Module Guide for the Study Path

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- **diagnostic work experience** *(PY2610-KP05, KlinDiag)*
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- **Experimental Psychology** *(PY2800-KP06, ExPra)*

## 5th semester

- **Neuropsychology** *(PY3000-KP08, PY3000, NeuroPsych)*
- **Educational Psychology** *(PY3100-KP06, PY3100, PaedaPsych)*
- **Work and Organisational Psychology** *(PY3200-KP06, PY3200, AuO)*

## 6th semester

- **Bachelor Thesis** *(PY3900-KP12, PY3900, PYBArbeit)*

## arbitrary semester

- **Software Ergonomics** *(CS2200-KP04, CS2200, SoftErgo)*
- **Speech and Language Therapy in Adults** *(GW1110-KP04, LPErw4)*
- **test person** *(PY1400-KP01, PY1400, VPStd)*
- **Work Psychology** *(PY1710-KP04, PY1710, ArbPsy)*
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- **Stimulus programming using Psychtoolbox (PTB) with Matlab®** *(PY2919-KP04, StimPTB)*
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<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
<th>Max. group size:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>every summer semester</td>
<td>4</td>
<td>21</td>
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</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (optional subject), psychology
- Bachelor Psychology before 2016 (optional subject), psychology

**Classes and lectures:**
- Problem-based Learning (lecture, 2 SWS)
- Problem-based Learning (team work, 8 SWS)

**Workload:**
- 80 Hours private studies and exercises
- 40 Hours in-classroom work

**Contents of teaching:**
- Consolidation and application of knowledge in the topics of basic psychology: perception, cognition, learning, motivation and emotion
- Theoretical and methodological basics of problem-based learning
- Systematic literature search
- Written and oral presentation of research

**Qualification-goals/Competencies:**
- Scientific reasoning, thinking and discussing based on realistic problems
- Social competency in discussing and application of knowledge
- Self competency in terms of critical reflection and work with scientific literature
- Self competency in oral and written presentation of research results
- Self-structured knowledge acquisition
- Presenting research topics in easily accessible format and spark interest in science

**Grading through:**
- Presentation
- Poster

**Responsible for this module:**
- Prof. Dr. rer. nat. Ulrike Krämer

**Teacher:**
- Department of Neurology
- Prof. Dr. rer. nat. Ulrike Krämer
- Dr. rer. biol.hum. Tineke Steiger
- Dipl.-Psych. Juliana Wiechert
- Dr. rer. nat., Dipl.-Psych. Daniel Wiswede

**Literature:**

**Language:**
- Offered only in German

**Notes:**
- The module examination is considered passing if it was graded as at least sufficient.
### PY1909-KP04, PY1909 - Phenomenon Memory (PhaenGed)

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<th>Turnus of offer:</th>
<th>Credit points:</th>
<th>Max. group size:</th>
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<td>1 Semester</td>
<td>each summer semester</td>
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<td>10</td>
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</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (optional subject), psychology
- Bachelor Psychology before 2016 (optional subject), psychology

**Classes and lectures:**
- Phenomenon Memory (seminar, 2 SWS)

**Workload:**
- 80 Hours private studies and exercises
- 30 Hours in-classroom work

**Contents of teaching:**
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**Qualification-goals/Competencies:**
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**Grading through:**
- presentation
- B-Certificate (not graded)
- active participation in the exercises

**Responsible for this module:**
- Prof. Dr. rer. nat. Nico Bunzeck

**Teacher:**
- Institute for Psychology I
- Dr. rer. biol.hum. Tineke Steiger

**Literature:**
- :

**Language:**
- offered only in German
## PY2908-KP04, PY2908 - Nutrition psychology (ErnaehrPsy)

| Duration: | 1 Semester | Turnus of offer: | every second semester | Credit points: | 4 |

### Course of study, specific field and term:
- Master Psychology (optional subject), psychology, arbitrary semester
- Master psychology (optional subject), psychology, arbitrary semester
- Bachelor Psychology before 2016 (optional subject), psychology
- Bachelor Psychology since 2016 (optional subject), psychology

### Classes and lectures:
- Nutrition psychology (seminar, 2 SWS)

### Workload:
- 90 Hours private studies and exercises
- 30 Hours in-classroom work

### Contents of teaching:
- Theoretical principles of eating behavior
- Theoretical principles of pathological eating behavior
- Experimental research on the subject of food choice
- Decision-making theories and their link to eating behavior

### Qualification-goals/Competencies:
- The students acquire a good theoretical and experimental knowledge regarding the foundations of eating behavior
- The students extend their knowledge regarding pathological eating behavior, as in bulimia, obesity and type 2 diabetes
- Training of the ability to discuss the subject in its scientific and socio-critical context
- Students will gain access to results of latest experimental research concerning eating behavior

### Grading through:
- presentation
- Group work

### Responsible for this module:
- Prof. Dr. phil. So Young Park

### Teacher:
- Institute for Psychology I
- Prof. Dr. phil. So Young Park

### Literature:
- Diverse: up to date scientific papers

### Language:
- offered only in German

### Notes:
The module examination is considered passing if it was graded as at least sufficient.
# PY2910-KP04, PY2910 - Psychologie in movies (PsychFilm)

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<th>Turnus of offer:</th>
<th>Credit points:</th>
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</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each semester</td>
<td>4</td>
<td>20</td>
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</table>

## Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology

## Classes and lectures:
- Psychologie in movies (seminar, 2 SWS)

## Workload:
- 80 Hours private studies
- 30 Hours in-classroom work

## Contents of teaching:
- Reading of journal articles related to the film content
- Joint discussion of film content with respect to psychological theories

## Qualification-goals/Competencies:
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## Grading through:
- Presentation
- B-Certificate (not graded)

## Responsible for this module:
- Prof. Dr. Sören Krach

## Teacher:
- Department of Neurology
- Clinic of Psychiatry and Psychotherapy
- Institute for Psychology I
  - Prof. Dr. Sören Krach
  - Prof. Dr. rer. nat. Ulrike Krämer

## Literature:
- :

## Language:
- Offered only in German
<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
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<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>4</td>
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</table>

Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology

Classes and lectures:
- Datenanalyse und wissenschaftliches Programmieren mit Matlab (seminar, 2 SWS)

Workload:
- 68 Hours private studies
- 32 Hours in-classroom work

Contents of teaching:

Qualification-goals/Competencies:

Grading through:
- programming exercises

Responsible for this module:
- Prof. Dr. rer. nat. Jonas Obleser

Teacher:
- Institute for Psychology I
- Dr. rer. nat. Mohsen Alavash

Literature:
- :

Languages:
- offered only in German
- German and English skills required
## PY2924-KP04 - Psychoanalysis - science or pseudoscience (Psychoan)

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<tr>
<th>Duration:</th>
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<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>4</td>
<td>20</td>
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</table>

### Course of study, specific field and term:
- Bachelor Psychology before 2016 (optional subject), psychology
- Bachelor Psychology since 2016 (optional subject), psychology

### Classes and lectures:
- Psychoanalysis - science or pseudoscience (seminar, 2 SWS)

### Workload:
- 75 Hours private studies
- 25 Hours in-classroom work

### Contents of teaching:
- Is psychoanalysis a science, pseudo-science or just a system of interpretation? How can psychoanalysis count as a science? The seminar will deal with "Freud debates" in the second half of the 20th century. Starting with original text passages from Freud's written work, we will discuss questions of scientific claims in psychoanalytical thinking as well as the specific character and limitations of psychoanalytical knowledge (Habermas, Ricoeur, Grünbaum). The seminar will offer a co-teaching format with Prof. Dr. Alfred Nordmann (Philosophy, TU Darmstadt) and students of philosophy of the University of Darmstadt.
- In this constellation of philosophy, "Kulturwissenschaften" (cultural sciences) and psychology we will discuss the scientific-theoretical and philosophical implications of psychoanalysis in an interdisciplinary dialogue. We also will focus on the debates about efficacy, efficiency and empirical verifiability in a clinical context.

### Qualification-goals/Competencies:
- Faculty of criticism; theory understanding
- Reflection and discursive delivery on important texts and arguments; epistemology and theoretical foundation of psychology and psychoanalysis
- Critical understanding of texts; reflection of public practice in psychological sciences

### Grading through:
- Presentation
- Essay (graded)

### Responsible for this module:
- Dr. phil. Birgit Stammberger

### Teacher:
- Institute for the History of Medicine and Science Studies

### Language:
- Offered only in German
## PY2925-KP04 - Gefährten. Kulturwissenschaftliche Aspekte der Hund-Mensch-Beziehung (HundMensch)

<table>
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<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>4</td>
<td>20</td>
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</table>

### Course of study, specific field and term:
- Bachelor Psychology before 2016 (optional subject), psychology
- Bachelor Psychology since 2016 (optional subject), psychology

### Classes and lectures:
- Gefährten. Kulturwissenschaftliche Aspekte der Hund-Mensch-Beziehung (seminar, 2 SWS)

### Workload:
- 90 Hours private studies
- 30 Hours in-classroom work

### Contents of teaching:
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### Qualification-goals/Competencies:
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### Grading through:
- presentation
- B-Certificate (not graded)
- further tasks as defined by the lecturer at first lesson

### Responsible for this module:
- Dr. phil. Birgit Stammberger

### Teacher:
- Institute for the History of Medicine and Science Studies
- Dr. phil. Birgit Stammberger

### Literature:
- :

### Language:
- offered only in German
# Module Guide

## PY2911-KP04, PY2911 - Attention (Aufmerksam)

<table>
<thead>
<tr>
<th>Duration:</th>
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<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>4</td>
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</table>

### Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology

### Classes and lectures:
- Attention (seminar, 2 SWS)

### Workload:
- 105 Hours private studies
- 45 Hours in-classroom work

### Contents of teaching:

### Qualification-goals/Competencies:

### Grading through:
- B-Certificate (not graded)

### Responsible for this module:
- Prof. Dr. rer. nat. Jonas Obleser

### Teacher:
- Institute for Psychology I
- Prof. Dr. rer. nat. Jonas Obleser
- Dr. rer. nat. Malte Wöstmann

### Language:
### PY2901-KP04, PY2901 - Evidence-based Clinical Practice in Psychology: Finding of a relevant Study and Applying it (ebkHPsych)

**Duration:** 1 Semester  
**Turnus of offer:** each summer semester  
**Credit points:** 4

#### Course of study, specific field and term:
- Bachelor Psychology before 2016 (optional subject), psychology  
- Bachelor Psychology since 2016 (optional subject), psychology

#### Classes and lectures:
- lecture in evidence-based psychology (lecture with exercises, 2 SWS)

#### Contents of teaching:
- Concept of evidence-based practice in health care and normative framework  
- Systematic literature search, bibliographic databases  
- Critical appraisal of studies in theory and practice  
- Levels of evidence and study designs in (quantitative) clinical research, health services research, and public health research  
- Evidence from qualitative research  
- Systematic reviews and meta-analyses  
- Guidelines, Nationale Versorgungsleitlinien, AWMF

