



WELCOME TO TÜBINGEN

Dear exchange students,

The Bachelor and Master's students in Molecular Medicine and the Office for International Exchanges from the Faculty of Medicine, Coordinator Dr. Elena Lebherz, want to welcome you in Tübingen. With this guide we would like to introduce you to the city and the University of Tübingen and hopefully answer some of your upcoming questions. If anything is not clear or you have further questions, please don't hesitate to ask us. We are open to your ideas and suggestions on how to improve this brochure.

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EBERHARD KARLS
UNIVERSITÄT
TÜBINGEN



MEDIZINISCHE
FAKULTÄT

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Prepare your stay

Finding a room

- Most exchange students live in the student dormitories provided by the university since it is not that easy to find a place in Tübingen by oneself.
- Dormitory rooms normally are single rooms with a bed, a table, a chair and a cupboard or shelf. They have internet access and you share the kitchen and bathroom with a varying number of flatmates. Normally there is no separation by gender. You can buy bedding in the Administration Office of Dormitories for 30€ when you arrive, so you don't need to bring it from home.
- You can apply online for a place in the dormitory, but only if you stay here for a whole semester. (<http://www.my-stuwe.de/wohnen/online-bewerbung/>)
- If you don't want to live in a dormitory or you come to Tübingen for a shorter period than one semester, you can search for a room in a shared apartment (called WG in Germany). Look for offers on these websites and ask us for help: www.wg-gesucht.de or www.vierwaen.de
- You can also apply for a room in an independent dormitory (e.g. self-governing, run by an association or organisation), but they often want a closer community and therefore prefer people who stay longer. Have a look here: <http://www.asta.uni-tuebingen.de/service/service-referate/soziales/wohnen-in-tuebingen/liste-der-wichtigsten-tuebingen-wohnheime/>
- The University of Tübingen is not a campus-university, institutes are scattered all over the town (see map: <http://www.uni-tuebingen.de/einrichtungen/service/lageplaene/uebersichtsplan.html>). Most of the teaching in Molecular Medicine takes place on the "Schnarrenberg" (Map A: <http://www.uni-tuebingen.de/einrichtungen/service/lageplaene/karte-a-morgenstelle.html>) in the clinics or in the "Lehr- und Lerngebäude", a small building with seminar rooms. If you attend courses or do an internship in a lab in one of the clinic buildings, the closest dormitories are "Georg-Fahrback-Haus", "Hartmeyerstraße" or "Waldhäuser Ost", but Tübingen is not very big at all, so nothing is really far away. The longest possible bus ride from one end of the town to the other would take you about 35 minutes. If you are not sure which location is the best for you, ask us.

Health insurance

- EU students: Ask your home health insurance agency for the "European Health Insurance Card" (EHIC).
- Non-EU students: Contract a private health insurance.
- You need a health insurance to become a student and if you don't have one, your only alternative would be the German state insurance. For example with AOK (situated under the University Mensa) you will pay a monthly contribution of approximately 65 Euros.
- Bring all the documents concerning your insurance.

Bank account

- You can open a bank account from your home country. At least we have experience that this is possible with the "Deutsche Bank" in some countries. However, if it's not possible for you or you don't want to, we can do it in Tübingen together. It's not a big deal since there are so many exchange students in Tübingen that the banks are attuned to it.
- Opening an account is free for students.

Choosing your courses

- If you want to study in Tübingen, you have to choose lectures, seminars or lab courses out of the Bachelor and Master's programmes. You can also join in courses in Medicine or from the Neuroscience Graduate School.
- The winter term will take place from October to February and the summer term from April to July, but you must consider that lab courses and exams can also take place during the breaks. (You can find the exact dates for every semester here: <http://www.uni-tuebingen.de/studium/studienorganisation/semestertermine.html>)
- The undergraduate courses are normally held in German while the graduate courses are in English.

