

M.Sc. Psychology, Friedrich Schiller University, Jena

Branch of Study:

**Cognitive Psychology and Cognitive  
Neuroscience**  
**(Kognitive Psychologie und Kognitive  
Neurowissenschaften)**

# Objectives

- To convey modern Cognitive Sciences, considering both current methodological approaches (particularly those of the Cognitive Neurosciences) and emotional and social determinants of human experience and behaviour
- To provide basic training which enables students to work in scientifically-grounded professional fields as M.Sc. in Psychology, such as in healthcare, industry, and non-profit organisations
- To focus on international research, and provide a curriculum with courses in English where requested
- To support preparation for PhD study and scientific career where requested

Cognitive Psychology and Cognitive Neurosciences

# Structure and People

Responsible for Study Branch: Prof. Stefan R. Schweinberger

General Modules (Prof. Neyer, Prof. Steyer, N.N.):

Students obtain key competences for scientific work in psychological contexts (research methods, diagnostics, statistics, evaluation, intervention, etc.)

Specialised Branch Modules:

1. Neuroscience (Module 1, Prof. Miltner/Prof. Kovács)
2. Information Processing (Module 2; Prof. Schweinberger)
3. Cognition, Emotion and Action (Module 3, Prof. Rothermund)
4. Cognition in Social Contexts (Module 4, Prof. Kessler)
5. Project Work (Module 5, Rothermund/Schweinberger)
6. Methods and Diagnostics in Cognitive Psychology and Neurosciences (Module 6, Schweinberger/Miltner/Rothermund)

# Exams

## Compulsory:

- Modules 1-4: active and successful participation in 2 courses (out of a choice of 3-5) per module
- Module 5: marked project report
- Module 6: active and successful participation in 2 courses (e.g., one in methods, and one in diagnostics)

Modules are typically completed with one written examination on the contents of one course. Proof of successful participation in another course of the module is a prerequisite for admission to the exam.

# Example Curriculum – General Part

General Part

1st term	2nd term	3rd term	4th term
<b>Methods of Evaluation Research</b> <b>M-PSY-A102 (8CP)</b> 2 Lectures + Exercise	<b>Item-Response-Theory</b> <b>M-PSY-A101 (5CP)</b> Lecture + Exercise	<b>Psychological Diagnostics</b> <b>M-PSY-A104 (3CP)</b> Seminar	
<b>Psychological Diagnostics</b> <b>M-PSY-A104 (4CP)</b>  Lecture Seminar	<b>Report Preparation</b> <b>M-PSY-A105 (4CP)</b> Seminar		
	<b>Research Synthesis</b> <b>M-PSY-A103 (3CP)</b> Lecture	<b>Supplementary Subject</b> <b>M-PSY-A108 (9CP)</b>  2 Lectures Seminar	

CP credit points

## Cognitive Psychology and Cognitive Neurosciences

# Example Curriculum – Specialised Part

### Specialised Branch Modules

1st term	2nd term	3rd term	4th term
<b>Neuroscience</b> <b>M-PSY-KN201 (3CP)</b>  Seminar 1	<b>Neuroscience</b> <b>M-PSY-KN201 (3CP)</b>  Seminar 2		
<b>Information Processing</b> <b>M-PSY-KN202 (3CP)</b>  Seminar 1	<b>Information Processing</b> <b>M-PSY-KN 202 (3CP)</b>  Seminar 2		
<b>Cognition, Emotion and Action</b> <b>M-PSY-KN203 (3CP)</b>  Seminar 1	<b>Cognition, Emotion and Action</b> <b>M-PSY-KN203 (3CP)</b>  Seminar 2	<b>Cognition in Social Context</b> <b>M-PSY-KN204 (3CP)</b>  Seminar 1	<b>Cognition in Social Context</b> <b>M-PSY-KN204 (3CP)</b>  Seminar 2
	<b>Project Work</b> <b>M-PSY-PKN205 (4CP)</b> Project	<b>Project Work</b> <b>M-PSY-PKN205 (5CP)</b> Project + Colloquium	<b>Master Thesis</b> <b>M-PSY-400 (30CP)</b>
	<b>Methods and Diagnostics</b> <b>M-PSY-MDKN206 (6CP)</b>  Seminar Methods Seminar Diagnostics		

