



Deutscher Akademischer Austauschdienst
German Academic Exchange Service



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Bachelor's degree



Cognitive Science (BSc)

Osnabrück University • Osnabrück

Overview

Degree	Bachelor of Science in Cognitive Science
Teaching language	<ul style="list-style-type: none">• German• English
Languages	<p>Courses are taught in German and English.</p> <p>We offer German courses for foreign students, and we offer English courses for anyone who is interested.</p>
Programme duration	6 semesters
Beginning	Winter semester
Application deadline	<ul style="list-style-type: none">• 15 June for non-EU citizens via uni-assist• 15 July for EU citizens directly at Osnabrück University <p>For details of the application procedure, please consult our website.</p>
Tuition fees per semester in EUR	None
Joint degree / double degree programme	No
Description/content	<p>The Bachelor's programme is designed to provide a sound foundation in the core areas of cognitive science:</p> <ul style="list-style-type: none">• Artificial intelligence (e.g. algorithms, mathematical foundations, logic, knowledge representation, planning, multi-agent systems)• Neuroinformatics and robotics (e.g. machine learning, reinforcement learning, autonomous robots)• Cognitive psychology (e.g. methods of empirical research, text comprehension, personality systems, human-computer interaction)• Neuroscience (e.g. visual attention, sensory-motor representation, computer simulation, optical imaging, EEG)• Computational linguistics (e.g. syntax and the lexicon, context-dependence, semantics-pragmatics interface, quantitative linguistics, human language processing)• Philosophy for Cognitive Science (e.g. mind reading, emergence, phenomenal consciousness, emotions, philosophy of psychoanalysis, freedom of the will, ethics of artificial intelligence) <p>Particular emphasis is placed on the methods employed in these fields and on their interdisciplinary relationships. Students will acquire empirical skills, analytical skills and also engineering skills. Beyond this, students are introduced to more advanced topics in their selected</p>

areas of study.

Course Details

Course organisation

The Bachelor's programme comprises 180 ECTS credits (including thesis) spread over six semesters, one of which (preferably the fifth semester) must be spent at a foreign university. The programme is completed with a Bachelor's thesis (12 ECTS credits). The courses are documented in German and English in accordance with ECTS.

Mentoring: Student mentors offer advice on all questions concerning studies.

Tutorials: most undergraduate courses are supported by tutorials held by senior students under the guidance of the lecturer. This provides assistance to newcomers and promotes cooperation between students.

» [PDF Download](#)

A Diploma supplement will be issued

Yes

International elements

- Integrated study abroad unit(s)

Integrated study abroad unit(s)

Students of the Bachelor's programme will spend one semester at one of our partner universities. The Osnabrück cognitive science programme cooperates with over thirty cognitive science programmes all over the world. To name only a few:

- Rutgers University, New Jersey, USA
- University of Trento/Rovereto, Italy
- University of Edinburgh, Scotland
- University of Bahia, Brazil
- New Bulgarian University, Sofia, Bulgaria
- University of Nancy 2, France
- Lund University, Sweden
- University College Dublin, Ireland

Integrated internships

Instead of doing a study abroad unit, students may complete an internship abroad (usually in a foreign research group).

Our students are very successful when they apply for RISE and Mitacs internship stipends.

Course-specific, integrated German language courses

No

Course-specific, integrated English language courses

No

Costs / Funding

Tuition fees per semester in EUR

None

Semester contribution

Each semester, students are required to pay approx. 350 EUR as a semester fee (including free use

of regional public transport services).

Costs of living

In order to cover personal expenses during the study programme, we recommend that students budget at least 860 EUR per month for accommodation, living, health insurance, books and miscellaneous expenses.

Funding opportunities within the university

No

Requirements / Registration

Academic admission requirements

Applicants must have a German "Abitur" or an equivalent foreign certificate providing the right of entry to higher education. Satisfactory grades in mathematics at secondary school level are required. Courses and exams acquired at a different university may be accredited on the basis of ECTS.

Language requirements

Students are required to have a good command of German and English from the beginning of their studies in order to understand lectures, participate in discussions and take examinations. Proficiency in English is to be proved through a passed IELTS exam (with at least 5.5 points) or by equivalent certificates of qualification. Written confirmation of eight years of English at school with an average mark of at least 3.0 according to the German marking system (or an equivalent mark) from the two final school years also suffices to meet the requirements. Proficiency in German is to be proved by TestDaF (at least 12 points) or equivalent certificates of qualification.

Application deadline

- 15 June for non-EU citizens via uni-assist
- 15 July for EU citizens directly at Osnabrück University

For details of the application procedure, please consult our [website](#).

Submit application to

https://www.uni-osnabrueck.de/studieninteressierte/studiengaenge_a_z/cognitive_science_bachelor_of_science.html

Please submit your online application via uni-assist by 15 June.

Services

Possibility of finding part-time employment

Students who have completed their Bachelor's studies may be employed as student assistants.

Accommodation

The accommodation office of the student services ("Studentenwerk") offers modern single rooms in dormitories and also helps students to find private rooms and flats. The rooms must be rented for at least half a year. Costs for a single room in a student dormitory are approx. 180 to 350 EUR per month.

Career advisory service

The degree programme coordinator as well as the student mentoring team are available for consultation regarding possible career choices as well as profile development.

Support for international students and doctoral candidates

- Welcome event
- Tutors

General services and support for international students and doctoral candidates

The mentoring team organises the welcome week for all Bachelor's students. During this week, the team will give specific counselling to international students.

Contact

Osnabrück University
Students Office

Neuer Graben 27
49074 Osnabrück

✉ studentsoffice@uni-osnabrueck.de

🌐 Course website: <https://www.uni-osnabrueck.de/en/prospective-students/studiengaenge-a-z/cognitive-science-bachelor-of-science/>

📘 <https://www.facebook.com/uniosnabrueck>

🐦 <https://twitter.com/uniosnabrueck>

📷 <https://www.instagram.com/uniosnabrueck/>

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International Programmes in Germany - Database

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Disclaimer

The data used for this database was collected and analysed in good faith and with due diligence. The DAAD and the Content5 AG accept no liability for the correctness of the data contained in the "International Programmes in Germany" and "Language and Short Courses in Germany".

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