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CAN TEAM

Prof. Dr. Thomas Goschke

Thomas Goschke is Professor of General Psychology and investigates cognitive control and goal-directed behavior. Here, he especially focuses on the mechanisms underlying self-control.

Prof. Dr. Stefan Kiebel

Stefan Kiebel is Professor of Cognitive Computational Neuroscience and an expert in methods for the statistical analysis of neuroimaging data. His research focuses on the development of computational 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 program is to understand the sensory processes that enable us to communicate successfully with each other.

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. 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.

Prof. Dr. Bernhard Spitzer

Bernhard Spitzer is Professor of Biopsychology and studies bio-psycho-social mechanisms of action with a focus on brain functions and connectivity, emotions, as well as interpersonal and intergroup behaviour.

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.

CONTACT

Adviser

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Visitor's Address

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

How to apply

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

Second, applicants with a German Bachelor's degree, please upload the required application documents here:

or send the required application documents to:
(not preferred but currently still possible)

> Technische Universität Dresden
> Fakultät Psychologie
> Professur Differentielle und Persönlichkeitspsychologie
> Helmholtzstr. 10
> D-01069 Dresden, Germany

International applicants with a Bachelor's degree obtained in Germany, please send the required application documents to:

> Technische Universität Dresden
> International Office
> Helmholtzstr. 10
> D-01069 Dresden, Germany

Applicants with a Bachelor's degree obtained abroad:
https://www.uni-assist.de/en/

Application guidelines for international students:
https://www.uni-assist.de/en/how-to-apply/

MASTER OF SCIENCE

PSYCHOLOGY

COGNITIVE-AFFECTIVE NEUROSCIENCE

CAN PROGRAM

Study Content

The CAN curriculum covers the entire spectrum of cognitive-affective neurosciences. It contains modules for basics, methods and application of cognitive-affective neurosciences and can be supplemented with additional elective modules.

Study Conditions

Dresden offers excellent research and teaching opportunities. The Department of Psychology at TU Dresden has achieved top scores 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 communication on equal footing between faculty and students guarantee the achievement of this goal. You can expect an excellent technical infrastructure, including a research-dedicated 3 Tesla MRI scanner, a facility for transcranial magnetic stimulation as well as multiple labs for behavioral experiments and EEG/psychophysiological research. This setting, both from a human resource as well as from a technical perspective, provides a Master degree that is competitive on an international level.

Job Perspectives

Research and education at universities or other research institutes; research, development and counseling in economy; neuropsychology (requires further training); data science and research data management.

APPLICATION REQUIREMENTS

General Requirements

- first-level university degree that is accepted in Germany (e.g., B.Sc.) with at least 6 semesters major in Psychology or a related field
- fluency in German (C1 level) and English language (B2 level)

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 (those required for basic eligibility plus any further credits pertaining to either one of the eight core research areas) by the graduation or the preliminary grade

Please note! We do not offer preparatory or bridge courses to amend lacking requirements.

Application Deadlines

- for applicants and international applicants (EU) with a university degree obtained in Germany or abroad: **01.06.–15.07.** or **01.04.–15.07.** of the respective year
- for internationaö applicants (non-EU) with a university degree obtained abroad: **01.04.–31.05.** of the respective year

CURRICULUM

General Remarks

- extent: full schedule program with 120 course credits
- standard duration: 4 semesters
- start: annually in winter semester
- format: 8 compulsory and 2-3 electoral modules
- number of places: 30
- teaching language: teaching language is currently mainly German, prospectively it will be mainly English

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 elective modules on e.g., Human Factors, Occupational Health Psychology, Psychiatry, Psychoendocrinology and psychoimmunology, Psychological Assessment, and Digitally Embodied Perception and Cognition. The catalog of elective modules is subject to regular updates and changes.

Master Thesis   CP: 30