# Strategies for Planning your Career with Individualised Curricula:

- Scientific professions (e.g., academic research or research in industry and organisations)
- „Communication-orientated“ professions (e.g., social cognition, person perception, global communication, leadership training, personnel selection)
- Professions related to healthcare (e.g., clinical neuroscience, neuropsychological rehabilitation, developmental disorders including autism spectrum disorders)

# Cognitive Psychology and Cognitive Neurosciences

## Example Curriculum – Focus on Cognitive Research

### Specialised Branch Modules

1st term	2nd term	3rd term	4th term
<b>Neuropsychology of Visual Processing</b> <b>M-PSY-KN201 (3CP)</b> Seminar 1 (Zäske)	<b>Projekt Work: Action regulation</b> <b>M-PSY-PKN205 (4CP)</b> Project (NN/Koranyi)	<b>Neuroscientific Foundations of Cognition</b> <b>M-PSY-KN201 (3CP)</b> Seminar 2 (Weiss)	
<b>Developmental cognitive neuroscience</b> <b>M-PSY-KN202 (3CP)</b> Seminar 1 (Dobel)	<b>Basic and Applied Aspects of Cognition</b> <b>M-PSY-KN 202 (3CP)</b> Seminar 2 (Kaufmann)	<b>Neuropsychological Assessment</b> <b>M-PSY-MDKN206 (3CP)</b> Seminar 2 (Bublak/Kreysa)	
<b>Emotion and action regulation across the lifespan</b> <b>M-PSY-KN203 (3CP)</b> Seminar 1 (Bellingtier)	<b>Basic and Applied Aspects of Action Control</b> <b>M-PSY-KN203 (3CP)</b> Seminar 2 (NN)	<b>Social Cognition and Social Neuroscience</b> <b>M-PSY-KN204 (3CP)</b> Seminar 1 (Schneider)	<b>Person Perception</b> <b>M-PSY-KN204(3CP)</b> Sem. 2 (Schweinberger)
<b>Structural NeuroImaging: Practical Introduction</b> <b>M-PSY-MDKN206 (3CP)</b> Seminar 1 (Gaser)		<b>Projekt Work: Action Regulation</b> <b>M-PSY-PKN205 (5CP)</b> Project + Colloquium (NN/Koranyi/Rothermund)	<b>Master Thesis</b> <b>M-PSY-400 (30CP)</b>



# Cognitive Psychology and Cognitive Neurosciences

## Example Curriculum – Focus on Experimental and Clinical Neuroscience

### Specialised Branch Modules

1st term	2nd term	3rd term	4th term
<b>Neuroscientific Foundations of Cognition</b> <b>M-PSY-KN201 (3CP)</b>  Seminar 1	<b>Project Work: Action regulation: Clinical Perspective</b> <b>M-PSY-PKN205 (4CP)</b>  Project	<b>Project Work: Neurosciences</b> <b>M-PSY-PKN205 (5CP)</b>  Project + Colloquium	<b>Basics, Diagnosis and Treatment of Neuropsychological Disorders</b> <b>M-PSY-KN201 (3CP)</b>  Seminar 2
<b>Memory and Memory Failures</b> <b>M-PSY-KN202 (3CP)</b>  Seminar 1	<b>Cognitive Ageing</b> <b>M-PSY-KN 202 (3CP)</b>  Seminar 2	<b>Social Categories: Autom. &amp; Controlled Processes</b> <b>M-PSY-KN204 (3CP)</b>  Seminar 1	<b>Developmental Disorders and Socio-Cognitive Functioning</b> <b>M-PSY-KN204 (3CP)</b>  Seminar 2
<b>Affective Processing</b> <b>M-PSY-KN203 (3CP)</b>  Seminar 1	<b>Regulation of Affect and Action across Life-Span</b> <b>M-PSY-KN 202 (3CP)</b>  Seminar 2		
<b>Neuropsychological Assessment</b> <b>M-PSY-MDKN206 (3CP)</b>  Seminar 1	<b>Methods of Cognitive and Affective Neuroscience</b> <b>M-PSY-MDKN206 (3CP)</b>  Seminar 2)		<b>Master Thesis</b> <b>M-PSY-400 (30CP)</b>

