



## CAN TEAM

### Prof. Dr. Thomas Goschke

Thomas Goschke is Professor of General Psychology and investigates cognitive control and goal-directed behavior. He is spokesperson of the CRC 940 „Volition and Cognitive Control“.

### Prof. Dr. Clemens Kirschbaum

Clemens Kirschbaum is Professor of Biological Psychology and an expert in stress research. He is head of the biochemical and immunological labs of the Department of Psychology.

### Prof. Dr. Shu-Chen Li

Shu-Chen Li is Professor of Lifespan Developmental Neuroscience. Her research focuses on neuromodulation of the cognitive-affective development of perception, memory, executive control, and motivation as well as plasticity.

### Prof. Dr. Alexander Strobel

Alexander Strobel is Professor of Differential and Personality Psychology. His main research focus lies on neurobiology of interindividual differences in temperament and cognition.

### Prof. Dr. Stefan Kiebel

Stefan Kiebel is Professor of Neuroimaging and expert in methods for the statistical analysis of neuroimaging data. His research focuses on the development of mathematical models for cognitive functions such as decision-making and learning.

### Prof. Dr. Katharina von Kriegstein

Katharina von Kriegstein is Professor of Cognitive and Clinical Neuroscience. The goal of her research programme is to understand the sensory processes that enable us to communicate successfully with each other.

### Prof. Dr. Stefan Scherbaum

Stefan Scherbaum is Professor for psychological research methods and cognitive modeling. His research focusses on the development of cognitive process models and continuous behavioral and neural measures of cognitive process, especially decision processes and processes of social coordination.

## CONTACT

### Internet

<http://psychologie.tu-dresden.de/CAN>

### Adviser

Prof. Dr. Alexander Strobel  
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### Visitor Address

Faculty of Psychology  
Zellescher Weg 17, 4th floor, room A405  
01069 Dresden

### Application Address

All applicants first apply online at  
<https://tu-dresden.de/studium/vor-dem-studium/bewerbung/online-bewerbung>

Then applicants send their application documents, see here for the respective addresses:

<https://tud.link/itnp>

### Application Deadline

15 July

### Foreign applicants

Applicants with a foreign Bachelor degree apply online via uni assist by 15 July (EU Bachelor degree) or by 31 May / 15 January (non-EU Bachelor degree)

Application guidelines for international students:

<https://www.uni-assist.de/en/how-to-apply/>



MASTER OF SCIENCE

PSYCHOLOGY

COGNITIVE-AFFECTIVE  
NEUROSCIENCE



## THE CAN CURRICULUM

### Study Content

The CAN curriculum covers the entire spectrum of cognitive-affective neurosciences. It contains modules for the basics, methods and application of cognitive-affective neurosciences and can be supplemented with modules in Clinical Psychology and Psychotherapy or Human Performance in Socio-Technical Systems.

### Study Conditions

Dresden offers excellent research and teaching opportunities. The Department of Psychology at the TU Dresden has scored top standings in the CHE-ranking for years, one of the reasons being the good student evaluations. For the CAN Masters Program, we will do everything possible to maintain and strengthen the high education quality. Our established structures for quality assessment in research and teaching, strong community and level communication between faculty and students guarantee achievement of this goal. The key aspects of the CAN program are closely linked to the Collaborative Research Centre, CRC 940 "Volition and Cognitive Control". You can expect an excellent technical infrastructure, including a research-dedicated 3 Tesla MRI scanner, multiple labs for behavioral experiments, as well as psychophysiological, biochemical and immunological research. This setting, both from a human resource as well as from a technical perspective, provides a Master program that is competitive on an international level.

### Job Perspectives

Research and education at universities or other research institutes; research, development and counseling in economy; clinical psychology

## APPLICATION REQUIREMENTS

### General Requirements

- first-level university degree that is accepted in the Federal Republic of Germany (e.g., B.Sc.) with at least 6 semesters major in Psychology or a related field
- fluency in German and English language (B2 level)
- Special requirements (see below)

### Special Requirements

- proof of good knowledge (i.e., 4 hours/6 credits) in the following areas\*
  1. Psychological Methods
  2. Statistics
  3. General Psychology
  4. Biological Psychology
  5. Psychological Assessment
  6. Developmental Psychology
  7. Differential and Personality psychology
  8. Social Psychology
- \*1.-4.: proof mandatory, 5.-8.: proof for at least 2 areas

### Ranking

- The ranking is done by dividing the sum of the documented credits by the graduation grade (or by the preliminary grade if at least 80% of all course credits are documented).

## CURRICULUM

### General Remarks

- extent: full schedule program with 120 course credits
- standard duration: 4 semesters
- start: annually in winter semester
- format: 8 required modules and 2 elector modules
- number of seats: 30
- teaching language: currently mainly German

### Required Modules

CP: 75

CAN1: Cognitive Neuroscience	12
CAN2: Psychobiology	9
CAN3: Lifespan Developmental Neuroscience	9
CAN4: Neurobiology of Individual Differences	9
CAN5: Cognitive Neuroscience Methods	9
CAN6: Advanced Statistical Methods	6
CAN7: Applied Cognitive Neuroscience	9
CAN-I: CAN Internship	12

### Elective Modules

CP: 15

Students can choose between modules on Human Performance in Socio-Technical Systems and Clinical Psychology and Psychotherapy Psychologie. The catalogue of elector modules is subject to regular updates.

### Master Thesis

CP: 30