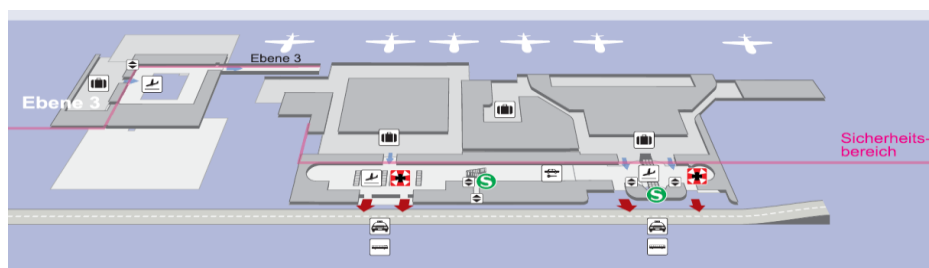
Find a laboratory

- If you would like to do an internship in a lab in Tübingen, you need to write an email to the group leader. Include who you are, your name, country and what you study, when and how long you would like to do an internship and what experiences you have in lab. You should also write why you want to work in this particular group and what you find interesting about their research.
- Find out on the homepage of the institute which title is correct for the group leader. Start your email with the title (Dear Prof. Dr. / Dear PD Dr. / Dear Dr.).
- Dr. Leberherz can give you more information and provide help with your application.

Your first days in Tübingen - Bureaucracy

Find your way to Tübingen

- The airport closest to Tübingen is Stuttgart. It is about 1h away by bus. ("Airport-Sprinter": http://www.bahn.de/regiobusstuttgart/view/angebot/buslinien/airport_sprinter.shtml)
- You will find the bus stop right in front of the airport building. Take No. 828 to "Tübingen Hauptbahnhof"
- As an alternative to this bus, you can also take the Bus X3 to Reutlingen (10 min train ride to Tübingen). It takes a little longer but with your student bus ticket this ride is free.



Stuttgart Airport

Bus stop

- Here is a list of some other airports and the costs for a train ride to Tübingen:

Airport	Transport to Tübingen station		
Stuttgart	Bus	6€	1h
Frankfurt	Train	67€	2,5h
Frankfurt Hahn	Train	57€	4,5h
Karlsruhe	Train	37€	3h
München	Train	59€	4h
München Memmingen	Train	34€	4h

(Prices from:

www.deutschebahn.com)

(Flights within Germany:

<http://www.flugprofi.net>,

<http://www.fluege.de>,

www.germanwings.com)

Also you can take busses or car sharing for lower prices. Check this Website:
www.busliniensuche.de

- We will be there to help you with the bureaucracy in your first days here. This guide aims to make you understand what is going on once you are here, because you will have some busy days with a lot of forms and offices. The best preparation you can do is to have all documents concerning your time in Tübingen with you.

Administration Office of Dormitories

- The first you would probably like to do after arrival is finding your room. You need to go to the Administration Office of Dormitories with your contract, the deposit and rent. There you will get some forms and a receipt with which you can get your keys in the dormitory.
- You can buy bedding in the Administration Office of Dormitories for 30€.

Wohnheimverwaltung, Fichtenweg 5, 72076 Tübingen	Mo, Wed	9.00-11.30
post address: Wilhelmstraße 15, 72074 Tübingen	Thu	13.30-16.00
http://www.my-stuwe.de/wohnen/wohnheimverwaltung-kontakt/		
wohnheimverwaltung@sw-tuebingen-hohenheim.de		

City office

- Before you can matriculate as a student, you must get a residence permit.
- We will go with you to the city office for registration (required by law) and the residence permit. You need your passport, your address and the “Zulassungsbescheid” (approval document) from the university.

Stadtverwaltung Tübingen, Abteilung Bürgerdienste	Mon, Wed, Fri	7:30 - 13:00
Schmiedtorstr. 4, 72070 Tübingen	Tue, Thu	7:30 - 18:00

Health insurance

- For matriculating as a student in Tübingen you need a form stating that you have your own health insurance and do not need one by the German state.
- You will get this when you bring your insurance letter to the office of the “AOK”

Studenten-Service Center, Mensa	Mon to Fri	8:30 – 13:00
Wilhelmstraße 13, 72074 Tübingen		

Pay the social fee

- Before matriculation you need to pay a social fee per semester (133,50€). You will get the remittance slip at the student office.

