

University of Regensburg (UR)

Courses Taught in English at the Institute of Psychology

Course Program for Exchange Students



Universität Regensburg
INTERNATIONAL OFFICE

Introduction

The Institute of Psychology at the University of Regensburg sees psychology as an experimentally oriented, natural science discipline in the context of the human sciences. The traditional research focus of the Institute of Psychology is Experimental Psychology. To date, the institute consists of nine chairs that are equipped with modern laboratories for conducting classical psychophysics and behavioural experiments as well as eye movement and EEG studies. Moreover, the Institute has access to a modern 3T MRI scanner.

Course Offer in Psychology:

All full degree programs in Psychology are taught in German. For this reason, the majority of the courses is still taught in German. However, in order to increase the qualification of UR's students as well as the attractiveness to exchange students, **several courses taught in English** have been established over recent years. **This program is directed at advanced bachelor students as well as master students.**

Courses taught in English are offered mainly in the following fields of study:

- **Experimental Psychology**
- **Cognitive Neuroscience**
- **Health Science**

Course Offer outside of the Institute of Psychology

In addition, students may also take courses from other areas/faculties at UR for their elective modules at home. Students who are looking for courses in the field of Work, Organization and Business Psychology may take courses in our Business and Economics Faculty (e.g. *Behavioural Economics*, or *Human Resource Management*). In the field of Applied Psychology, courses like *Emotional Competencies of Teachers*, *Controversies in Education and Child Development* might be of interest, as well as courses in (Neuro-) Biology or Medicine.

Furthermore, students are welcome to improve their German language skills by participating in the program offered by UR's **German as a Foreign Language Unit**.

Language Requirements

Students wishing to take courses from the English-taught course program must have English knowledge on level B2 (according to CEFR) or better.

Intensive Language Course in German:

For all students who come to UR and have no or only very limited knowledge of German, we recommend participation in our pre-semester intensive language course (ILC). It takes place 5 weeks prior to the beginning of the regular semester and comprises 120hrs of German instruction as well as orientation on campus and the city, and extra-curricular activities.

Categories of Courses

To sum up, exchange students coming within an exchange program in the area Psychology may choose from the following categories of courses:

- **Courses from the Faculty of Human Sciences:**
 - Psychology
 - Educational Science
- **Courses from other departments and faculties like Business and Economics, Biology and Medicine, Physics, and the new Faculty for Informatics and Data Science (from 2023 onwards)**
- **Courses from the “German as a Foreign Language Unit”**
 - Pre-semester Intensive Language Course
 - German language courses during the semester
- **Special Courses for International Exchange Students with a Focus in German and European Studies and Culture e.g.:**
 - Perspectives on German Culture
 - Intercultural Communication
 - Sociological and Political Perspectives on Modern Germany
 - Courses from International Politics
- **Independent Studies**
 - In individual cases, it is also possible to arrange for individual studies for special research topics. These independent studies will be supervised by an instructor at one of the chairs in the Institute of Psychology. The number of ECTS awarded for these independent studies may vary between 8 ECTS and 12 ECTS depending on the workload and final assessment of the project.

Students are free to combine courses according to their needs unless the home university requires differently.

Course offer

Course Title	credits	level b (bachelor) m (master)	term w (winter) s (summer)
Empirical-experimental project seminar (M03)			
<i>Varying topics (psychophysics, eye tracking, fMRI, etc.)</i>	8 ECTS	b	w, s
Advanced Module Applied Cognitive Research (M19)			
Cognitive Neuro Sciences	4 ECTS	b	w, s
Advanced methods of data acquisition (M21)			
<i>Varying topics, e.g. Psychtoolbox, ePrime, Psychopy</i>			
M21.1 Practical course (work in the lab; report)	6 ECTS	m	w
M21.2 Seminar	4 ECTS	m	w
Advanced methods of data analysis (M22)			
<i>Varying topics, e.g. SPM, Fieldtrip, R</i>			
M22.1 Practical course (work in the lab, report)	6 ECTS	m	s
M22.2 Seminar	4 ECTS	m	s

Experimental and Cognitive Psychology (M28) <i>Varying topics, e.g.:</i>			
Topics in Cognitive Neurosciences	4 ECTS	m	w
Cognitive Neuroscience of Social Vision	4 ECTS	m	s
Machine Learning in Neuroscience	4 ECTS	m	w
Research Module (M27)			
Research Colloquium	2 ECTS	b, m	w, s
Module PSY-M-MScPR			
Research Internship	9 ECTS		w, s
Clinical Psychology and Neuropsychology (M29)			
Health Research	4 ECTS	m	w, s
Health and Environment	2 ECTS	m	w, s

L = Lecture; T = Tutorial ; S = Seminar; -

*** Level** There is some flexibility in the level: Bachelor students in their final year may also take courses from the Master program, as long as they have the necessary pre-knowledge on the course's topic.