#### Qualification-goals/Competencies:
- Being able to explain the rationale for critical appraisal and its principles  
- Being able to conduct a systematic literature search in MEDLINE / PsycINFO  
- Being skilled in reading and critically appraising original articles  
- Being skilled in conducting a meta-analysis  
- Being able to explain the development of clinical guidelines

#### Workload:
- 90 Hours private studies  
- 30 Hours in-classroom work

#### Grading through:

#### Responsible for this module:
- Prof. Dr. med. Alexander Katalinic

#### Teacher:
- Institute for Social Medicine and Epidemiology  
- Prof. Dr. phil. Matthias Bethge  
- MPH Friederike Hammersen  
- MitarbeiterInnen des Instituts

#### Literature:
- Kunz, Ollenschläger, Raspe et al. (Herausgeber): Lehrbuch Evidenzbasierte Medizin in Klinik und Praxis - Deutscher Ärzteverlag, 2. Auflage 2007  
- Gerhardus, Breckenkamp, Razum et al (Herausgeber): Evidence-based Public Health - Huber: Bern 2010  

#### Languages:
- offered only in German  
- German and English skills required

#### Notes:
- Teaching language is German, texts to work on are mainly in English.  
- Performances are considered as passed, if they are graded at least as □adequate□ (4).
### PY2903-KP04, PY2903 - Practical Course Physiology (PraktPhys)

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<thead>
<tr>
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<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>4</td>
<td>12</td>
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</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (optional subject), psychology
- Bachelor Psychology before 2016 (optional subject), psychology

**Classes and lectures:**
- Practical Course Physiology (practical course as compact course, 2.5 SWS)

**Workload:**
- 80 Hours private studies and exercises
- 40 Hours in-classroom work

**Contents of teaching:**
- Physiological Studies in Men:
  - (A) Analysis of the EEG during waking and sleeping, analysis of event-related potentials (ERP, aEP, P300)
  - (B) General sensory physiology, special sensory physiology (thermoreception, cutaneous mechanosensors, taste, smell, sense of equilibrium)
  - (C) Sense of sight (reflexes of the eye, ophthalmoscopy, perimetry, accommodation, color vision)
  - (D) Sense of hearing (audiometry, auditory orientation in space, voice analysis)
  - (E) Muscle physiology and spinal motor reflexes

**Qualification-goals/Competencies:**
- Students have knowledge about the theory of physiological trials and are able to perform these tests.

**Grading through:**
- Oral examination

**Requires:**
- Human Biology 2: Human Physiology and Anatomy (PY1500)

**Responsible for this module:**
- Prof. Dr. rer. nat. Horst Pagel

**Teacher:**
- Institut of Physiology
  - Prof. Dr. med. Wolfgang Jelkmann
  - Prof. Dr. rer. nat. Horst Pagel
  - Dr. rer. nat. Reinhard Depping
  - Dr. rer. nat. Thomas Hellwig-Bürgel
  - Dr. rer. nat. Kjestine Schmidt

**Literature:**

**Language:**
- offered only in German

**Notes:**
The requirement for the granting of a proof (certificate B, not graded) is a regular participation (not less than 80%).
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<tr>
<th>Duration:</th>
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<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>4</td>
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</table>

### Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology

### Classes and lectures:
- Nonparametric Methods (seminar, 2 SWS)

### Workload:
- 90 Hours private studies
- 30 Hours in-classroom work

### Contents of teaching:
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### Qualification-goals/Competencies:
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### Grading through:
- Continuous, successful participation in seminar (incl. talk)
- B-Certificate (not graded)

### Responsible for this module:
- Prof. Dr. rer. nat. Jonas Obleser

### Teacher:
- Institute for Psychology I
- Prof. Dr. rer. nat. Jonas Obleser
- Dr. rer. nat. Malte Wöstmann
- Dr. rer. nat. Mohsen Alavash

### Literature:
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### Language:
- Will be offered using an audience-oriented mixture of German and English
# Module Guide

**PY2905-KP04, PY2905 - Emotion Regulation (Emreg)**

<table>
<thead>
<tr>
<th><strong>Duration:</strong></th>
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<th>Credit points:</th>
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<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>4</td>
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</table>

## Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology
- Master Media Informatics (optional subject), psychology, arbitrary semester

## Classes and lectures:
- course in emotion regulation (seminar, 2 SWS)

## Workload:
- 90 Hours private studies and exercises
- 30 Hours in-classroom work

## Contents of teaching:
- Emotion regulation: Basics and theoretical models
- Clinical diagnostics of skills for regulating emotions
- Stress management and emotion regulation
- Comparison of different strategies for regulating emotions
- Relevance of emotion regulation for various mental disorders
- Therapeutic interventions to enhance the levels of adaptive emotion regulation skills

## Qualification-goals/Competencies:
- Students are able to define basic concepts of emotion regulation.
- They are able to explain current theoretical models of emotion regulation.
- They are able to compare different strategies of emotion regulation.
- They are able to transfer research findings in the field of emotion regulation to clinical and therapeutic practice.
- They are able to judge original research papers on emotion regulation
- They are able to create a poster for a written and an oral presentation of clinical research findings.

## Grading through:
- presentation
- Poster
- Group work
- leading discussions
- participation in discussions
- active participation in the exercises

## Responsible for this module:
- Prof. Dr. phil. Dipl.-Psych. Michael Hüppe

## Teacher:
- Clinic of Psychiatry and Psychotherapy
- Anna Katharina Josek

## Literature:

## Language:
- offered only in German

## Notes:
A successful participation requires the student's performance to be judged at least
<table>
<thead>
<tr>
<th>PY1000-KP05 - Human Biology (PYHumBiol)</th>
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<tbody>
<tr>
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<tr>
<td><strong>Course of study, specific field and term:</strong></td>
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<tr>
<td>- Bachelor Psychology since 2016 (compulsory), psychology, 1st semester</td>
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<tr>
<td><strong>Classes and lectures:</strong></td>
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<tr>
<td>- ... (lecture, 2 SWS)</td>
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<tr>
<td>- ... (seminar, 1 SWS)</td>
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<tr>
<td><strong>Contents of teaching:</strong></td>
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<tr>
<td><strong>Workload:</strong></td>
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<tr>
<td>- 105 Hours private studies</td>
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<td>- 45 Hours in-classroom work</td>
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<tr>
<td><strong>Grading through:</strong></td>
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<tr>
<td>- written exam</td>
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<tr>
<td><strong>Responsible for this module:</strong></td>
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<tr>
<td>- Prof. Dr. rer nat. Rainer Duden</td>
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<tr>
<td><strong>Teacher:</strong></td>
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<tr>
<td>- Institute for Biology</td>
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<td>- Prof. Dr. rer nat. Rainer Duden</td>
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<tr>
<td><strong>Literature:</strong></td>
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<td><strong>Language:</strong></td>
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<td>- offered only in German</td>
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</table>
# PY1100-KP07 - Developmental Psychology (EP)

## Duration:
1 Semester

## Turnus of offer:
each winter semester

## Credit points:
7

### Course of study, specific field and term:
- Bachelor Speech and Language Therapy (optional subject), psychology, 3rd or 5th semester
- Bachelor Occupational Therapy (optional subject), psychology, 3rd or 5th semester
- Master Media Informatics (optional subject), psychology, arbitrary semester
- Bachelor Psychology since 2016 (compulsory), psychology, 1st semester

### Classes and lectures:
- lecture in Developmental Psychology (lecture, 2 SWS)
- course in Developmental Psychology (seminar, 2 SWS)

### Workload:
- 150 Hours private studies and exercises
- 60 Hours in-classroom work

### Contents of teaching:
- Core concepts, theories and methods in developmental psychology
- Physical development, cognitive development, Piaget, information processing theory, attachment theories, psychosocial development, moral
- Basic scientific approaches and empirical findings on selected aspects of lifespan development and contextual factors
- Prenatal development
- Infancy and toddlerhood
- Early and middle childhood
- Adolescence
- Early and middle adulthood
- Old age and death

### Qualification-goals/Competencies:
- Students will know how to explain and interpret findings in developmental psychology on the basis of different theoretical views
- Students will be able to infer expert knowledge to specific developmental issues
- Students will be able to generate hypotheses in order to explain and predict research questions in developmental psychology
- Students will learn how to assess the validity of empirical studies concerning a variety of problems in developmental psychology

### Grading through:
- written exam

### Responsible for this module:
- Prof. Dr. rer. nat. Nico Bunzeck

### Teacher:
- Institute for Psychology I
- Prof. Dr. rer. nat. Nico Bunzeck
- Dr. rer. biol.hum. Tineke Steiger
- Davina Biel
- M.Sc. Catherine-Noémie Alexandrina Guran

### Literature:
- Berk: Entwicklungspychologie - Pearson Studium, 2011

### Language:
- offered only in German

### Notes:
The module examination is considered passing if it was graded as at least sufficient.
### PY1200-KP07, PY1200 - Basic Psychology 1 (AP1)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>7</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (compulsory), psychology, 1st semester

**Classes and lectures:**
- Basic Psychology 1 (lecture, 2 SWS)
- Basic Psychology 1 (seminar, 2 SWS)

**Workload:**
- 150 Hours private studies and exercises
- 60 Hours in-classroom work

**Contents of teaching:**
- Acquisition of basic knowledge in the topics perception, action, cognition and language
- Teaching of basic ideas, concepts and theories of perception and cognitive psychology
- Learning basic principles of experimental psychology work for planning and conducting experiments
- Understanding and judgment of basic ideas, theories and methods of perception, cognition and language

**Qualification-goals/Competencies:**
- Understanding and ability to apply psychological concepts
- Basic understanding of translating psychological research questions into empirical questions
- Developing scientific reasoning, thinking and discussing based on basic psychological research
- Social competency in discussing and application of knowledge
- Self competency in terms of critical reflection and work with scientific literature
- Ability to structure newly acquired knowledge

**Grading through:**
- written exam

**Responsible for this module:**
- Prof. Dr. rer. nat. Ulrike Krämer

**Teacher:**
- Department of Neurology
- Prof. Dr. rer. nat. Ulrike Krämer
- M. Sc. Miriam Neis

**Literature:**
- Goldstein: Wahrnehmungspychologie - Spektrum, 2007
- Müsseler (Hrsg.): Allgemeine Psychologie - Spektrum, 2007

**Language:**
- offered only in German

**Notes:**
The module examination is considered passing if it was graded as at least sufficient. As coursework successfully dealing with project tasks in the group is provided.
# PY1300-KP06 - Basics of Experimental and Scientific Work (Empirie)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>6</td>
</tr>
</tbody>
</table>