Unikasse, Wilhelmstraße 26, 72074 Tübingen	Mon to Fri	9:00 - 11:45
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Matriculation

- The student office of the university wants you to bring some forms for your matriculation as a student in Tübingen. You need:
 - The receipt for the social fee from the Unikasse
 - The health insurance form from the AOK office
 - Your “Zulassungsbescheid”
 - One passport photograph for your student ID
 - Your passport with the residence permit
- When you (with our help) collected all these documents you will finally become a student of the University of Tübingen.
- You will get a sheet stating that you are a student called “Datenkontrollblatt”.

Studentensekretariat		Mon to Fri	8:30 - 11:30
Wilhelmstraße 11,	June to October	Mon	13:00 - 15:00
72074 Tübingen	November to May	Mon, Thu	13:00 - 15:00

Bus ticket

- Students in Tübingen normally use the bus or a bike to go anywhere. A bike is not the best choice if you live in a dormitory on the hill, if you need to go to the clinics very often for lectures or if you are here in winter.
- The student bus ticket for six months (April to September or October to March) costs 78,90€.
- You need a part of the “Datenkontrollblatt” to buy this ticket.
- With this ticket you can use all busses in Tübingen and also trains and busses in the region around. (Stuttgart is not included. You can see the region here: <http://www.naldo.de/netzplaene/uebersicht/>)

Bank account

- Opening a German bank account is free of charge for students.
- We have some experiences with “Kreissparkasse Tübingen” and “Deutsche Bank”, but every bank should be fine. Ask us if you want to open an account at another bank.
- It will take the bank about two weeks to send you your EC-card.

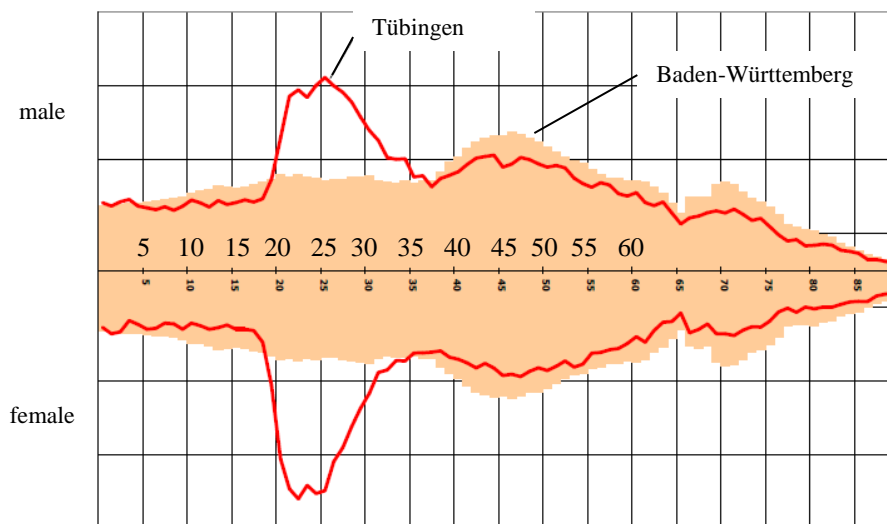
Mobile phone contract

- There are several mobile phone companies in Tübingen where you can sign a contract including phone calls and messages, if you want to also for data plans.
- You need your bank account details and your address for the contract.

Tübingen

Facts

- You will find information and facts about Tübingen here: <http://www.tuebingen.de/10.html>.
- Tübingen is a small town with about 89 000 inhabitants including the surrounding villages; 27 000 students are studying at the university of Tübingen. You can see from these two numbers how it is to live here: It's a student town with a young, international and intellectual atmosphere.



The age distribution in Tübingen compared to the federal state Baden-Württemberg.

- Tübingen was founded in the 6th or 7th century, firstly documented in 1078 and made a town around 1150. The university was founded in 1477.