I. Course Descriptions:

Empirical-experimental project seminar (M03)

This course within the module 'Empirical-experimental project seminar' is designed to gain an understanding of psychophysical methods of measuring visual perception and to acquire some practical skills to run and analyse psychophysical experiments. Teaching will be organized in the form of seminars and laboratory exercises. The research topics can vary from year to year, and can e.g. focus on face perception and perceptual learning.

Course Type: Seminar

Credits: 8 ECTS

Assessment: written project report

Contact: Dr Maka Malania (Chair of Experimental Psychology)

Advanced Module Applied Cognitive Research (M19)

Within this module, the Chair of Experimental Psychology and the Chair of Cognitive Neuroscience offer the seminar 'Kognitive Neurowissenschaften'. This seminar will introduce the participants to the topics explored in the area of visual and cognitive neuroscience. The topics will vary from term to term and may include: retinal processing, visual pathways, motion and depth perception, color vision, adaptation, perceptual organization, eccentric vision and crowding, rivalry, binocular vision and visual awareness, object recognition, scene perception, face perception, action recognition, eye movements, perceptual learning, attention, visual cognition and visual translational neuroscience.

Course Type: Seminar

Credits: 4 ECTS

Assessment: presenting one session, written examination; the latter can be graded or non-graded depending on the student's/home universities requirements.

Contact: Prof. Mark Greenlee & Dr Maka Malania (Chair of Experimental Psychology);
Prof. Angelika Lingnau & Dr. Marius Zimmermann (Chair of Cognitive Neuroscience)

Advanced methods of data acquisition (M21)

Within this module, the Chair of Experimental Psychology and the Chair of Cognitive Neuroscience offer practical courses (M21.1) and seminars (M21.2) that will introduce participants to techniques used in experimental psychology, e.g. Psychtoolbox, ePrime, Presentation or PsychoPy.

Some teachers require both courses M 21.1 and M 21.2 to be taken in combination only, other instructors allow students to take the courses individually.

- **Practical Course (M 21.1)**

Credits: 6 ECTS

Assessment: attendance, experimental work and written report

Contact: Dr. Wilhelm Malloni (Chair of Experimental Psychology)

- **Seminar (M 21.2)**
Credits: 4 ECTS
Assessment: attendance, work assignments
Contact: Dr. Wilhelm Malloni (Chair of Experimental Psychology)

Advanced methods of data analysis (M22)

Within this module, Dr. Malloni (Chair of Experimental Psychology) and Dr. Zimmermann (Chair of Cognitive Neuroscience) offer practical courses (M22.1) and seminars (M22.2) that will introduce participants to analysis methods used in functional MRI (e.g. SPM) and EEG research (e.g. Fieldtrip). Some teachers require both courses M 22.2 and M 22.2 to be taken in combination only, other instructors allow students to take the courses individually

- **Practical Course (M 22.1)**
Credits: 6 ECTS
Assessment: attendance, experimental work and written report
Contact: Dr. Wilhelm Malloni (Chair of Experimental Psychology); Dr. Marius Zimmermann (Chair of Cognitive Neuroscience)
- **Seminar (M 22.2)**
Credits: 4 ECTS
Assessment: attendance, work assignments
Contact: Dr. Wilhelm Malloni (Chair of Experimental Psychology); Dr. Marius Zimmermann (Chair of Cognitive Neuroscience)

Experimental and Cognitive Psychology (M28)

Within this module, the Chair of Experimental Psychology (Prof. Greenlee) and the Chair of Cognitive Neuroscience) offer seminars on a range of topics in the field of Experimental Psychology and Cognitive Neuroscience, including 'Methods in Cognitive Neuroscience', 'Cognitive Neuroscience of Social Vision', and 'Machine Learning in Neuroscience'.