## Course of study, specific field and term:
- Master Auditory Technology (optional subject), psychology, 1st semester
- Bachelor Psychology since 2016 (compulsory), psychology, 1st semester

## Classes and lectures:

<table>
<thead>
<tr>
<th>Workload:</th>
</tr>
</thead>
<tbody>
<tr>
<td>- lecture in basics in statistics I (lecture, 2 SWS)</td>
</tr>
<tr>
<td>- practice in empirical-scientific working (exercise, 2 SWS)</td>
</tr>
<tr>
<td>- 105 Hours private studies and exercises</td>
</tr>
<tr>
<td>- 75 Hours in-classroom work</td>
</tr>
</tbody>
</table>

## Contents of teaching:
- Psychological Science
- Features of the empirical sciences
- Brief review on the history of psychological science
- PLANNING RESEARCH:
  - Hypotheses and Theories
  - Operationalising your research question
  - Ethics of psychological testing
  - Rules of good scientific practice
- MEASURING:
  - To observe, to count, to measure
  - Quantitative methods of data acquisition
  - Objective, reliable, valid: Basics of classical testing theory
  - Levels of measurement
- PERFORMING RESEARCH:
  - Study design
  - Confounding variables and their control
  - Sample and Population
  - The idea of hypothesis testing
  - Writing up your results

## Qualification-goals/Competencies:
- The ability to conceive and test research hypotheses according to the scientific criteria in psychology
- The ability to transform research questions into research designs
- The ability to transform research questions into research designs
- Initial competence to understand, to criticise and to write scientific reports
- Mastering the rules of good scientific practice
- Developing a critical, scientific mind

## Grading through:
- written exam

## Responsible for this module:
- Prof. Dr. rer. nat. Jonas Obleser

## Teacher:
- Institute for Psychology I
  - Prof. Dr. rer. nat. Jonas Obleser

## Literature:
- Hussy, W., Schreier, M., & Echterhoff, G.: Forschungsmethoden in Psychologie und Sozialwissenschaften für Bachelor - Berlin [u.a.]: Springer, 2010
- Huber, O.: Das psychologische Experiment: Eine Einführung - (5. Aufl.) Bern: Huber, 2009
Language:
- offered only in German

Notes:
The module examination is considered passing if it was graded as at least sufficient.
## PY2000-KP06, PY2000 - Biological Psychology 1 (BioPsych1)

<table>
<thead>
<tr>
<th><strong>Duration:</strong></th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>6</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology before 2016 (compulsory), psychology, 3rd semester
- Bachelor Psychology since 2016 (compulsory), psychology, 1st semester

### Classes and lectures:
- Biological Psychology 1 (lecture, 2 SWS)
- Biological Psychology 1 (seminar, 2 SWS)

### Workload:
- 120 Hours private studies
- 60 Hours in-classroom work

### Contents of teaching:
- Mind-body problem
- Evolution, structure and function of the human nervous system, especially the CNS
- Macroscopic preparation of the human brain
- Theory of psychophysiological und neuroscientific methods
- Classical neuroscientific studies
- Neurobiological bases of homoeostasis, pain, emotions and social behaviour

### Qualification-goals/Competencies:
- Students are able to extract relevant information from lectures and seminars
- Students know the mind-body problem and main approaches to solving this problem
- Students know main macroscopic structures of the human brain, can identify them in preparations and slices and can explain their function
- Students know the mechanisms of evolution and can explain them with regard to neuroscientifically relevant questions and findings
- Students know important psychophysiological und neuroscientific methods, especially functional magnetic resonance imaging (fMRI), and can explain their applications, limitations and significance
- Students can explain and assess ethical problems in neuroscientific research
- Students can understand, summarize, present and critically discuss basic original research articles
- Students can critically and constructively discuss contributions of their fellow students and develop a productive culture of debate

### Grading through:
- Written report
- continuous, successful participation in course
- written exam

### Responsible for this module:
- Prof. Dr. rer. nat. Silke Anders

### Teacher:
- Institute of Anatomy
- Department of Neurology
- Prof. Dr. rer. nat. Silke Anders
- Dr. med. Antje Klinger
- Dr. Benjamin Sack
- Studentische Tutoren

### Literature:
- Pinel und Pauli: Biopsychologie - Pearson
- :
- :

### Language:
- offered only in German

### Notes:
The module examination is considered passing if it was graded as at least sufficient.
<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnus of offer:</td>
<td>each summer semester</td>
</tr>
<tr>
<td>Credit points:</td>
<td>6</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology before 2016 (compulsory), psychology, 2nd semester
- Bachelor Psychology since 2016 (compulsory), psychology, 2nd semester

**Classes and lectures:**
- History, Theory, and Ethics in Psychology and Psychotherapy (lecture, 2 SWS)
- In-depth discussion of some of the lecture's topics (seminar, 2 SWS)

**Contents of teaching:**
- Introduction to historical science studies (concepts, theories, and methods)
- Philosophy of psychology and neuroscience
- Construction of bodies and gender roles, gender studies
- History and development of psychology, psychotherapy, and psychiatry, including their respective forms of institutionalization
- Ethics of psychology in research and practice
- Contexts and places of psychological research and psychiatric / psychotherapeutic interventions
- Psychology and psychiatry in the media-based public discourse

**Qualification-goals/Competencies:**
- Students are able to describe and explain basic concepts, theories, and methods of historical sciences studies and philosophical ethics.
- They can depict pivotal stages and controversies in the historical development of psychology as a science and academic profession.
- They have developed an understanding of the philosophical and cultural implications of the production and application of psychological knowledge, and are able to apply this knowledge to case studies.
- They are capable to identify ethical questions of psychological research and practice, to carve out their different implications, and to discuss them critically.
- They master to research, interpret, and analyze critically scientific literature on the module's topics.
- They have the communication competency to present and analyze ethical and societal aspects of psychological issues orally as well as in written form.

**Grading through:**
- continuous, successful participation in course
- presentation
- written homework

**Responsible for this module:**
- Prof. Dr. phil. Lisa Malich

**Teacher:**
- Institute for the History of Medicine and Science Studies
- Prof. Dr. phil. Lisa Malich
- Dipl.-Psych. David Keller
- Prof. Dr. phil. Christoph Rehmann-Sutter
- Prof. Dr. phil Christina Schües
- Dr. phil. Birgit Stammberger

**Literature:**

Language:
- offered only in German

Notes:
Successful completion of the module requires passing of all parts of the examination.
# PY1700-KP07 - General Psychology 2 (AP2)

**Duration:** 1 Semester  
**Turnus of offer:** each summer semester  
**Credit points:** 7

**Course of study, specific field and term:**  
- Bachelor Psychology since 2016 (compulsory), psychology, 2nd semester

**Classes and lectures:**  
- General Psychology 2 (lecture, 2 SWS)  
- General Psychology 2 (seminar, 2 SWS)

**Workload:**  
- 135 Hours private studies and exercises  
- 75 Hours in-classroom work

**Contents of teaching:**  
- Acquisition of basic knowledge in the topics learning, motivation and emotion  
- Teaching of basic ideas, concepts and theories of learning and motivation psychology  
- Learning basic principles of experimental psychology work for planning and conducting experiments  
- Understanding and judgment of basic ideas, theories and methods of motivation, learning and memory

**Qualification-goals/Competencies:**  
- Understanding and ability to apply psychological concepts  
- Basic understanding of translating psychological research questions into empirical questions  
- Developing scientific reasoning, thinking and discussing based on basic psychological research  
- Social competency in discussing and application of knowledge  
- Self competency in terms of critical reflection and work with scientific literature  
- Ability to structure newly acquired knowledge

**Grading through:**  
- written exam

**Responsible for this module:**  
- Prof. Dr. rer. nat. Ulrike Krämer

**Teacher:**  
- Department of Neurology  
- Prof. Dr. rer. nat. Ulrike Krämer  
- M. Sc. Miriam Neis

**Literature:**  
- Mazur: Lernen und Verhalten - Pearson, 2006  
- Rudolph: Motivationspychologie - Beltz, 2009

**Language:**  
- offered only in German

**Notes:**  
The module examination is considered passing if it was graded as at least sufficient. As coursework successfully dealing with project tasks in the group is provided.
<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>6</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (compulsory), psychology, 2nd semester

**Classes and lectures:**
- lecture in basics in statistics I (lecture, 2 SWS)
- practise in basics in statistics I (seminar, 2 SWS)

**Workload:**
- 120 Hours private studies and exercises
- 60 Hours in-classroom work

**Contents of teaching:**
- Descriptive statistics
- Graphical data representation and analysis
- Effect sizes
- Introduction to inference statistics
- Population vs sample
- Testing of relationships hypotheses (correlation methods)
- Parametrical testing of difference hypotheses (t-test)

**Qualification-goals/Competencies:**
- Mastering and judging basic concepts of quantitative data analysis
- Applying this new knowledge in solving statistical problems and in interpreting statistical results
- Experience in working with statistical software packages
- Ability to interpret statistical results independantly

**Grading through:**
- written exam

**Is requisite for:**
- Basics in statistics 2 (PY2300-KP06)

**Responsible for this module:**
- Prof. Dr. rer. nat. Jonas Obleser

**Teacher:**
- Institute for Psychology I
- Prof. Dr. rer. nat. Jonas Obleser

**Literature:**

**Language:**
- offered only in German

**Notes:**
The module examination is considered passing if it was graded as at least sufficient.
## PY2200-KP07 - Differential Psychology (DiffPsych)

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<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
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</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>7</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology since 2016 (compulsory), psychology, 2nd semester

### Classes and lectures:
- Differential Psychology (lecture, 2 SWS)
- Differential Psychology (seminar, 2 SWS)

### Workload:
- 150 Hours private studies and exercises
- 60 Hours in-classroom work

### Contents of teaching:

### Qualification-goals/Competencies:

### Grading through:
- assignment in seminar (presentation, paper, etc.), not-graded
- written exam

### Responsible for this module:
- Prof. Dr. rer. nat. habil John Rauthmann

### Teacher:
- Institute for Psychology I
- Prof. Dr. rer. nat. habil John Rauthmann
- M.Sc. Nick Modersitzki
- M.Sc. Le Vy Phan

### Literature:

### Language:
- offered only in German

### Notes:
The module examination is considered passing if it was graded as at least sufficient.
# Module Guide

## PY2500-KP05 - Biological Psychology 2 (BioPsych2)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>5</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology since 2016 (compulsory), psychology, 2nd semester