Sights

- The old town centre of Tübingen has some really nice buildings including the castle (which is a university building today), several churches, the Hölderlin-tower and the town hall. On the central street "Wilhelmstraße" right next to the old centre, there are many university buildings like the main cantine, library and the administration and also the main building "Neue Aula", which is used for representative events, concerts and lectures.
- There are also some sights to see in the region around Tübingen, like the castles of Hohenzollern and Sigmaringen, the monastery and castle of Bebenhausen and the "Outlet-City Metzingen". You can join organised trips to some of these (See "StudIT").
- If you like exhibitions you can go to the university museum in the castle (for free for students) or to the "Kunsthalle", a professional exhibition building.



Events

- There are different markets in the old town center over the year.
(<http://www.tuebingen.de/3393.html>) Some highlights:
 - Weekly regional market: fresh, regional food.
 - Umbrian-Provencal-market: delicious food from Italy and France.
 - chocolART: Biggest chocolate market in Germany and greatest event in Tübingen.
- The biggest event in Tübingen is the annual punt race ("Stocherkahnrennen). Every fraternity and some student boards and political groups dress up like at carnival and start with a punt (50-60 punts in total) to a race around the island in the river.
- Another race on the river: The charity rubber duck race. You can buy a duck for the race and win a price. The ducks will be thrown in the river from a bridge from the back of a truck.
- There are several movie festivals in Tübingen like the French-film-festival, south-American-film-days or Arabic-film-festival often with films in the original language.
- The university institutes often organize special events like a Korea week or Japan days. You will find information about this around the town or in your university e-mail-account.
- A lot of regular events from the university like concerts, talks or exhibitions will be advertised via e mail.
- Tübingen has two theatres and four cinemas.
 - <http://www.zimmertheater-tuebingen.de/>, <http://www.landestheater-tuebingen.de/>
 - <http://www.arsenalkinos.de/>, <http://www.tuebingen-kinos.de/>
- Since it is a student town there are lots of bars and pubs in the town, especially in the centre and they are regularly offering events like karaoke, pub crawl, quiz, a beer diploma and many more.



Shopping

- In the old town centre you find many fancy stores for wine, whiskey, chocolate, tea, coffee, clothes, jewelry, bags and so on, but also a lot of book stores, shops like H&M and fast food
- For food and everything you need, there are supermarkets in every part of the city (REWE, Kaufland, Edeka are the popular ones).
- Shops in Germany are usually closed on Sunday (find the exceptions here: <http://www.verkaufsoffenesonntage.info/verkaufsoffene-sonntage/baden-wuerttemberg.html>) and on official holidays. (http://www.schulferien.org/Feiertage/Feiertage_Baden_Wuerttemberg.html) Normal shops close around 6 or 7 pm, most supermarkets at 10 pm.
- If you need anything for your room, there is an IKEA in Sindelfingen (50min by train, see the point "StudIT" for an organized trip) or you can go to Hornbach (Lustnau) or Toom (Reutlinger Straße).
- In Reutlingen (15min by train) you will find a lot more shops for clothes than in Tübingen.

Transport

- Everyone in Tübingen goes by bus. If you are here in summer and don't live on a hill, you can additionally buy a bike on a flea market.
- You will find information about the bus lines, stations and timetables here: www.naldo.de.
- For information about the student ticket see "Bus ticket"

University Events and Services

StudIT

- StudIT is an organisation from students in Tübingen for exchange students. They offer a programme of social events every semester for people from different countries and cultures to get in contact with each other and with Germans.
- Mentoring programme: Register for this programme and StudIT will find a German mentor for you, a student who is interested in other cultures and who can help you with every upcoming question. Although you have a mentoring from us, this can be an additional chance to meet new people in Tübingen. It is for free and if you and your mentor don't really get along you don't need to stay in contact.
- Trips: StudIT organizes trips to different sites in the region around Tübingen. There is always one trip to the castle of Hohenzollern and another to IKEA and some to cities like Basel, Konstanz or Strasbourg.
- At the beginning of each semester StudIT organizes a Meet and Greet and an international party where you can go with some friends or with your mentor.
- <http://www.studit-tuebingen.de/>

Sports

- The University sports programme offers courses in nearly every sport you can imagine. Every course costs a small fee for the whole semester (between 15 and 80€) and you have to book them in time. Booking starts at a certain day at the beginning of every semester and who comes first gets the place in the course.
- You can find all courses and information here: <http://www.hsp.uni-tuebingen.de/>
- Moreover, you can find a bunch of fitness centers, swimming pools and dance schools through town with special offers for students.

