedagogical Psychology