### Classes and lectures:
- Biological Psychology 2 (lecture, 2 SWS)
- Biological Psychology 2 (seminar, 1 SWS)

### Workload:
- 100 Hours private studies and exercises
- 50 Hours in-classroom work

### Contents of teaching:
- Deepening the understanding of basic concepts, and theories of biological psychology; use of fundamental terms
- Basic research methods II: electrophysiology, magnetoencephalography, transcranial stimulation, animal behavior
- Sensorimotor system
- Development of the Nervous system
- Brain Damage and Neuroplasticity
- Learning, Memory, Amnesia
- Sleep and Circadian Systems
- Hormones and Sex: sexual behavior, sexual dimorphism in the CNS and cognition
- psychopharmacology

### Qualification-goals/Competencies:
- Understanding of basic relations between cellular and systemic processes in biological psychology
- Acquisition of basic knowledge on behavioral and electrophysiological research methods
- Acquisition of basic knowledge on interactions between brain activity, behavior and environment
- Development of cross-curricular performance skills such as concentrated working, critical reflection, and use of specialized literature
- Development of presentation skills

### Grading through:
- presentation
- written exam

### Responsible for this module:
- Prof. Dr. rer. medic. Lisa Marshall

### Teacher:
- Institute of Neurobiology
- clinic for pediatrics
- Institute of Experimental and Clinical Pharmacology and Toxicology
- Prof. Dr. rer. medic. Lisa Marshall
- Prof. Dr. rer. nat. Henrik Oster
- Dipl.-Psych. Florence Louise Marshall
- Dr. rer. nat. Dipl.-Psych. Sonja Binder
- Studentische Tutoren

### Literature:
- Carlson, N.R.: Physiology of Behavior - Pearson
- Engel, Bear, Conners & Paradiso: Neurowissenschaften - Ein grundlegendes Lehrbuch für Biologie, Medizin und Psychologie - Springer [Englische Originalausgabe erschienen bei Lippincott Williams & Wilkins (WoltersKluwer)]
- Vertiefung: Kandel, E et al. (Eds): Principles of Neural Science - McGraw-Hill Companies
- Pinel JPC & Pauli P: Biopsychologie - 8. Auflage - Pearson
Language:
- German and English skills required

Notes:
- Lectures may be held in English.
- The performance criteria is met by the elaboration of a scientific paper or a scientific video.
- Successful exam performance is credited when graded at least as sufficient.
# PY2100-KP07 - social psychology (SP)

## Duration:
- 1 Semester

## Turnus of offer:
- each winter semester

## Credit points:
- 7

### Course of study, specific field and term:
- Bachelor Occupational Therapy  (optional subject), psychology, 3rd or 5th semester
- Bachelor Psychology since 2016 (compulsory), psychology, 3rd semester
- Bachelor Speech and Language Therapy (optional subject), psychology, 3rd or 5th semester

### Classes and lectures:
- Social psychology (seminar with practical exercises, 2 SWS)
- Social psychology (lecture, 2 SWS)

### Workload:
- 145 Hours private studies and exercises
- 65 Hours in-classroom work

### Contents of teaching:
- Topics, history and methods of social psychology
- Social cognition & social perception
- Information processing in social context, attitude, conformity and prejudice
- Social psychology of human interaction, communication, interpersonal relation, group dynamics, inter-group relation
- Prosocial behavior and aggression
- Social psychology and health

### Qualification-goals/Competencies:
- Acquisition of basic concepts, theories and findings of social psychology
- Understanding the role of social psychology in predicting the human behavior
- Understanding the relation to the general psychology and differential psychology
- Application of social psychology theories to reason the studies and findings critically
- Ability to communicate (present, discuss in groups) current topics in social psychology

### Grading through:
- certificates
- presentation
- written exam

### Responsible for this module:
- Prof. Dr. phil. So Young Park

### Teacher:
- Institute for Psychology I
- Prof. Dr. phil. So Young Park
- Ph.d. Apoorva Madipakkam
- M.Sc. Gabriele Bellucci
- M.S. Anne Muth

### Literature:

### Language:
- offered only in German

### Notes:
The module examination is considered passing if it was graded as at least sufficient. Ungraded exam requirement is a presentation and 3 passed quizzes (testate); the final exam (Klausur) is graded.
<table>
<thead>
<tr>
<th><strong>PY2250-KP06, PY2250 - Test Theory (TT)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration:</strong> 1 Semester</td>
</tr>
<tr>
<td><strong>Course of study, specific field and term:</strong></td>
</tr>
<tr>
<td>• Bachelor Psychology since 2016 (compulsory), psychology, 3rd semester</td>
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<tr>
<td><strong>Classes and lectures:</strong></td>
</tr>
<tr>
<td>• Testtheory (lecture with exercises, 2 SWS)</td>
</tr>
<tr>
<td>• Testconstruction (seminar / exercises, 2 SWS)</td>
</tr>
<tr>
<td>• 90 Hours private studies and exercises</td>
</tr>
<tr>
<td>• 60 Hours in-classroom work</td>
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<tr>
<td>• 30 Hours exam preparation</td>
</tr>
<tr>
<td><strong>Contents of teaching:</strong></td>
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<td><strong>Qualification-goals/Competencies:</strong></td>
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<tr>
<td><strong>Grading through:</strong></td>
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<tr>
<td>• written exam</td>
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<tr>
<td><strong>Responsible for this module:</strong></td>
</tr>
<tr>
<td>• Prof. Dr. rer. nat. habil John Rauthmann</td>
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<tr>
<td><strong>Teacher:</strong></td>
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<tr>
<td>• Institute for Psychology I</td>
</tr>
<tr>
<td>• M.Sc. Nick Modersitzki</td>
</tr>
<tr>
<td>• M.Sc. Le Vy Phan</td>
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<tr>
<td><strong>Literature:</strong></td>
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<tr>
<td><strong>Notes:</strong></td>
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<tr>
<td>The module examination is considered passing if it was graded as at least sufficient.</td>
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</tbody>
</table>
## PY2300-KP06 - Basics in statistics 2 (Statistik2)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
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</thead>
<tbody>
<tr>
<td>Turnus of offer:</td>
<td>each winter semester</td>
</tr>
<tr>
<td>Credit points:</td>
<td>6</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Master Media Informatics (optional subject), mathematics, arbitrary semester
- Bachelor Psychology since 2016 (compulsory), psychology, 3rd semester

### Classes and lectures:
- Basics of statistics 2 (lecture, 2 SWS)
- Basics of statistics 2 (seminar, 2 SWS)

### Workload:
- 110 Hours private studies and exercises
- 70 Hours in-classroom work

### Contents of teaching:
- Analysis of Variance (ANOVA)
- General linear model, incl. simple and multiple regression, outlier testing
- Relationship of ANOVA and Regression
- Robust testing
- Basics of non-parametric testing

### Qualification-goals/Competencies:
- Mastering and judging basic concepts and techniques in analysis of variance and regression
- Applying this new knowledge in solving statistical problems and in interpreting statistical results
- Experience in working with statistical software packages

### Grading through:
- written exam

### Is requisite for:
- Experimental Psychology (PY2800-KP06)

### Requires:
- Statistics 1 (PY1800-KP06)

### Responsible for this module:
- Prof. Dr. rer. nat. Jonas Obleser

### Teacher:
- Institute for Psychology I
- Prof. Dr. rer. nat. Jonas Obleser
- Dr. phil. Sarah Tune
<table>
<thead>
<tr>
<th>Literature:</th>
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<th>Language:</th>
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<td>- offered only in German</td>
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<tr>
<th>Notes:</th>
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<tbody>
<tr>
<td>The module examination is considered passing if it was graded as at least sufficient.</td>
</tr>
</tbody>
</table>
# PY2900-KP05 - Cognitive ability testing and personality assessment (LeiPerDi)

## Duration:
1 Semester

## Turnus of offer:
each winter semester

## Credit points:
5

## Course of study, specific field and term:
- Bachelor Psychology since 2016 (compulsory), psychology, 3rd semester

## Classes and lectures:
- Introduction of psychological diagnostics (lecture, 2 SWS)
- Course in examples for testing (lecture with exercises, 1 SWS)

## Workload:
- 105 Hours private studies and exercises
- 45 Hours in-classroom work

## Contents of teaching:

## Qualification-goals/Competencies:

## Grading through:
- written exam

## Is requisite for:
- diagnostic work experience (PY2610-KP05)

## Responsible for this module:
- Prof. Dr. rer. nat. habil John Rauthmann

## Teacher:
- Institute for Psychology I
- Prof. Dr. rer. nat. habil John Rauthmann

## Literature:

## Language:
- offered only in German

## Notes:
The module examination is considered passing if it was graded as at least sufficient.
# PY2600-KP06, PY2600 - medicine for psychologists (Medizin)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
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</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>6</td>
</tr>
</tbody>
</table>

## Course of study, specific field and term:
- Bachelor Psychology since 2016 (compulsory), psychology, 4th semester
- Bachelor Psychology before 2016 (compulsory), psychology, 4th semester

## Classes and lectures:
- Medicine for Psychologists 1 (lecture, 2 SWS)
- Medizin für Psychologen 2 (lecture, 2 SWS)

## Workload:
- 120 Hours private studies
- 60 Hours in-classroom work

## Contents of teaching:
- Internal Medicine
- Surgery
- Anesthesiology
- Dermatology
- Obstetrics and Gynecology
- Pediatrics
- Genetics and genetic counseling

## Qualification-goals/Competencies:
- Factual knowledge about epidemiology, pathophysiology and therapy of selected medical disorders
- Conceptual knowledge about the interface between medical and behavioral sciences
- Application of this knowledge in the analysis and assessment of model clinical situations

## Grading through:
- written exam

## Responsible for this module:
- Prof. Dr. Ulrich Schweiger

## Teacher:
- Universitätsklinikum S-H
- MitarbeiterInnen der Sektion Medizin

## Literature:

## Language:
- offered only in German

## Notes:
- 2 lectures/week held by physicians of different clinics with presentation of patients about 30 minutes.
- The module examination is considered passing if it was graded as at least sufficient
<table>
<thead>
<tr>
<th>Module Guide</th>
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</table>

**PY2610-KP05 - diagnostic work experience (KlinDiag)**

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<thead>
<tr>
<th>Duration:</th>
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</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>5</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (compulsory), psychology, 4th semester

**Classes and lectures:**
- lecture in social psychology (lecture, 1 SWS)
- workshop diagnostic (seminar, 1 SWS)

**Workload:**
- 75 Hours private studies
- 45 Hours in-classroom work
- 30 Hours exercises in groups

**Contents of teaching:**
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**Qualification-goals/Competencies:**
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**Grading through:**
- written exam

**Requires:**
- Cognitive ability testing and personality assessment (PY2900-KP05)

**Responsible for this module:**
- Prof. Dr. med. Thomas Münte

**Teacher:**
- Department of Neurology
- Prof. Dr. med. Thomas Münte
- Prof. Dr. rer. soc. Dipl.-Psych. Rolf Verleger
- Dr. rer. nat., Dipl.-Psych. Reinhard Eder
- Anke Wilhoeft

