

In the study of geography, the focus is on understanding social developments and natural processes in their spatial dimensions. The Physical Geography program combines scientific methods with geographical understanding and covers a wide range of topics such as climate change, geomorphology, hydrology and landscape development. Geography is more than "urban-rural-river" or the pure knowledge about the location of Germany on the globe. Snow and ice in the water cycle, soil and vegetation in a changing environment or formative processes on the earth's surface are focal points of physical geography. Here you will deal with current topics such as climate change, global resources, ecological crises, natural hazards and a variety of special methods (e.g. geographic information systems, satellite remote sensing, laboratory analyses). You should not be too one-sidedly interested, because as minor subjects you can expect mainly scientific neighboring disciplines such as biology, chemistry, mathematics or physics, but also economics or computer science. In statistics and computer science courses you will learn, for example, how to evaluate climatological or ecological data sets in order to make predictions for global environmental change. You should also bring along a bit of wanderlust, because the numerous excursions of the degree program are not only limited to Germany and Europe. Overall, physical geography is a very versatile degree program that opens up a variety of career opportunities and enables you to understand, explain and help shape spatially related ecological and social problems.

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In our degree program, you will deal with the processes and interrelationships that determine the dynamics of the "System Earth". You will first learn the basics about formative (geo)factors such as relief, climate, soil, vegetation and the influence of humans. Subsequently, you can specialize further in the context of our main research areas of climate research, geoinformatics, environmental research and high mountain research. The focus is on the combination of natural and social science perspectives for a comprehensive understanding of society-environment relationships. In addition, the methodological training at our institute plays a major role. Here you will deal with the recording of geographic data in the field, their computer-assisted or laboratory-analytical evaluation, as well as the processing of remote sensing data. Geography is a subject at the interface of natural sciences, humanities and social sciences. Since you can acquire a high level of methodological competence in the degree program Physical Geography and also deal with neighboring disciplines, a wide range of professional activities is open to you. You can increase your career opportunities by choosing an appropriate focus during your studies. Geographers work in the fields of: Other possible fields of work are:

In addition to the courses offered at FAU, a minimum six-week, non-university internship must be completed (e.g., in public institutions,

planning/consulting offices, business enterprises, non-governmental organizations, etc., with a connection to the content of the geography program).

30.09.

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 Science (B.Sc.)

Duration of studies in semester: 6

Start of degree program: Winter semester

Study location: Erlangen

Number of students: 1-50

Subject group: Mathematics, Natural sciences

Special ways to study: 1-subject Bachelor

Teaching language: completely in German

Admission Requirements: No Admissions Restrictions - Registration

Admission requirements (first semester): No Admissions Restrictions - Registration

Admission requirements (higher semester): free

Application deadline winter semester: 30.09.

German language skills for international applicants: No DSH

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

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