

Deutscher Akademischer Austauschdienst German Academic Exchange Service

INTERNATIONAL PROGRAMMES

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Master's degree



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Integrated Immunology (iImmune)

FAU Erlangen-Nürnberg • Erlangen



Overview

Degree	Master of Science
In cooperation with	Elite Network of Bavaria
Teaching language	• English
Languages	English
Full-time / part-time	• full-time
Programme duration	4 semesters
Beginning	Winter semester
Application deadline	15 July for the following winter semester For non-EU applicants, we strongly recommend to apply before 31 May.
Tuition fees per semester in EUR	None
Combined Master's degree / PhD programme	No
Joint degree / double degree programme	No
Description/content	The international Master's programme "Integrated Immunology" (ilmmune) was jointly initiated by the Department of Biology and the Faculty of Medicine at the Friedrich-Alexander University (FAU) of Erlangen-Nürnberg and is generously supported by the Elite Network of Bavaria. A central task of the Master's programme is to integrate basic and clinical immunology training in a research- oriented way. The FAU has a very strong research focus on immunology research, both in medicine and biology, which is reflected in the many collaborative research centres and PhD graduate schools that deal with this topic. The ageing society deals more and more with the implications of infectious diseases, as well as with chronic autoimmune diseases or allergic diseases. This inter-

disciplinary Master's programme ideally prepares students for research positions both in basic as well as in clinical immunology to tackle these types of disease. The integration of clinical modules allows a bench to bedside approach, even to Master's students with a biology background. Additionally, the programme is also open to medical students.
Aims of the International Master's programme Integrated Immunology
 Provide a comprehensive education in the field of immunology at the interface between biology and medicine Train international students with very good supervision, including small group teaching and modern teaching concepts such as problem-based learning Provide a research-oriented education, comprising both basic and clinical immunology

Course Details

Course organisation	During the first semester, students are trained in the module Basic Immunology (lectures, seminars, tutorials) and in an integrated laboratory course. There is a lecture and a tutorial in Cell and Molecular Biology plus elective soft skills courses in topics such as imaging, bioinformatics, computer programming, or ethics of science.
	The second semester provides the module Translational Immunology (lectures, seminars, tutorials) and an integrated laboratory course in Translational Immunology. A course in Clinical Immunology includes tutorials and bedside visits.
	The third semester includes practical project work with lab rotations both in labs in Erlangen as well as an organised three-month visit to an international immunology lab abroad. A theoretical project is completed throughout the whole semester, resulting in a written report and a presentation. Students can participate in additional modules at spring or autumn schools of immunology, international congresses and a yearly internal retreat of the programme.
	The fourth semester is dedicated to the Master's thesis.
A Diploma supplement will be issued	Yes
International elements	 International guest lecturers International comparisons and thematic reference to the international context
Integrated internships	Three-month lab rotation in an international laboratory abroad partly funded by the programme
Special promotion / funding of the programme	• Other (e.g. state level)
Course-specific, integrated German language courses	Νο
Course-specific, integrated	No

Costs / Funding

English language courses

Tuition fees per semester in EUR	None
Semester contribution	FAU does not charge tuition fees. However, each semester students must pay semester fees consisting of student services fees (42 EUR) and a fee for the basic semester ticket (72 EUR).
Costs of living	 According to a study by the German National Association for Student Affairs, students in former West Germany who no longer live with their parents have an average amount of more than 930 EUR per month at their disposal. However, monthly expenditures for personal lifestyle vary a lot. The study shows that approx. 25 per cent of the students asked have less than 700 EUR while 10 per cent have more than 1,300 EUR per month. For former West Germany, the study revealed the following details regarding average expenditures: Rent, including bills (in the Erlangen-Nuremberg area): 325 EUR (250 to 600 EUR) Food: 168 EUR Clothing: 42 EUR Transport (public transport and/or car): 94 EUR Learning materials (depending on the subject): 20 EUR Health insurance, doctors, medicine: 80 EUR Telecommunications: 31 EUR Leisure activities, culture, sports: 61 EUR
Funding opportunities within the university	Yes
Description of the above- mentioned funding opportunities within the university	There is a wide range of scholarships available for outstanding students. In addition to requiring applicants to have excellent grades, most scholarship programmes have additional conditions regarding cultural, political, religious, or social involvement. If you have any questions about the application procedure or selection criteria, you can contact the Student Advice and Career Service (IBZ) or speak directly to FAU's liaison officer for the scholarship organisation you wish to apply to.