**Literature:**
- :
- :

**Language:**
- offered only in German
# Module Guide

## PY2700-KP08, PY2700 - Clinical Psychology (KlinPsy)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
<th>Turnus of offer:</th>
<th>each summer semester</th>
<th>Credit points:</th>
<th>8</th>
</tr>
</thead>
</table>

### Course of study, specific field and term:
- Bachelor Psychology since 2016 (compulsory), psychology, 4th semester
- Bachelor Psychology before 2016 (compulsory), psychology, 4th semester

### Classes and lectures:
- Course in clinical diagnostics and therapy (seminar with practical exercises, 2 SWS)
- Team workshop in prevention and intervention (seminar-style lectures, 2 SWS)

### Workload:
- 180 Hours private studies and exercises
- 60 Hours in-classroom work

### Contents of teaching:
- Psychological models of mental disorders
- Nosology of mental disorders
- Psychotherapeutic systems, methods and techniques
- Classification systems for mental disorders
- Interview techniques, interview settings and mental status examination
- Health psychology
- Assertiveness training

### Qualification-goals/Competencies:
- Factual knowledge about the terminology of the nosology of mental disorders and of psychotherapy systems, methods and techniques
- Conceptual knowledge about the application of nosology in clinical situations
- Conceptual knowledge about the application of psychotherapeutic methods and techniques in clinical situations
- Factual knowledge about the structure of the German health care system
- Factual knowledge about behavioral prevention
- Ability to apply specified criteria for the critical evaluation of intervention and prevention programs
- Ability to communicate about nosological issues in role plays and with patients

### Grading through:
- Written exam

### Responsible for this module:
- Prof. Dr. Ulrich Schweiger

### Teacher:
- Clinic of Psychiatry and Psychotherapy
  - Prof. Dr. Ulrich Schweiger
  - Dr. rer. nat. Dipl.-Psych. Julia Czaja
  - Dr. Dipl.-Psych. Oliver Korn
  - Dr. phil. Dipl.-Psych. Valerija Sipos
  - Priv.-Doz. Dr. phil. Dipl.-Psych. Hans-Jürgen Rumpf
  - Dr. rer. nat. Dipl.-Psych. Kristin Heinecke
  - Dipl.-Psych. Mirco Penshorn

### Literature:
- Wittchen & Hoyer: Klinische Psychologie und Psychotherapie - Springer 2011

### Language:
- Offered only in German

### Notes:
- The module examination is considered passing if it was graded as at least sufficient.
### PY2800-KP06 - Experimental Psychology (ExPra)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>6</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (compulsory), psychology, 4th semester

**Classes and lectures:**
- Workshop in experimental psychology (project work, 2 SWS)

**Workload:**
- 135 Hours work on an individual topic (research and development) and written elaboration
- 45 Hours in-classroom work

**Contents of teaching:**
- Implementation of theoretical concepts of planning, conducting and analyzing an experiment
- Development of scientific research question and hypothesis
- Data collection and analysis according to own research question
- Writing of a research paper

**Qualification-goals/Competencies:**
- Sensitization for problems concerning planning, conducting, analysing and documentation of a research project
- Insights into disadvantages and advantages of research design related decisions
- Implementation of research question
- Critical reflection of methodological aspects of the research design concerning scientifically, ethically and sociologically consequences

**Grading through:**
- Written report
- Presentation

**Requires:**
- Basics in statistics 2 (PY2300-KP06)

**Responsible for this module:**
- Prof. Dr. rer. nat. Nico Bunzeck
- Prof. Dr. phil. So Young Park

**Teacher:**
- Institute for Psychology I
- Prof. Dr. phil. So Young Park
- Ph.d. Apoorva Madipakkam

**Literature:**
- Reiß & Sarris: Experimentelle Psychologie - Von der Theorie zur Praxis - Pearson Verlag

**Language:**
- offered only in German

**Notes:**
- The module examination is considered passing if it was graded as at least sufficient.
<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>8</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology before 2016 (compulsory), psychology, 5th semester
- Bachelor Psychology since 2016 (compulsory), psychology, 5th semester

**Classes and lectures:**
- Lecture in Neuropsychology (lecture, 2 SWS)
- Course in Neuropsychology (seminar, 2 SWS)

**Workload:**
- 180 Hours private studies and exercises
- 60 Hours in-classroom work

**Contents of teaching:**

- Qualification-goals/Competencies:
- Grading through:
  - presentation
  - written exam

**Responsible for this module:**
- Prof. Dr. med. Thomas Münte

**Teacher:**
- Department of Neurology
- Prof. Dr. med. Thomas Münte
- Dr. rer. nat., Dipl.-Psych. Daniel Wiswede

**Literature:**
- :
- :

**Language:**
- offered only in German
# Module Guide

## PY3100-KP06, PY3100 - Educational Psychology (PaedaPsych)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>6</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology before 2016 (compulsory), psychology, 5th semester
- Bachelor Psychology since 2016 (compulsory), psychology, 5th semester

### Classes and lectures:
- Educational Psychology (lecture, 2 SWS)
- Educational Psychology (seminar with practical exercises, 1 SWS)

### Workload:
- 135 Hours private studies and exercises
- 45 Hours in-classroom work

### Contents of teaching:
- Basic concepts and theories in educational psychology
- Learning, teaching, motivation: behaviorism, cognitive theories and their application in pedagogics
- Learning environments: social conditions of learning and teaching; family; preschool / nursery; school; university; adult education
- Early promotion of children; learning difficulties and cognitive disorders; school achievement and their measurement; intellectual giftedness; negligence and abuse of children; bullying in school context; health; lifelong learning

### Qualification-goals/Competencies:
- Students are familiar with theories and methods of didactic concepts in psychology of teaching and learning
- Students understand the impact of different psychological and social concepts on the acquisition of new knowledge
- Students will be able to apply and transfer their knowledge to third parties.
- Students will be able to develop and apply didactical concepts in various contexts.

### Grading through:
- presentation
- written exam

### Responsible for this module:
- Prof. Dr. rer. nat. Nico Bunzeck

### Teacher:
- Institute for Psychology I
- Prof. Dr. rer. nat. Nico Bunzeck
- Dr. rer. biol.hum. Tineke Steiger

### Literature:
- Anita Woolfolk: Pädagogische Psychologie - Pearson, 2014
- Wild & Möller (Hrsg.): Pädagogische Psychologie - Springer, 2015 (Online-Ressource ZHB Lübeck)
- Schneider, Lindenberger et al: Entwicklungspychologie - Beltz, 2012
- Seidel, Krapp (Hrsg.): Pädagogische Psychologie: Mit Online-Materialien zum Download - Beltz, 2014

### Language:
- offered only in German

### Notes:
The module examination is considered passing if it was graded as at least sufficient.
## PY3200-KP06, PY3200 - Work and Organisational Psychology (AuO)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>6</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology before 2016 (compulsory), psychology, 5th semester
- Bachelor Psychology since 2016 (compulsory), psychology, 5th semester

### Classes and lectures:
- Lecture in Organisational Psychology (lecture, 2 SWS)
- Course in Organisational Psychology (seminar with practical exercises, 1 SWS)

### Workload:
- 135 Hours private studies and exercises
- 45 Hours in-classroom work

### Contents of teaching:
- History and theories in industrial and organisational psychology
- Methods of human resources development
- Methods of organisation development
- Psychological factors determining the employment
- Working environment and psychological health/mental illness

### Qualification-goals/Competencies:
- To acquire the major theories, findings and methods of industrial and organisational psychology
- To understand the organisational structures such as human behavior within an organisation or methods of employee selection
- The acquisition of the ability to select, apply and evaluate the solution to manage the personnel- and organisational development

### Grading through:
- Written exam

### Requires:
- Social psychology (PY2100-KP07)

### Responsible for this module:
- Prof. Dr. phil. So Young Park

### Teacher:
- Institute for Psychology I
- Prof. Dr. phil. So Young Park

### Literature:
- Nerdinger, Blickle & Schaper: Arbeits- und Organisationspsychologie - Springer, 2014

### Language:
- Offered only in German

### Notes:
- The module examination is considered passing if it was graded as at least sufficient.
- Activity in discussion and practical exercises is required.
### PY3900-KP12, PY3900 - Bachelor Thesis (PYBAarbeit)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>12</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology before 2016 (compulsory), psychology, 6th semester
- Bachelor Psychology since 2016 (compulsory), psychology, 6th semester

**Classes and lectures:**
- Oberseminar (), 1 SWS
- Bachelor thesis psychology (supervised self studies, 1 SWS)

**Workload:**
- 360 Hours work on an individual topic with written and oral presentation

**Contents of teaching:**
- will be determined individually

**Qualification-goals/Competencies:**
- The students acquire the ability to study under guidance a limited theoretical question in a special field of psychology on the basis of qualitative or quantitative research designs and in a given time and prepare a research paper that meets scientific criteria.
- Furthermore, in exceptional cases, the examination committee may also admit a topic that involves the further development of empirically verifiable theories and models, without the work already having to include the review.
- Advanced techniques in writing a scientific thesis

**Grading through:**
- written exam, oral presentation, and defence of the experiment’s results

**Requires:**
- test person (PY1400-KP01, PY1400)

**Responsible for this module:**
- Prof. Dr. rer. nat. Nico Bunzeck
- Prof. Dr. phil. So Young Park

**Teacher:**
- All institutes of the University of Lübeck
- Alle prüfungsberechtigten Dozentinnen/Dozenten des Studienganges

**Literature:**
- Deutsche Gesellschaft für Psychologie: Richtlinien zur Manuskriptgestaltung

**Language:**
- thesis can be written in German or English

**Notes:**
The module examination is considered passing if it was graded as at least sufficient
# CS2200-KP04, CS2200 - Software Ergonomics (SoftErgo)

**Duration:** 1 Semester  
**Turnus of offer:** each summer semester  
**Credit points:** 4

## Course of study, specific field and term:
- Bachelor Psychology before 2016 (optional subject), computer science, arbitrary semester
- Bachelor Media Informatics (compulsory), media informatics, 2nd semester
- Bachelor Medical Informatics before 2014 (optional subject), software engineering, 4th to 6th semester
- Bachelor Computer Science before 2014 (compulsory), foundations of computer science, 2nd semester
- Bachelor Psychology since 2016 (optional subject), computer science, arbitrary semester

## Classes and lectures:
- Software Ergonomics (lecture, 2 SWS)
- Software Ergonomics (exercise, 1 SWS)

## Workload:
- 55 Hours private studies
- 45 Hours in-classroom work
- 20 Hours exam preparation

## Contents of teaching:
- Motivation and introduction
- Work systems
- Effects of work
- Cognition and memory
- User analysis and user modeling
- Models for human-computer systems
- Temporal behavior of interactive systems
- Quality criteria for interactive systems
- Evaluation of interactive systems
- Legal conditions
- Summary

## Qualification-goals/Competencies:
- The students know the basic theories, models and criteria for user- and application-centered interactive multimedia systems.
- They are able to transfer this knowledge into development processes and to evaluate interactive systems systematically.
- They can describe work systems as well as applications in education and entertainment in a user- and task-centered way.

