Biochemistry @ Tübingen

Tübingen is the alma mater of four recent Nobel laureates in the area of Biochemistry. It was where nucleic acid was first isolated and where Biochemistry was first shaped into a separate degree in Germany. But it’s not all history; quite the contrary. Tübingen is a dynamic place to learn and investigate. The Interfaculty Institute of Biochemistry (IFIB), host institution of this Master, does research in hot areas like synthetic biology and molecular medicine. It is embedded in a buzzing environment of several Max Planck research facilities, a top class plant biochemistry center, and several neuroscience institutes.

The University of Tübingen
Innovative. Interdisciplinary. International. Since 1477. These have been the University of Tübingen’s guiding principles in research and teaching ever since it was founded. With this long tradition, the University of Tübingen is one of the most respected universities in Germany. Recently, its institutional strategy was successfully selected for funding in the Excellence Initiative sponsored by the German federal and state governments, making Tübingen one of Germany’s eleven universities distinguished with that title of excellence. Tübingen has also proven its status as a leading research university in many national and international competitions – in key rankings Tübingen is listed among the best universities for the Humanities and Social Sciences as well as for Science and Medicine.

With its broad spectrum of subjects, the University of Tübingen provides a wealth of opportunities for interdisciplinary collaboration. And such close cooperation on research extends beyond the University and around the world. The University of Tübingen has joint research projects at all levels with other institutions of higher education, with research institutes and with industry.

INTERESTED? FIND OUT MORE

- www.uni-tuebingen.de/de/30323

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Degree Details

This newly designed 2-year Master course is built to be practical and adjustable. You choose the modules and labs, and when to do them. The Advanced Biochemistry Lecture Series, reviewing the latest discoveries in the field, is the only fixed element. In parallel, we help you hone your soft skills and assist you in developing your career.

Flexible Elements

Modules are part practical, part theory designed to bring you closer to research. You choose among over a dozen possibilities. Labs are short stints in the top-notch labs of the campus and beyond. They will help you develop your experimental expertise and find your niche in the wide range of biochemical specialties.

The Very Latest Knowledge

In the Advanced Biochemistry lecture series you will get to know the entire faculty of our institute and more. We are compiling the very latest and exciting discoveries in the field. In addition, in Current Topics, we will work with you as peers in a new dynamic format to find out what's novel and controversial.

Transferable Skills Training

The fact that the course is taught in English will be your first transferable skill. Besides, we will offer you a host of seminars to boost your software, speaking, presentation, and writing skills. And we will help you develop your future career with personal mentoring and a dedicated seminar.

Your Own Research

This Master is your bridge between an introductory bachelor and real research. We aim to give you a solid theoretical foundation and an overview of different labs, so you can make an informed choice what sparks your interest the most. If you haven't done so already, the Master thesis will be your 1st independent investigation into the enigmas of modern biochemistry.

Tübingen is Different

Don't Restrict Yourself Too Early

The quickly developing field of biochemistry has many facets, some of which can also be studied as a separate specialty like molecular medicine or biotechnology. Doing this has pros and cons. However, if you are not aiming to restrict yourself early in your career and desire a broad foundation, then a more general biochemistry degree like the one in Tübingen is for you.

Compose Your Own Degree

We have designed this Master to be put together by you according to your personal preferences. First, you will choose from a selection of over a dozen modules. Then, you will pick labs both locally and, if you desire, abroad to do small projects in. And finally, you decide where to do your master thesis.

English is the Language of Science

This is why it's a good idea to become expert in speech and writing. Now you can do this within Germany where the university fees are not as high as in the US or the UK. Besides, it's also the language of business, so it will come in handy if you decide to take your science skills to a company.

An International Experience Based in Tübingen

We strive to make this degree international in 2 ways. We attract foreign students to Tübingen; they will become your first international peers. We also support you in every way we can to go abroad for one or more lab elements. This can be part of a formal exchange program or simply by selecting a lab abroad.

Mentoring All the Way

Studying for a master is a step away from the beginning of your professional career. This is why during the entire degree we will work with you, to uncover your strengths, hone your personal skills, and find out where you would like to go next. This subject-specific mentoring is in addition to the university's career service.

The Oldest Biochemistry Degree in Germany

Historically universities taught Biology and Chemistry. As tools improved it became possible to analyze and manipulate the chemistry of cells and thus Biochemistry was born. Tübingen was the 1st university in Germany to dedicate a degree to the topic and in 2012 we celebrated our 50th anniversary.

A Lot of Past, Your Future

The Swiss Friedrich Miescher was the 1st to isolate nucleic acid in a laboratory in Tübingen in 1868. Christiane Nüsslein-Volhard, the first female Nobel Prize winner in Medicine in Germany, still works here. But we are not hung up on the past. Instead, we hope that with our excellence in teaching and research together with your potential, we can make you the future of Biochemistry.

The Tübingen Campus

Besides the many outstanding laboratories of the University of Tübingen, there is a wide variety of centers on campus that may become part of your experience here: the 3 Max Planck Institutes for Development Biology, Biological Cybernetics, and Intelligent Systems, the Friedrich Miescher Institute, the Centers for Plant Molecular Biology and Integrative Neuroscience as well as the Hertie Institute for Clinical Brain Research.

The Interfaculty Institute of Biochemistry

The Master is organized by the Interfaculty Institute of Biochemistry (IFIB) which is a tight-knit community of a dozen research groups. Like the degree, the local labs cover a broad range of research topics from structural biochemistry, biophysics, chemical biology, posttranscriptional regulation, organelles, and model organisms to molecular medicine.

Pay us a visit

- IFIB, Hoppe-Seyler-Str. 4, bus stop: Uni Kliniken Berg
- http://goo.gl/maps/B9PSy

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