https://www.fau.eu/study/prospective-students/financing-your-studies

Requirements / Registration

Academic admission requirements	Relevant Bachelor's degree with a grade of 2.5 or better (or equivalent international grade) in Biology, Biochemistry, Life Sciences, or a similar Bachelor's degree In a second step, applicants will be invited to take an online interview to test their suitability for the MSc Integrated Immunology. The duration of the test is 20 minutes. The topics of this examination will be basic knowledge in molecular biology, cell biology, and genetics as well as some few basics in Immunology. The examination will be administered by the admissions committee of the MSc programme. The examination date will be announced at least one week in advance. The applicant must pay for any expenses that may arise.
Language requirements	The required English level is "Vantage or upper intermediate" level (B2) according to the Common European Framework of Reference for Languages or an equivalent score from an internationally recognised test, e.g., IELTS 5.5, TOEFL PBT 552. Six years of English lessons at a German Gymnasium shall also suffice as proof; applicants whose native language is English need not submit any such proof. Proof of German proficiency is not required. However, we strongly recommend that non-German speaking students attend German language classes during the MSc studies.

Application deadline	15 July for the following winter semester For non-EU applicants, we strongly recommend to apply before 31 May.
Submit application to	Online application via www.campo.fau.de For more information, please visit this website.

Services

Accommodation	The cities of Erlangen, Fürth, and Nuremberg offer a very good standard of living. They are popular places to live, meaning that accommodation is in high demand but often in short supply. This is particularly the case during the period before the start of a new semester. We therefore recommend that you start looking for accommodation as soon as possible. If you are flexible and also look in the surrounding area, you will have a better chance of finding somewhere affordable to live. The region has an excellent public transport system, so you should not have any problems getting to your place of study or work. It is worth checking the available accommodation on the Internet every day, as new accommodation becomes available on a day-to-day basis. It pays to be flexible when it comes to the price, location, and available facilities of your accommodation. Student Services Erlangen-Nürnberg runs its ownstudent accommodation in Erlangen and Nuremberg. You will be informed about how to apply for a room in Student Services accommodation while you are in the process of applying to be admitted to FAU.
Career advisory service	https://www.fau.eu/study/current-students/career-service/
Support for international students and doctoral candidates	Welcome eventBuddy programme
General services and support for international students and doctoral candidates	Our International Office provides advice to international students regarding all areas of daily and academic life.



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Being part of the Master's programme in Integrated Immunology has been a wonderful experience, as it provided the opportunity to learn, grow as a scientist and, most importantly, become passionate about immunology. Problem-oriented learning sessions were complementary to the lectures and improved my presentation and discussion skills. Each module offered a reason to pursue a career in the sciences, and the aspiration to find out more led me to apply for a PhD position in the immunological field.

FAU Erlangen-Nürnberg



Chair of Genetics © Dr Anja Glanz

Founded in 1743, FAU has a rich history. It is a strong research university with an international perspective and one of the largest universities in Germany with 39,657 students, 272 degree programmes, 4,000 academic staff (including over 624 professors),243 million EUR third-party funding, and partnerships with universities all over the world. Teaching at the university is closely linked to research and focuses on training students in both theory and practice to enable them to think critically and work independently. The research itself also strikes the perfect balance between a theoretical approach and practical application.

FAU's outstanding research and teaching is reflected in top positions in bothnational and international rankingsas well as the high amount of DFG funding that its researchers are able to secure.



University location

FAU's two main sites, the cities of Erlangen and Nuremberg, are located at the heart of the Nuremberg Metropolitan Region. Both Erlangen, a city of 100,000 inhabitants that was the former home of the Huguenots and is a key location for Siemens, and Nuremberg, a city with a metropolitan flair and a population of half a million, have their own unique charms. The opera, theatre, and museums, along with a lively pub scene and nightlife, offer plenty of opportunities to relax after a day in the lecture theatre, lab, or library. The highlights of the cultural calendar in Erlangen include the Hörkunstfestival (acoustic art festival), International Comic Salon, figuren.theater.festival (puppet theatre festival), Poetenfest (poetry festival), and the "ARENA... of the young arts" theatre and performance festival. A wide range of cultural institutions open their doors to visitors during the Blue Night in Nuremberg, and once every two years, the Long Night of Sciences gives the public a chance to take a look inside research institutions in Erlangen, Nuremberg, and Fürth. In summary, the mixture of academia, innovative companies, art, and culture makes the region the perfect place for creative minds. There is also plenty on offer for keen athletes and nature lovers. Fränkische Schweiz, a paradise for climbers and walkers, is located to the north of Erlangen and is at FAU's doorstep. Water sports enthusiasts will love the Franconian lakes and the university's water sports centre, which is located just south of Nuremberg.

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Disclaimer

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