## Grading through:
- Exercises
- written exam

## Is requisite for:
- Usability Engineering (CS3201-KP04, CS3201)
- Media Production and Media Programming (CS2601-KP08, CS2601SJ14)
- Interaction Design (CS2600-KP08, CS2600SJ14)

## Responsible for this module:
- Prof. Dr. rer. nat. Michael Herczeg

## Teacher:
- Institute for Multimedia and Interactive Systems
- Prof. Dr. rer. nat. Michael Herczeg
- Prof. Dr. rer. nat. Tilo Mentler

## Literature:
- M. Herczeg: Software-Ergonomie - 4. Auflage, München: Oldenbourg-Verlag, 2018

## Language:
- offered only in German
<table>
<thead>
<tr>
<th>GW1110-KP04 - Speech and Language Therapy in Adults (LPErw4)</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration:</strong> 1 Semester</td>
</tr>
<tr>
<td><strong>Turnus of offer:</strong> each winter semester</td>
</tr>
<tr>
<td><strong>Credit points:</strong> 4</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (optional subject), interdisciplinary competence, arbitrary semester

**Classes and lectures:**
- Kognitive communication disorders and dementia induced speech and language disorders (seminar, 1 SWS)
- Dysphagia and associated disorders (seminar, 1 SWS)
- Speech and language therapy in neurorehabilitation (seminar, 1 SWS)

**Workload:**
- 75 Hours private studies
- 45 Hours in-classroom work

**Contents of teaching:**

**Qualification-goals/Competencies:**

**Grading through:**
- written homework

**Responsible for this module:**
- Prof. Annette Baumgärtner, PhD

**Teacher:**
- Other Institutes
- Department of Neurology
- Prof. Annette Baumgärtner, PhD
- MitarbeiterInnen des Instituts

**Literature:**

**Language:**
- offered only in German
<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 Semester</td>
<td>each semester</td>
<td>1</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology before 2016 (compulsory), psychology, arbitrary semester
- Bachelor Psychology since 2016 (compulsory), psychology, arbitrary semester

**Classes and lectures:**
- examination (autonomous practical studies, 0.5 SWS)

**Workload:**
- 30 Hours private studies

**Contents of teaching:**
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**Qualification-goals/Competencies:**
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**Grading through:**
- attendance at exercises

**Is requisite for:**
- Bachelor Thesis (PY3900-KP12, PY3900)

**Responsible for this module:**
- Prof. Dr. phil. So Young Park

**Teacher:**
- Institute for Psychology I
- Alle Dozentinnen/Dozenten der UzL
- Dipl.-Psych. Michaela Haller

**Language:**
- offered only in German
## PY1710-KP04, PY1710 - Work Psychology (ArbPsy)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
<th>Turnus of offer:</th>
<th>each summer semester</th>
<th>Credit points:</th>
<th>4</th>
</tr>
</thead>
</table>

### Course of study, specific field and term:
- Master Entrepreneurship in Digital Technologies (optional subject), interdisciplinary competence, 2nd or 4th semester
- Bachelor Media Informatics (compulsory), psychology, 2nd semester
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

### Classes and lectures:
- Work Psychology (lecture, 2 SWS)
- Work Psychology (seminar, 1 SWS)

### Workload:
- 75 Hours private studies and exercises
- 45 Hours in-classroom work

### Contents of teaching:
- History of work psychology
- Sociotechnical systems and work systems
- Models of work behavior
- Work analysis and evaluation
- Effects of work
- Designing work environments and tasks
- Human-machine-systems within work systems
- Training and skill development
- Work motivation and satisfaction with work

### Qualification-goals/Competencies:
- The students can denote components and influential factors in work systems that include human-machine-interaction and can explain them with recourse to models especially for computer workstations and other applications of digital media in work systems.
- They are able to use psychological concepts and methods and can read and understand psychological scientific studies on applications of digital and interactive media in the context of work.
- They can cooperate effectively with psychologists and ergonomists in interdisciplinary teams.

### Grading through:
- written exam

### Responsible for this module:
- Prof. Dr. rer. nat. Thomas Franke

### Teacher:
- Institute for Multimedia and Interactive Systems
- Prof. Dr. rer. nat. Thomas Franke

### Literature:

### Language:
- offered only in German
# PY1903-KP04, PY1903 - Development of Professionalism in Health Care (EbiH)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnus of offer:</td>
<td>each semester</td>
</tr>
<tr>
<td>Credit points:</td>
<td>4</td>
</tr>
</tbody>
</table>

## Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester
- Bachelor Psychology before 2016 (optional subject), psychology, arbitrary semester

## Classes and lectures:
- Development of Professionalism in Health Care (blockseminar (compact course), 2 SWS)

## Workload:
- 95 Hours private studies and exercises
- 25 Hours in-classroom work

## Contents of teaching:
- Professional Identity
- Professionalism
- Development of Expertise
- Goals and Values
- Professional and personal competencies of psychologists, psychotherapists and physicians
- Relation to patients
- Relation to colleagues
- Relation to academic teachers and superiors
- Role models
- Personal limits
- Development of experience and procedural knowledge
- Development of metacognitive knowledge

## Qualification-goals/Competencies:
- Conceptual knowledge about professional identity and its development during university education and work. Factors influencing the development of professional identity
- Metacognitive knowledge about the role of hard and soft knowledge in the control of professional behavior
- Awareness about the influence of personal goals and values on professional behavior Application of the knowledge in the analysis of specific problematic professional situations

## Grading through:
- continuous, successful participation in course
- presentation

## Responsible for this module:
- Prof. Dr. Ulrich Schweiger

## Teacher:
- Clinic for psychosomatics and psychotherapy
- Clinic of Psychiatry and Psychotherapy

## Literature:
- Glen Gabbard: Professionalism in Psychiatry - American Psychiatric Association 2011

## Language:
- offered only in German

## Notes:
The module examination is considered passing if it was graded as at least sufficient
## PY1905-KP04, PY1905 - Family Psychology (FamPsych)

| Duration: 1 Semester | Turnus of offer: normally each year in the winter semester | Credit points: 4 | Max. group size: 20 |

### Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

### Classes and lectures:
- Family Psychology (seminar, 2 SWS)

### Workload:
- 80 Hours private studies and exercises
- 30 Hours in-classroom work

### Contents of teaching:
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### Qualification-goals/Competencies:
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### Grading through:
- B-Certificate (not graded)

### Responsible for this module:
- Prof. Dr. rer. nat. Nico Bunzeck

### Teacher:
- Institute for Psychology I
- Prof. Dr. rer. nat. Nico Bunzeck

### Literature:
- :

### Language:
- offered only in German
<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>4</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology before 2016 (optional subject), psychology, arbitrary semester
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

<table>
<thead>
<tr>
<th>Classes and lectures:</th>
<th>Workload:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hunting, gathering, parking? Concepts of Gender in Psychology (seminar, 2 SWS)</td>
<td>- 90 Hours private studies</td>
</tr>
<tr>
<td></td>
<td>- 30 Hours in-classroom work</td>
</tr>
</tbody>
</table>

**Contents of teaching:**
- We will read one (max. two) texts for each class. We will analyze and discuss the texts together. Contents are:
- Studies on gender and sexuality in Psychology and Neuro Science
- Theories of Gender, Gender Studies
- Historical perspectives on gender, sexuality and feminism
- Science studies
- Gender-focused and feminist approaches in psychotherapy

**Qualification-goals/Competencies:**
- Students will learn basic terms, theories and methods of psychological research on gender, of gender studies and of science studies
- They will be able to understand central themes and controversies in the historical formation of sex and gender
- They will be able to grapple with political and cultural implications of psychological knowledge.
- They can reflect these implications in regard to gender.
- They will be competent to lead interdisciplinary discussions (psychology, psychotherapy, philosophy, sociology, history)
- They will gain some knowledge on specific methods of psychotherapy

**Grading through:**
- presentation
- B-Certificate (not graded)

**Responsible for this module:**
- Prof. Dr. phil. Lisa Malich

**Teacher:**
- Institute for the History of Medicine and Science Studies
- Prof. Dr. phil. Lisa Malich

**Literature:**
- will be notified in the course:

**Language:**
- offered only in German
# Module Guide

## PY1907-KP04, PY1907 - Consumers Psychology (WAKonsum)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
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</thead>
<tbody>
<tr>
<td>Turnus of offer:</td>
<td>each summer semester</td>
</tr>
<tr>
<td>Credit points:</td>
<td>4</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology before 2016 (optional subject), psychology, arbitrary semester
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

### Classes and lectures:
- Consumers Psychology (seminar, 2 SWS)

### Workload:
- 100 Hours private studies and exercises
- 20 Hours in-classroom work

### Contents of teaching:
- Application of psychological theories to consumer behavior

### Qualification-goals/Competencies:
- Learning the basic knowledge about theories and models in consumer behavior
- Understanding the interdisciplinarity of the consumer science by reading and discussing the standard readings from different fields
- Students gain the ability to acquire and use the appropriate terms in consumer psychology
- Students can evaluate the results of studies in a critical way and set them in relation to other psychological theories and models
- Building connections between the consumer behavior and different mechanisms in psychology
- Students work in a group to develop a research project to investigate the psychological mechanisms of specific consumer behavior

### Grading through:
- Group work
- B-Certificate (not graded)

### Responsible for this module:
- Prof. Dr. phil. So Young Park

### Teacher:
- Institute for Psychology I
- Prof. Dr. phil. So Young Park

### Literature:
- Georg Felser: Werbe- und Konsumentenpsychologie
- Latest scientific publications:

### Language:
- offered only in German

### Notes:
The module examination is considered passing if it was graded as at least sufficient.
# PY1910-KP04, PY1910 - Psychophysics And Modelling of Behavioural Data (PsychphysV)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
<th>Turnus of offer:</th>
<th>each winter semester</th>
<th>Credit points:</th>
<th>4</th>
</tr>
</thead>
</table>

## Course of study, specific field and term:
- Bachelor Psychology before 2016 (optional subject), psychology, arbitrary semester
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

## Classes and lectures:
- Psychophysics and Behaviour (seminar, 2 SWS)

## Workload:
- 90 Hours private studies
- 30 Hours in-classroom work

## Contents of teaching:
- Modeling reaction times, accuracy
- Signal detection theory (SDT)
- Curve fitting, psychometric functions
- Simulations and basic data recording (Matlab)
- Studying and discussing original research articles
- Basic programming of psychophysical experiments

## Qualification-goals/Competencies:
- Students will learn the theoretical background and methods of psychophysics, as well as how to apply these methods to model behavioral data.
- In this practical seminar students will acquire skills in reading, presenting, and discussing the primary literature on psychophysics.

