

Become a partner

The Faculty of Medicine at the University of Tübingen maintains close cooperation with more than 40 universities all over the world, but we are always open for new partners. *Would you like to become our partner?* You need not have your own program for Molecular Medicine. Since many of the modules in our Molecular Medicine curriculum are very similar to the preclinical medical curriculum, we also welcome preclinical medical students to take part in an exchange.

The number of modules presently offered with English-language instruction is limited. However, studying abroad is a unique chance for students to improve their foreign language knowledge and experience local culture. We can offer an interesting model for exchange students who do not yet have sufficient German language in a special program:

- 1st semester: intensive German courses plus a reduced work load with lectures offered in English
- 2nd semester: lectures and seminars of the Molecular Medicine program in German

Research & Master's thesis:

Your students can also take advantage of our excellent research activities. A particular strength of the Faculty of Medicine at the University of Tübingen is research in the areas of neurosciences, immunology/oncology, infection biology, medical technology, and diabetes/vascular medicine. As an alternative to a conventional classroom exchange we are happy to accept students for laboratory practicals or offer topics for master's theses in one of these areas. The Faculty of Medicine at the University of Tübingen has many years of experience in arranging student exchanges. All incoming students are provided with rooms in our student dormitories. We can also help students to organize the necessary paperwork, register for German courses, and arrange participation in our mentoring program.

Interested? - Please contact our coordinator for International Exchanges Dr. Elena Lebherz

More information about the program and its curriculum can be found on the website of the Faculty of Medicine under www.medizin.uni-tuebingen.de/en/Students

Contact

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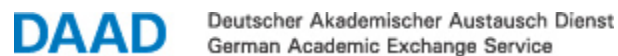
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BACHELOR PLUS Molecular Medicine & Foreign Exchange

Faculty of Medicine
The Dean's office/Dept. Study and Teaching



The Program

Tübingen's program in Molecular Medicine is an excellent choice for students seeking a solid academic training in the natural sciences and in medical topics. It offers an alternative to the more traditional study of medicine, which concentrates on preparing the student for a career in clinical practice. Research, particularly in the fields of molecular biology and cell biology, has had an enormous impact on the field of healthcare and it will remain indispensable for future improvements in diagnostics and therapy. The study of Molecular Medicine familiarizes students with the latest research findings in Molecular Medicine and with a broad spectrum of other cutting-edge topics. At the same time, it offers comprehensive practical training in the methods and techniques employed in the field of molecular biology.

ECTS:

Our curriculum complies with the European Credit Transfer System (ECTS) to ensure compatibility with other international programs. The bachelor's program encompasses a total of 240 ECTS credit points.

Equipment and staff:

Students are supervised by excellent scientists, and the most up-to-date laboratory equipment is available for their practical training. Teaching staff are on site to advise and support students over the entire duration of the course of study, and a team of mentors accompanies the students through each semester.

The Bachelor of Science program in Molecular Medicine lasts four academic years (8 semesters) and culminates in the Bachelor of Science (B.Sc.) degree.

The bachelor's program in Molecular Medicine at the University of Tübingen offers 35 places to qualifying candidates each year.

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Curriculum

S1

Introduction to Chemistry	L-P-T
Medical Physics	L-P-T
Lecture series BMZ and MM	L
Fundamentals of Anatomy	L
Fundamentals of Molecular Biology I	L-P
Scientific Presentation Techniques	T-E

S2

Biomathematics	L-E
Physical Chemistry	L-E
Scientific English A	T-E
Scientific English B	T-E
Care and Use of Laboratory Animals	L
Biochemistry I	L
Fundamentals of Molecular Biology II	L
Interdisciplinary Skills	T-E
Ethics	L-T

S3

Biochemistry II	P
Human Physiology I	L-P-T
Biostatistics	L-E
Medical Microbiology/Infection Biology	L-P
Cell Biology I	L-P-T
Laboratory Diagnostics I	L-P-T
Virology	L
Human and Molecular Genetics	L-P-T

S4

Human Physiology II	L-P-T
Cell Biology II	L-P-T
Laboratory Diagnostics II	L-P-T
Biometry/Epidemiology	L-E
Immunology	L-P-T
Pathology/Neuropathology	L-P-T
Biosafety	L

S5+6

Mobility Window - Study Abroad	P-T
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Note: Minor changes possible in the order of individual modules.

Curriculum

Electives:

In the advanced semesters 7 and 8, students can choose from a catalog of electives to deepen their knowledge in selected areas of specialization. A total of 4 elective modules must be taken.

S7

Pharmacology/Toxicology	L-P-T
Oncology	L
Complementary Skills	T-E

Electives:

Radiation Biology/Radiation Protection	L-P-T
Fundamentals of Medical Imaging	L
Advanced Biometry/Epidemiology	L-E
Advanced Microbiology	L-T

S8

Infectiology	L-P-T
Neurobiology	L
Complementary Skills	T-E

Electives:

Advanced Virology	L-P-T
Hematology	L-P-T
Clinical Chemistry	P-T
Parasitology	L-P-T

Bachelor's Thesis and Colloquium

Perspectives:

Upon successful completion of the program, graduates will have the opportunity to continue their studies in our consecutive master/PhD/doctoral program.

L = Lecture	P = Laboratory
E = Exercises	BMZ = Biomolecules and Cells
T = Tutorial	MM = Molecular Medicine