# General Information I

## „Cognitive Psychology and Cognitive Neurosciences“

- In general, you are welcome to participate in courses offered within the study branch depending on vacancies. Students enrolled for the study branch are given priority access.
- The study branch comprises a supplementary subject termed „Clinical Psychology“; this is to maintain the option of later training in psychotherapy and licence to practise as a psychotherapist („Approbation“). We will aim at keeping this option for the future in case of possible changes to relevant regulations by adjustments of the current curriculum where necessary (at least as long as the „Direktstudiengang Psychotherapy“ does not yet exist).
- The M.Sc. in the present study branch can be studied in English.
- The selection of courses in English partly depends on request. Please note that there may be a limited choice of English courses initially. Detailed information can be obtained from the respective responsible person of the study branch.

# General Information II

## „Cognitive Psychology and Cognitive Neurosciences“

- Some courses are offered in German, but the majority of courses will be delivered in English
- The timeliness of the M.Sc. study programme is guaranteed by a variety of funded research projects and research groups of the teaching departments. Do not hesitate to use this opportunity for your own projects, as well as to visit events, colloquia, workshops and presentations by renowned international scientists!
- We have a number of newer appointments providing English teaching in a range of new topics. Examples include:
  - Prof. Gyula Kovács (Dept. of Biological Psychology and Cognitive Neuroscience)
  - Dr. Geza Gergely Ambrus
  - M.Sc. Catarina Pereira Amado
  - Dr. Dana Schneider (Social Psychology)
  - Dr. Jennifer Bellingtier (Developmental Psychology)

## General Information III

# „Cognitive Psychology and Cognitive Neuroscience “ Groups and International Research Initiatives

- Center for Applied Developmental Science (CADS) / New: Center for Lifespan Developmental Science <http://www2.uni-jena.de/svw/devpsy/cads/start.php>
- Social Potentials in Autism Research Unit <http://www.autismus.uni-jena.de>
- Department of General Psychology and Cognitive Neuroscience  
<http://www.allgpsy.uni-jena.de/>
- Department of Biological Psychology and Cognitive Neuroscience  
<http://www.cogsci.uni-jena.de/>
- Department of General Psychology II  
<http://www2.uni-jena.de/svw/allgpsy2/>
- Department of Biological and Clinical Psychology  
<http://www.biopsy.uni-jena.de/>
- Department of Social Psychology  
<http://www.sozialpsychologie.uni-jena.de/>
- Department of Developmental Psychology  
<http://www.devpsy.uni-jena.de/>

# (Some of) your Lecturers' Faces



C. Dobel



D. Seewald



R. Zäske



D. Schneider



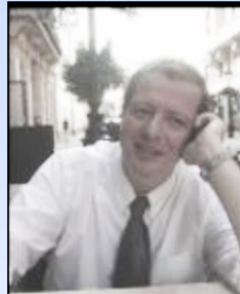
C. Giesen



H. Kreysa



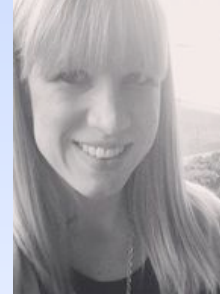
C. Gaser



G. Kovács



F. Neyer



J.A. Bellingtier



J. Kaufmann



K. Rothermund



T. Weiß



M. Reitzle

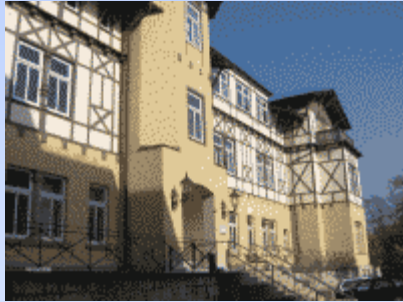


S. Schweinberger



T. Kessler

**Last but not least...**



**Welcome to Jena as a student in the  
M.Sc. course in Psychology!**