## Grading through:
- B-Certificate (not graded)

## Responsible for this module:
- Prof. Dr. rer. nat. Jonas Obleser

## Teacher:
- Institute for Psychology I
- Prof. Dr. rer. nat. Jonas Obleser
- Dr. rer. nat. Malte Wöstmann

## Literature:

## Language:
- offered only in German
# Module Guide

## PY1911-KP04 - Introduction to qualitative research (EinstQuali)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
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</thead>
<tbody>
<tr>
<td>Turnus of offer:</td>
<td>every summer semester</td>
</tr>
<tr>
<td>Credit points:</td>
<td>4</td>
</tr>
<tr>
<td>Max. group size:</td>
<td>15</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

### Classes and lectures:
- Introduction to qualitative research (seminar, 2 SWS)

### Workload:
- 90 Hours private studies
- 30 Hours in-classroom work

### Contents of teaching:
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### Qualification-goals/Competencies:
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### Grading through:
- presentation
- B-Certificate (not graded)

### Responsible for this module:
- Prof. Dr. phil. Lisa Malich

### Teacher:
- Institute for the History of Medicine and Science Studies

### Literature:
- :
- :
- :

### Language:
- offered only in German
## PY2904-KP04, PY2904 - Media Psychology (MedienPsy)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnus of offer:</td>
<td>each summer semester</td>
</tr>
<tr>
<td>Credit points:</td>
<td>4</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology before 2016 (optional subject), psychology, arbitrary semester
- Bachelor Biophysics (optional subject), no specific field, 6th semester
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester
- Bachelor Media Informatics (compulsory), psychology, 4th semester

### Classes and lectures:
- Media Psychology (lecture, 2 SWS)
- Media Psychology (seminar, 1 SWS)

### Workload:
- 75 Hours private studies and exercises
- 45 Hours in-classroom work

### Contents of teaching:
- History of media psychology
- Areas of application (human-computer-interaction, computer-mediated communication, infotainment and edutainment, video- and computer games, visualisation systems, e-learning, social networks)
- Methods for analysis and evaluation
- Multimedia interaction
- Multimodal interaction
- Media selection and media use
- Media reception
- Media effects
- Media socialisation and media competency

### Qualification-goals/Competencies:
- The students can explicate theories of media psychology using digital media as examples.
- They are able to draw conclusions from media psychology’s scientific contributions regarding multimedia and interactive media and to judge media use and media effects based on knowledge of media psychology.
- They are able to analyse and to evaluate digital media with methods from media psychology.
- They can cooperate effectively in interdisciplinary teams.

### Grading through:
- written exam

### Responsible for this module:
- Prof. Dr. rer. nat. Thomas Franke

### Teacher:
- Institute for Multimedia and Interactive Systems
- Dr. rer. nat. Daniel Wessel

### Literature:
- B. Batinic & M. Appel (Hrsg.): Medienpsychologie - Heidelberg: Springer, 2008

### Language:
- offered only in German
**PY2906-KP04, PY2906 - Take it or Leave it. How our brain makes decisions (TiLi)**

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnus of offer:</td>
<td>each winter semester</td>
</tr>
<tr>
<td>Credit points:</td>
<td>4</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

**Classes and lectures:**
- Take it or Leave it. How our brain makes decisions (seminar, 2 SWS)

**Workload:**
- 40 Hours private studies
- 30 Hours written report
- 30 Hours in-classroom work
- 20 Hours

**Contents of teaching:**
- Basic economic and psychological theories on decision making
- Introduction to methods used for investigating decision making
- Basic neuroscientific findings about decision making

**Qualification-goals/Competencies:**
- Students will acquire knowledge about basic theories on decision making in the field of economics, psychology and neuroscience
- Students have the opportunity to get an interdisciplinary view on the basic findings about decision making
- Student will be able to think critically about neuroscientific findings and to link those with the underlying theoretical models

**Grading through:**
- Written report
- Presentation

**Responsible for this module:**
- Prof. Dr. phil. So Young Park

**Teacher:**
- Institute for Psychology I
- M.Sc. Gabriele Bellucci

**Literature:**

**Language:**
- offered only in German

**Notes:**
The module examination is considered passing if it was graded as at least sufficient.
<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
<th>Turnus of offer:</th>
<th>each winter semester</th>
<th>Credit points:</th>
<th>4</th>
</tr>
</thead>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

**Classes and lectures:**
- Wissenschaftliches Kommunizieren (seminar, 2 SWS)

**Workload:**
- 90 Hours private studies
- 30 Hours in-classroom work

**Contents of teaching:**

**Qualification-goals/Competencies:**

**Grading through:**
- presentation
- B-Certificate (not graded)

**Responsible for this module:**
- Prof. Dr. phil. So Young Park

**Teacher:**
- Institute for Psychology I
- Ph.d. Apoorva Madipakkam

**Literature:**
- Barbara Hey: Präsentieren in Wissenschaft und Forschung - Springer 2011

**Language:**
- offered only in German

**Notes:**
The module examination is considered passing if it was graded as at least sufficient.
## PY2913-KP04 - Developmental psychology of adult age (EPErwachs)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>4</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

### Classes and lectures:
- Developmental psychology of adult age (seminar, 2 SWS)

### Workload:
- 80 Hours private studies and exercises
- 30 Hours in-classroom work

### Contents of teaching:
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### Qualification-goals/Competencies:
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### Grading through:
- presentation
- B-Certificate (not graded)
- active participation in the exercises

### Responsible for this module:
- Prof. Dr. rer. nat. Nico Bunzeck

### Teacher:
- Institute for Psychology I
- Davina Biel

### Literature:
- :

### Language:
- offered only in German
## PY2915-KP04 - Evolutionary Psychology (Evopsych)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
<th>Max. group size:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>irregularly</td>
<td>4</td>
<td>10</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

### Classes and lectures:
- Evolutionary Psychology (seminar, 20 SWS)

### Workload:
- 80 Hours privat studies (including essay)
- 30 Hours in-classroom work

### Contents of teaching:
- Basics: Theory of Evolution, Genetics & Epigenetics
- Altruism in humans and nonhuman animals
- Tool use & manufacture in nonhuman animals
- and much more

### Qualification-goals/Competencies:
- Knowledge in terms of evolutionary and comparative psychology.
- Communicating research and results to peers.
- Critical thinking and deduction
- Scientific writing
- Personal development, especially concerning communication and team collaboration

### Grading through:
- written homework

### Responsible for this module:
- Prof. Dr. rer. nat. Nico Bunzeck

### Teacher:
- Institute for Psychology I
- M.Sc. Catherine-Noémie Alexandrina Guran

### Literature:
- → to be announced

### Languages:
- German and English skills required
- Will be offered using an audience-oriented mixture of German and English
### PY2919-KP04 - Stimulus programming using Psychtoolbox (PTB) with Matlab® (StimPTB)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
<th>Max. group size:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>normally each year in the winter semester</td>
<td>4</td>
<td>20</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

**Classes and lectures:**
- Stimulus programming using Psychtoolbox (PTB) with Matlab®
  (seminar, 2 SWS)

**Workload:**
- 90 Hours private studies
- 30 Hours in-classroom work

**Contents of teaching:**
- First steps with Psychtoolbox (Installation, start and open windows, primary sources of errors)
- Create visual stimuli using text, images, objects [polygons, lines, dots, garbors, etc.]
- Animation and movement of objects
- Working with sound
- Interaction with hardware
- Create small experiments with graphical user interfaces (GUIs)

**Qualification-goals/Competencies:**
- Ability to work with Psychtoolbox using Matlab®
- Create small experiments, usage and handling of datasets
- Including Error handling and finding solutions

**Grading through:**
- B-Certificate (not graded)
- active participation in the exercises

**Responsible for this module:**
- Dr. rer. hum. biol. Andreas Sprenger

**Teacher:**
- Department of Neurology
  - Dr. rer. hum. biol. Andreas Sprenger
  - Dr. rer. nat. Dipl.-Psych. Marcus Heldmann

**Literature:**
- Internet Dokumentation Psychtoolbox: https://docs.psychtoolbox.org
- Internet Matlab Dokumentation: http://de.mathworks.com/help/matlab

**Language:**
- Will be offered using an audience-oriented mixture of German and English

**Notes:**
General knowledge in Matlab is a prerequisite, e.g. for bachelor students: PY2917, DawiPro or for master students: PY4880, FoDaMatlab.
### PY2920-KP04 - Personality Assessment (PersEinsch)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnus of offer:</td>
<td>each summer semester</td>
</tr>
<tr>
<td>Credit points:</td>
<td>4</td>
</tr>
</tbody>
</table>

#### Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

#### Classes and lectures:
- Personality Assessment (seminar with practical exercises, 2 SWS)

#### Workload:
- 90 Hours private studies and exercises
- 30 Hours in-classroom work

#### Contents of teaching:
- Einführung in und Überblick über zentrale Konzepte, Theorien, Methoden und Forschungsbereiche in der Personenwahrnehmung, interpersonellen Wahrnehmung und Persönlichkeitseinschätzung
- Überblick über Komponentielle Ansätze (z. B. Social Relations Modell)
- Überblick über Prozessmodelle (z. B. Linsenmodell)
- Verschiedene Forschungsgebiete (z. B. Konsensus und Akkuratheit in Persönlichkeitseinschätzungen)
- Verschiedene Forschungsgebiete (z. B. Konsensus und Akkuratheit in Persönlichkeitseinschätzungen)
- Aktuelle Forschungsergebnisse in der Persönlichkeitsdiagnostik

#### Qualification-goals/Competencies:
- Die Studierenden kennen grundlegende Konzepte, Theorien, Methoden und Forschungsbereiche in der Personenwahrnehmung, interpersonellen Wahrnehmung und Persönlichkeitseinschätzung
- Sie vertiefen ausgewählte Forschungsgebiete und verstehen Gemeinsamkeiten und Unterschiede zwischen ihnen
- Sie werden mit den Forschungsmethoden vertraut
- Sie erwerben Wissen im Fachgebiet Persönlichkeitsdiagnostik, dass an andere Grundlagen- und Anwendungsdisziplinen anknüpfen kann
- Sie sind in der Lage, aktuelle Fachartikel und Buchkapitel auf Englisch zu lesen, zu verarbeiten und kritisch abwägend zu diskutieren und zu bewerten
- Sie können komplexe Sachverhalte sicher und gut aufbereitet präsentieren

#### Grading through:
- presentation

#### Responsible for this module:
- Prof. Dr. rer. nat. habil John Rauthmann

#### Teacher:
- Institute for Psychology I
  - Prof. Dr. rer. nat. habil John Rauthmann

#### Literature:

#### Language:
- German and English skills required
### PY2922-KP04 - Progressive muscle relaxation: train-the-trainer (PMR)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
<th>Max. group size:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>4</td>
<td>11</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Master Psychology (optional subject), psychology, arbitrary semester
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

**Classes and lectures:**
- skills training (3 SWS)

**Workload:**
- 90 Hours private studies
- 30 Hours in-classroom exercises

**Contents of teaching:**
A prerequisite for reducing stress in stressful situations is the ability to relax, which can be anchored in the body through regular training. One possibility is progressive muscle relaxation (PMR) according to Edmund Jacobson. This is a procedure in which a state of deep relaxation of the entire body is achieved through the deliberate and conscious relaxation of certain muscle groups. The aim of the procedure is to reduce muscle tension below the normal level due to improved body perception. In addition, relaxation of the musculature should also reduce other signs of physical restlessness or arousal, such as palpitations, sweating or tremors. In addition, muscular tensions can be detected and loosened, thus reducing pain.