- **Methods in Cognitive Neuroscience**
Credits: 6 ECTS
Assessment: attendance, oral presentation
Contact: Prof. Mark Greenlee (Chair of Experimental Psychology);
Prof. Angelika Lingnau (Chair of Cognitive Neuroscience)
- **Cognitive Neuroscience of Social Vision**
Credits: 6 ECTS
Assessment: attendance, oral presentation
Contact: Prof. Mark Greenlee (Chair of Experimental Psychology);
Prof. Angelika Lingnau (Chair of Cognitive Neuroscience)
- **Machine Learning in Neuroscience**
Credits: 6 ECTS
Assessment: attendance, oral presentation
Contact: Prof. Mark Greenlee (Chair of Experimental Psychology);
Prof. Angelika Lingnau (Chair of Cognitive Neuroscience)

Research Colloquium (Research Module, M27)

Within this module, the Chair of Experimental Psychology (Prof. Greenlee), the Chair of Cognitive Neuroscience (Prof. Lingnau) and the Chair of General and Applied Psychology (Prof. Dreisbach) offer a weekly Research Colloquium. In these colloquia, scientific results are presented and discussed in the form of presentations on ongoing Master- and PhD projects, talks by invited speakers and journal clubs.

Course Type: colloquium

Credits: 2 ECTS

Assessment: communication of scientific results (which may also include the presentation of results from the student's own master thesis, depending on how advanced the student is)

Contact: Prof. Mark Greenlee (Chair of Experimental Psychology);
Prof. Prof. Angelika Lingnau (Chair of Cognitive Neuroscience);
Prof. Gesine Dreisbach (Chair of General and Applied Psychology)

Research Internship (PSY-M-MScPR)

Within this module, the Chair of Experimental Psychology (Prof. Greenlee), the Chair of Cognitive Neuroscience (Prof. Lingnau) and the Chair of General and Applied Psychology (Prof. Dreisbach) offer research internships (240 hours) on a range of different topics, including multisensory integration during self-motion; mid-level vision in autism spectrum; visual, auditory, multisensory perception and perceptual learning; action recognition; cognitive control, conflict processing, cognition-emotion interactions. Students will be supervised in all stages of experimentation (literature research, programming, data analysis, and data presentation). Participation should be combined with participation in the corresponding research colloquium.

Course Type: internship

Credits: 9 ECTS

Assessment: written report and oral presentation

Contact: Prof. Mark Greenlee (Chair of Experimental Psychology);
Prof. Prof. Angelika Lingnau (Chair of Cognitive Neuroscience);
Prof. Gesine Dreisbach (Chair of General and Applied Psychology)

Clinical Psychology and Neuropsychology (M29)

In this module, the Chair of Health Research and Neuropsychology (Prof. Lange) offers the seminars 'Health Research' and 'Health and Environment'. The seminar 'Health Research' addresses the role of lifestyle factors, such as physical activity and nutrition, in disease prevention and health promotion regarding non-communicable diseases and mental disorders. Furthermore, the seminar provides a critical overview of preventive, therapeutic and rehabilitative measures in chronic disease.

The seminar 'Health and Environment' explores the role of environmental factors (e.g. built environment, infrastructure, access to health care, geography, climate, pollution) in causing acute and chronic diseases and mental disorders.

- **Health Research**

Credits: 4 ECTS

Assessment: oral presentation

Contact: Prof. Klaus Lange (Chair of Health Research and Neuropsychology)

- **Health and Environment**

Credits: 2 ECTS

Assessment: oral presentation

Contact: Prof. Klaus Lange (Chair of Health Research and Neuropsychology)

Further Information:

Information on all courses can be accessed via the **Course Catalogue:**
<https://lsf.uni-regensburg.de>



Please see our **orientation guide** for incoming students for further information on German language courses, housing, insurance, orientation programs, etc.:
<https://www.uni-regensburg.de/ur-international/exchange-students>



Contact:

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UR International homepage:

<https://www.uni-regensburg.de/international/incomings/austausch/index.html> (German version)

<https://www.uni-regensburg.de/ur-international/incomings/exchange-programs/index.html>

(English version)

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