

M.Sc. Psychology, Friedrich Schiller University, Jena

Branch of Study:

**Cognitive Psychology and Cognitive  
Neurosciences**

# 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 industry, healthcare, 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):

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

Specialised Branch Modules:

1. Neuroscience (Module 1, Prof. Miltner)
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, Miltner/Rothermund/Schweinberger)

# 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 (i.e. one out of 2 courses in methods, and 1 course 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
<p><b>Methods of Evaluation Research</b>  <b>M-PSY-A102 (8CP)</b>                      2 Lectures + Exercise</p>	<p><b>Item-Response-Theory</b>  <b>M-PSY-A101 (5CP)</b>                      Lecture + Exercise</p>	<p><b>Psychological Diagnostics</b>  <b>M-PSY-A104 (3CP)</b>                      Seminar</p>	
<p><b>Psychological Diagnostics</b>  <b>M-PSY-A104 (4CP)</b></p> <p>Lecture                      Seminar</p>	<p><b>Report Preparation</b>  <b>M-PSY-A105 (4CP)</b>                      Seminar</p>		
	<p><b>Research Synthesis</b>  <b>M-PSY-A103 (3CP)</b>                      Lecture</p>	<p><b>Supplementary Subject</b>  <b>M-PSY-A108 (9CP)</b></p> <p>2 Lectures                      Seminar</p>	

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

# 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	<b>Projekt Work: Cognition, Affect, and Action</b> <b>M-PSY-PKN205 (4CP)</b> Project	<b>Neuroscientific Foundations of Cognition</b> <b>M-PSY-KN201 (3CP)</b> Seminar 2	
<b>Memory and Memory Failures</b> <b>M-PSY-KN202 (3CP)</b> Seminar 1	<b>Basic and Applied Aspects of Cognition</b> <b>M-PSY-KN 202 (3CP)</b> Seminar 2		
<b>Affect and Cognition</b> <b>M-PSY-KN203 (3CP)</b> Seminar 1	<b>Basic and Applied Aspects of Action Control</b> <b>M-PSY-KN203 (3CP)</b> Seminar 2	<b>Social Categories: Autom. &amp; Controlled Processes</b> <b>M-PSY-KN204 (3CP)</b> Seminar 1	<b>Person Perception</b> <b>M-PSY-KN204 (3CP)</b> Seminar 2
	<b>Behavioural and Electrophysiological Methods of Mental Chronometry</b> <b>M-PSY-MDKN206</b>	<b>Projekt Work: Cognition, Affect, and Action</b> <b>M-PSY-PKN205 (5CP)</b> Project + Colloquium	<b>Master Thesis</b> <b>M-PSY-400 (30CP)</b>
	<b>Implicit Assessment of Cognitive Processes and Structures</b> <b>M-PSY-MDKN206</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: Neurosciences</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>Methods of Cognitive and Affective Neuroscience</b> <b>M-PSY-MDKN206</b>	<b>Regulation of Affect and Action across Life-Span</b> <b>M-PSY-KN 202 (3CP)</b>  Seminar 2	
	<b>Implicit Assessment of Cognitive Processes and Structures</b> <b>M-PSY-MDKN206</b>		<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 education in psychotherapy and licence to practise as a psychotherapist („Approbation“). To guarantee this option for the future in case of possible changes to relevant regulations, we plan to respond with adjustments of the current curriculum where necessary.
- 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“**

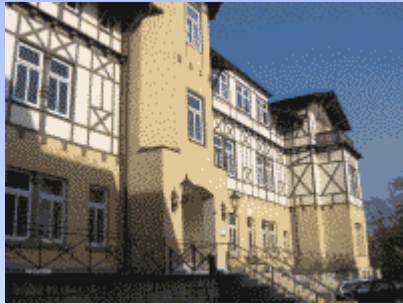
- Diploma students: for their final degree, diploma students can obtain credits in most M.Sc. courses. Please contact the respective lecturer in advance.
- The timeliness of the M.Sc. study programme is guaranteed by a variety of funded research projects and research groups of the teaching departments. 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!

## General Information III

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

- DFG Research Unit Person Perception (FOR1097)  
<http://www2.uni-jena.de/svw/Allgpsy1/indexppru.html>
- Center for Applied Developmental Science (CADS) <http://www2.uni-jena.de/svw/devpsy/cads/start.php>
- Department of General Psychology/Cognitive Neurosciences  
<http://www2.uni-jena.de/svw/Allgpsy1/index.html>
- 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://www2.uni-jena.de/svw/devpsy/>

**Last but not least...**



**We are looking forward to  
welcoming you in Jena as a student  
in the M.Sc. course in Psychology!**