

The Computational Linguistics program allows you to combine two fields of interest that are essential to the modern world: language or linguistics, and computer science. At FAU, students focus primarily on the technical and practical aspects of machine language processing.

Are you interested in how a search engine can find the right web pages for your query and make suggestions for additions and corrections? How voice control works on new smartphones? How computers can automatically pull facts and opinions from digital text assets (e.g., Wikipedia, online news stories, and social media)? And beyond that, are you curious about what's behind the term "digital humanities" (i.e., the "digital humanities")? Then studying Computational Linguistics might be of interest to you.

Computational linguistics researches the processing of human language and develops computer models to understand, produce and learn language. For this purpose, theories and methods from computer science, linguistics, and cognitive science are used, and fundamentals from mathematics, such as formal logic or statistics, are applied. Computational Linguistics at FAU focuses on technical and practical aspects of machine language processing. The necessary basic knowledge of theoretical and empirical linguistics can be acquired in a linguistic subject to be studied in combination.

The study of Computational Linguistics qualifies you to participate in the development of new products – since computer-aided information retrieval will continue to be significant in the future and the processing of language data will always play a central role in this, it can be assumed that the career prospects for graduates of computational linguistics are permanently good.

Bewerbung für zulassungsfreie Studiengänge

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FAU – Moving Knowledge

The program is divided into two phases. In the foundation phase, the following subjects are completed: Fundamentals of Computational Linguistics (includes the modules "Fundamentals of Computational Linguistics I", "Fundamentals of Computational Linguistics II"; "Tools and Working Techniques"), Computer Science Fundamentals (modules "Fundamentals of Computer Science", "Conceptual Modeling", "Database Systems", "Multimedia Technology"). The advanced phase contains the modules "Machine Language Processing", "Advanced Module in Computational Linguistics" and the internship.

Study contents:

The occupational fields presented here represent only a small selection of potential work areas. For example, these are activities

Das Lehrangebot dieser Kombination ist so aufeinander abgestimmt, dass die Fächer in der Regel überschneidungsfrei miteinander kombiniert werden können.

Diese Kombination kann nur nach einer diesbezüglichen Studienberatung studiert werden.

Die Überschneidungsfreiheit kann jedoch nicht garantiert werden.

Die Studierenden tragen selbst die Verantwortung für die Studierbarkeit der Kombination

und die Einhaltung der Fristen des § 10.

Der Nachweis einer Studienberatung ist bei der Immatrikulation vorzulegen.

30.09.

Nachweis ausreichender Kenntnisse in mindestens 2 Fremdsprachen (darunter Englisch) bis zum Ende des 4. Semesters

The application deadline for the winter semester for international applicants is July 15th.

In addition to the general qualification for university entrance (Abitur), there are other access options for studying at FAU.

Our Student Advice and Career Service (IBZ) is the central point of contact for all questions about studying and starting a degree programme. Our Student Service Centres and subject advisors support you in planning your studies.

Degree: Bachelor of Arts (B.A.)

Duration of studies in semester: 6

Start of degree program: Winter semester

Study location: Erlangen

Number of students: 1-50

Subject group: Language and Cultural Studies

Special ways to study: 2-subject Bachelor, Part-time degree program

Teaching language: completely in German

Admission Requirements: No Admissions Restrictions

Admission requirements (first semester): No Admissions Restrictions

Application deadline winter semester: 30.09.

German language skills for international applicants: DSH 2 or equivalent

General language skills: Nachweis ausreichender Kenntnisse in mindestens 2 Fremdsprachen (darunter Englisch) bis zum Ende des 4. Semesters

Details and notes: The application deadline for the winter semester for international applicants is July 15th.

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