Library

- The University library offers PCs with Wi-Fi access, printing and copying, silent work places for studying and a lot of books of course.
- You can use everything and get the books with your student ID.
- Besides the main building in the city centre (Wilhelmstraße) there are several others in the different departments.
- More information:
<http://www.uni-tuebingen.de/nc/einrichtungen/universitaetsbibliothek/home.html>

Canteen

- There are three different university canteens in Tübingen: Mensa Wilhelmstraße and Mensa Prinz Karl in the centre and Mensa Morgenstelle close to the clinics and the scientific institutes.
- In the university canteens you can choose between different kinds of food for lunch. There are always at least three different warm meals (one vegetarian) and a salad buffet.
- For the main meals you pay 2,85€ with your student ID, but some are more expensive or there is a price for 100g.
- More information:
<http://www.my-stuwe.de/mensa/>

German courses

- You can register for many different German courses in the university Department of German as a Foreign Language (<http://www.uni-tuebingen.de/einrichtungen/verwaltung-dezernate/iii-internationale-angelegenheiten/abteilung-3/deutsch-lernen.html>). They offer courses for students who already know some German and on different topics.
- You can apply for the “Tandem”-programme, which brings together exchange students who want to learn German and German students who want to learn your language. You can meet with your Tandem-partner as often as you want to have a coffee or cook together or just to correct each other’s homework.
- If you are on beginner’s level, you can attend a course at the private language school Vivat Lingua (<http://www.vivat-lingua.de/>) or the adult education centre (<http://www.vhs-tuebingen.de/vhssite/site/>) of the city of Tübingen.

Online services

- CAMPUS: This is the online university calendar with all offered courses and exams. Normally Dr. Leberherz organizes your schedule and you don’t need to apply for courses.
- ILIAS: Here you can download course materials and scripts after you got the password from the professor.

Molecular Medicine

Courses

- You can choose lectures, seminars and lab courses in the Molecular Medicine programme.
- The Bachelor’s courses are usually held in **German** while the Master’s courses are in **English**.
- Here you find all courses in the Bachelor’s programme: https://www.medizin.uni-tuebingen.de/uktmmedia/Forschung/PDF_Archiv/Molekulare+Medizin/WS2015_2016_Modulhand_Molekulare+Medizin_Vorabakkreditierung_2014_09_11_Entwurf_Vorlage_MHB+_SK_SL+_v2x-p-61595.pdf

Bachelor - 1st semester (winter term October - March)

Introduction to Chemistry

- Teaching strategies: 3h/week lecture + 3 weeks lab course
- Location: “Hörsaalzentrum Morgenstelle“ on the Schnarrenberg
- Credit points: 10 ECTS
- Content: basic organic and inorganic chemistry
- Examination: written exam, multiple choice questions

Medical Physics

- Teaching strategies: 2h/week lecture + 3h/week practical course + 3h/week seminar
- Location: „Lehr- und Lerngebäude“ and CRONA clinics on the Schnarrenberg
- Credit points: 4 ECTS
- Content: basic physics and medical applications (e.g. CT, PET, MR, Radiology, Laser)
- Examination: written exam, multiple choice questions + seminar presentation + practical course reports

Biomolecules and Cells

- Teaching strategies: 8h/week lecture, 6 weeks
- Location: “Zentrum für Molekularbiologie der Pflanzen“ on the Schnarrenberg
- Credit points: 4 ECTS (only with Molecular Medicine)
- Content: basics in cell biology, genetics and microbiology
- Examination: written exam, multiple choice questions

Molecular Medicine

- Teaching strategies: 2h/week lecture, 6 weeks
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 4 ECTS (only with Biomolecules and Cells)
- Content: brief introduction into several fields of ongoing research
- Examination: written exam, multiple choice questions

Fundamentals of Anatomy

- Teaching strategies: 4h/week lecture
- Location: old anatomy building , Österberg, town center
- Credit points: 4 ECTS
- Content: important anatomy basics with some physiology and without memorizing all bones and muscles
- Examination: written exam