**Qualification-goals/Competencies:**
- Students learn the independent application of progressive muscle relaxation.
- The students qualify themselves to guide the PMR exercise towards third parties.

**Grading through:**
- continuous participation (>80%)
- contributions to the discussion
- B-Certificate (not graded)
- active participation in the exercises

**Responsible for this module:**
- Dipl.-Psych. Juliana Wiechert

**Teacher:**
- Dipl.-Psych. Juliana Wiechert

**Literature:**
- :

**Language:**
- offered only in German
<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
<th>Max. group size:</th>
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</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each summer semester</td>
<td>4</td>
<td>22</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology before 2016 (optional subject), psychology, arbitrary semester
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

**Classes and lectures:**
- Music Psychology (blockseminar (compact course), 2 SWS)

**Workload:**
- 60 Hours privat studies (including essay)
- 30 Hours in-classroom work
- 20 Hours

**Contents of teaching:**
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**Qualification-goals/Competencies:**
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**Grading through:**
- presentation
- 

**Responsible for this module:**
- Prof. Dr. rer. nat. Nico Bunzeck

**Teacher:**
- Institute for Psychology I
- M.Sc. Catherine-Noémie Alexandrina Guran

**Languages:**
- offered only in German
- German and English skills required
### PY2926-KP04 - Advanced: Stimulus programming using Psychtoolbox (PTB) with Matlab® (StimPTB2)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
<th>Max. group size:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>normally each year in the winter semester</td>
<td>4</td>
<td>20</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

**Classes and lectures:**
- Stimulus programming using Psychtoolbox (PTB) with Matlab® (seminar, 2 SWS)

**Contents of teaching:**
- Matlab functions, essential for Psychtoolbox
- Optimization of Psychtoolbox configuration
- Advanced text usage (continuous text, text scrolling, etc.)
- Sound generation and accurate timing of playback
- Usage of response devices
- Graphical user interface template
- Data management in experiments

**Workload:**
- 90 Hours private studies
- 30 Hours in-classroom work

**Contents of teaching:**
- Matlab functions, essential for Psychtoolbox
- Optimization of Psychtoolbox configuration
- Advanced text usage (continuous text, text scrolling, etc.)
- Sound generation and accurate timing of playback
- Usage of response devices
- Graphical user interface template
- Data management in experiments

**Qualification-goals/Competencies:**
- Extension of knowledge with Psychtoolbox using Matlab®
- Effective handling of stimulus sequences
- Operationalisation of research questions

**Grading through:**
- B-Certificate (not graded)

**Responsible for this module:**
- Dr. rer. hum. biol. Andreas Sprenger

**Teacher:**
- Department of Neurology
- Dr. rer. hum. biol. Andreas Sprenger
- Dr. rer. nat. Dipl.-Psych. Marcus Heldmann

**Literature:**
- Internet Dokumentation Psychtoolbox: https://docs.psychtoolbox.org
- Internet Matlab Dokumentation: http://de.mathworks.com/help/matlab

**Language:**
- Will be offered using an audience-oriented mixture of German and English

**Notes:**
General knowledge in Matlab is a prerequisite, e.g. for bachelor students: PY2917, DawiPro or for master students: PY4880, FoDaMatlab.
## PY3202-KP04 - Arbeits- und Organisationspsychologie in Praxi (AOPP)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>1 Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td>Turnus of offer:</td>
<td>irregularly</td>
</tr>
<tr>
<td>Credit points:</td>
<td>4</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester

### Classes and lectures:
- Arbeits- und Organisationspsychologie in Praxi (seminar-style lectures, 2 SWS)

### Workload:
- 90 Hours private studies and exercises
- 30 Hours in-classroom work

### Contents of teaching:
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### Qualification-goals/Competencies:
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### Grading through:
- Group work

### Responsible for this module:
- P.D. Dr. med., MBA Christian Elsner

### Teacher:
- Institute for Psychology I
- P.D. Dr. med., MBA Christian Elsner

### Literature:

### Language:
-
<table>
<thead>
<tr>
<th><strong>PY3600-KP06, PY3600 - Mental Health Nursing (PraCo)</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Duration:</strong> 1 Semester</td>
</tr>
<tr>
<td><strong>Course of study, specific field and term:</strong></td>
</tr>
<tr>
<td>- Bachelor Psychology before 2016 (compulsory), psychology, arbitrary semester</td>
</tr>
<tr>
<td>- Bachelor Psychology since 2016 (compulsory), psychology, arbitrary semester</td>
</tr>
<tr>
<td><strong>Classes and lectures:</strong></td>
</tr>
<tr>
<td>- internship (external block practical course, 12 SWS)</td>
</tr>
<tr>
<td><strong>Workload:</strong></td>
</tr>
<tr>
<td>- 180 Hours in-classroom work</td>
</tr>
<tr>
<td><strong>Contents of teaching:</strong></td>
</tr>
<tr>
<td>- Work experience in mental health nursing in the acute inpatient care and inpatient rehabilitation of men and women with mental or neurological disorders</td>
</tr>
<tr>
<td>- Examples of the task: implementing daily routines, teaching every-day skills, exposure exercises, assertiveness exercises, structured eating with patients with eating disorders, managing aggressive behavior in patients with dementia</td>
</tr>
<tr>
<td><strong>Qualification-goals/Competencies:</strong></td>
</tr>
<tr>
<td>- Conceptual knowledge: principles of mental health nursing; Procedural knowledge: application of learning theory principal in mental health nursing with patients</td>
</tr>
<tr>
<td><strong>Grading through:</strong></td>
</tr>
<tr>
<td>- Written report</td>
</tr>
<tr>
<td>- continuous, successful participation in practical course</td>
</tr>
<tr>
<td><strong>Responsible for this module:</strong></td>
</tr>
<tr>
<td>- Prof. Dr. Ulrich Schweiger</td>
</tr>
<tr>
<td><strong>Teacher:</strong></td>
</tr>
<tr>
<td>- Universitätsklinikum S-H</td>
</tr>
<tr>
<td>- Department of Neurology</td>
</tr>
<tr>
<td>- Clinic of Psychiatry and Psychotherapy</td>
</tr>
<tr>
<td>- Clinic for psychosomatics and psychotherapy</td>
</tr>
<tr>
<td>- Dipl.-Psych. Michaela Haller</td>
</tr>
<tr>
<td><strong>Literature:</strong></td>
</tr>
<tr>
<td>- Sauter &amp; Abderhalden: Lehrbuch Psychiatrische Pflege - Huber, 2011</td>
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<tr>
<td><strong>Language:</strong></td>
</tr>
<tr>
<td>- offered only in German</td>
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<tr>
<td><strong>Notes:</strong></td>
</tr>
</tbody>
</table>
| - Non graded certificate, students apply independent for internship places. The internship is not bound to a semester.
<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each semester</td>
<td>6</td>
</tr>
</tbody>
</table>

**Course of study, specific field and term:**
- Bachelor Psychology before 2016 (compulsory), psychology, arbitrary semester
- Bachelor Psychology since 2016 (compulsory), psychology, arbitrary semester

**Classes and lectures:**
- internship (external block practical course, 10 SWS)

**Workload:**
- 180 Hours in-classroom work

**Contents of teaching:**
- 
- 

**Qualification-goals/Competencies:**
- 

**Grading through:**
- Written report
- continuous, successful participation in practical course

**Responsible for this module:**
- Prof. Dr. phil. So Young Park

**Teacher:**
- Institute for Psychology I
- Dipl.-Psych. Michaela Haller

**Literature:**
- 

**Language:**
- depends on the chosen courses
# Module Guide

## PY4210-KP04, PY4210 - Engineering Psychology (IngPsy)

<table>
<thead>
<tr>
<th>Duration:</th>
<th>Turnus of offer:</th>
<th>Credit points:</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Semester</td>
<td>each winter semester</td>
<td>4</td>
</tr>
</tbody>
</table>

### Course of study, specific field and term:

- Master Robotics and Autonomous Systems (optional subject), interdisciplinary competence, 1st or 2nd semester
- Master MES since 2014 (optional subject), no specific field, 1st or 2nd semester
- Bachelor MES since 2014 (optional subject), no specific field, arbitrary semester
- Master Media Informatics (compulsory), psychology, 1st semester
- Bachelor Psychology since 2016 (optional subject), psychology, arbitrary semester
- Master Psychology (optional subject), psychology, arbitrary semester

### Classes and lectures:

- Engineering Psychology (lecture, 2 SWS)
- Engineering Psychology (seminar, 1 SWS)

### Workload:

- 75 Hours in-classroom work
- 45 Hours private studies and exercises

### Contents of teaching:

- Overview over the lecture: Special features, psychological basics
- Introduction and overview: definition, brief introduction to philosophy of technics, technology use in everyday life, brief history of engineering psychology
- Man-machine-systems: definition, application, design and evaluation of MMS, age-differentiated design
- Usability: User Experience, Accessibility, Inclusive Design
- Assistance and automation: strategies, consequences, taxonomies
- Human information processing in interaction with technical systems: structure and process, Mental Models and cognitive modelling, strengths and weaknesses, limits, task dependency, complex problem solving, typical errors, heuristics
- Summary

### Qualification-goals/Competencies:

- Students understand psychological fundamentals for the design and evaluation of man-machine-systems (MMS).
- Students can integrate their own work on MMS in a historical and sociological perspective.
- They can plan, coordinate and conduct usability studies and work effectively in interdisciplinary teams with engineering psychologists, ergonomics and usability specialists and designers.

### Grading through:

- Written or oral exam as announced by the examiner

### Responsible for this module:

- Prof. Dr. rer. nat. Thomas Franke

### Teacher:

- Institute for Multimedia and Interactive Systems
  - Prof. Dr. rer. nat. Thomas Franke

### Literature:

- W. Hacker: Allgemeine Arbeitspsychologie - Hogrefe Verlag, 2014

### Language:

- offered only in German