Scientific English A (Written)

- Teaching strategies: 2h/week seminar
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 2 ECTS

- Content: writing abstracts, structure of a scientific paper
- Examination: writing abstracts

Fundamentals of Molecular Biology I

- Teaching strategies: 2h/week lecture
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 5 ECTS
- Content: intense DNA biology (transcription, translation, replication, repair, regulation, oncogenesis...)
- Examination: written exam, multiple choice questions

Bachelor – 2nd semester (summer term April - July)

Fundamentals of Molecular Biology II

- Teaching strategies: 2h/week lecture
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 4 ECTS
- Content: like MolBio I, with clinical applications
- Examination: written exam, multiple choice questions

Introduction to Physical Chemistry

- Teaching strategies: 2h/week lecture + 2h/week exercises
- Location: “Hörsaalzentrum Morgenstelle“ on the Schnarrenberg
- Credit points: 4 ECTS
- Content: thermodynamics, electro-chemistry, enzyme kinetics, fluorescence and light physics
- Examination: written exam

Biomathematics

- Teaching strategies: 2h/week lecture, 2h/week exercises, homework
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 4 ECTS
- Content: basics of analysis
- Examination: written exam every 2 weeks about the last topics

Scientific English B (Oral Communication)

- Teaching strategies: 2h/week seminar, discussions
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 2 ECTS
- Content: scientific vocabulary, useful phrases, eliminate common mistakes
- Examination: short presentation of a scientific article

Biochemistry I

- Teaching strategies: 10h/week lecture, 6 weeks
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 5 ECTS

- Content: nucleic acids, proteins, lipids, carbohydrates
- Examination: written exam every 2 weeks, multiple choice questions

Pathology/Neuropathology

- Teaching strategies: 2h/week lecture + 1 week lab course in summer holidays
- Location: Institute of Pathology, close to the town center
- Credit points: 4 ECTS
- Content: pathology and diagnostics of neurodegenerative diseases, infections and cancer
- Examination: written exam, multiple choice questions

Medical Ethics

- Teaching strategies: 10h/week lecture, 2 weeks + 4x2h seminar
- Location: medical clinic and “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 2 ECTS
- Content: history of medicine + medical ethics, seminar: use of laboratory animals, stem cells, genetics...
- Examination: written exam, multiple choice questions

Bachelor – 3rd semester (winter term October - March)

Biochemistry II

- Teaching strategies: 1 week lab course + 4x2h seminar in the spring holidays
- Location: Institute of Biochemistry on the Schnarrenberg
- Credit points: 6 ECTS
- Content: urea cycle, hemoglobin, proteins, enzymes, lipids...
- Examination: written exam, multiple choice questions

Human and Molecular Genetics

- Teaching strategies: 2h/week lecture + 1 week lab course in the spring holidays
- Location: “Lehr- und Lerngebäude“ and „Hörsaalzentrum“ on the Schnarrenberg
- Credit points: 4 ECTS
- Content: genetic fingerprint, heredity, hereditary diseases, diagnostics, Microarrays
- Examination: written exam, multiple choice questions

Biostatistics

- Teaching strategies: 2h/week lecture, + 2h/week tutorial
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 3 ECTS
- Content: basic statistics (odds ratio, survival curves, confidence intervals, standard deviation, t-test, regression...)
- Examination: homework at the end of the course: analyzing a dataset and answering questions

Cell Biology I

- Teaching strategies: 2h/week lecture + 2 weeks lab course and seminar in the summer holidays (after Cell Biology II)
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 4 ECTS
- Content: important signaling pathways (MAPK, PI3K, p53, Insulin, TGFβ...), cytoskeleton, extracellular matrix, stem cells, proliferation and differentiation...
- Examination: written exam, multiple choice questions

Fundamentals of Medical Laboratory Diagnostics I

- Teaching strategies: 2h/week lecture + 2h/week seminar + 3h/week lab course, 6 weeks
- Location: “Lehr- und Lerngebäude“ and Institute for Virology and Microbiology on the Schnarrenberg
- Credit points: 4 ECTS
- Content: diagnostics of infectious diseases
- Examination: written exam, multiple choice questions + presentation

Medical Microbiology/Infection Biology

- Teaching strategies: 3h/week lecture + 2 weeks lab course in the spring holidays
- Location: Institute of Virology and Microbiology on the Schnarrenberg
- Credit points: 6 ECTS
- Content: the lecture is for medicine students (diagnosis, symptoms therapy, hygiene), the lab course is more biological
- Examination: written exam

Virology

- Teaching strategies: 2h/week lecture, 1 week lab course in the summer holidays
- Location: Institute of Virology and Microbiology on the Schnarrenberg
- Credit points: 4 ECTS
- Content: biology of medical relevant viruses (structure, genetics, life cycle, pathogenesis, symptoms, diagnostics, therapy)
- Examination: written exam, multiple choice questions

Bachelor – 4th semester (summer term April - July)

Care and Use of Laboratory Animals

- Teaching strategies: 2h/week lecture
- Location: women’s hospital lecture hall
- Credit points: 3 ECTS
- Content: Care and Use of Laboratory Animals
- Examination: written exam, multiple choice questions

Fundamentals of Medical Laboratory Diagnostics II

- Teaching strategies: different methods shown in single sessions
- Location: different institutes
- Credit points: 5 ECTS
- Content: electron microscopy, flow cytometry, laser capture microdissection, microarrays...
- Examination: written exam

Biosafety/Biosecurity

- Teaching strategies: 2h/week lecture
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 3 ECTS
- Content: means of safety in the lab, relevant law, biological risk groups and biosafety levels, genetic engineering
- Examination: written exam, multiple choice questions

Immunology

- Teaching strategies: 2h/week lecture, 3 single days in a lab, 2h/week seminar
- Location: Institute for Immunology and Cell Biology on the Schnarrenberg
- Credit points: 5 ECTS
- Content: introduction to the immune system and important immunological experimental methods
- Examination: written exam, multiple choice questions + seminar presentation + lab protocols

Biometry/Epidemiology

- Teaching strategies: 2h/week lecture, 1h/week exercises
- Location: Institute of Virology and Microbiology on the Schnarrenberg
- Credit points: 4 ECTS
- Content: medical and research applications of the statistical methods learned in “Biostatistics”
- Examination: homework at the end of the course: analyzing a dataset and answering questions

Cell Biology II

- Teaching strategies: 2h/week lecture + 2 weeks lab course and seminar in the summer holidays
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 4 ECTS
- Content: like Cell Biology I
- Examination: written exam, multiple choice questions

Human Physiology I

- Teaching strategies: 10h/week lecture, 4h experiments every Friday + 2h seminar, 8 weeks
- Location: “Kupferbau” town center, Institute of Physiology

- Credit points: 5 ECTS
- Content: neurophysiology (ion channels, action potentials, perception, brain areas, sleep, memory, diseases...)
- Examination: written exam, multiple choice questions

Bachelor – 7th semester (winter term October - March)

Clinical Oncology I

- Teaching strategies: 10h/week lecture, 2 weeks (course over 2 semesters!)
- Location: CRONA clinic on the Schnarrenberg
- Credit points: 4 ECTS (only with Clinical Oncology II)
- Content: pathogenesis, diagnostics, symptoms, therapy, epidemiology of cancer
- Examination: written exam about I and II after II, multiple choice questions

Pharmacology/Toxicology

- Teaching strategies: 3 week block lecture and 1 week lab course/seminar
- Location: Institute of Pharmacology, town center
- Credit points: 4 ECTS
- Content: metabolism, analgesics, teratogens, effect of common toxins, oncogenic substances
- Examination: oral exam

Radiation Biology

- Teaching strategies: 2 week block with lecture, seminar, lab course (all day)
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 4 ECTS
- Content: radiation induced DNA damage and repair, signaling pathways, cell death, radiation therapy
- Examination: written exam, multiple choice questions

Fundamentals of Medical Imaging

- Teaching strategies: 16h/week lecture, 2 weeks
- Location: Department of Radiology on the Schnarrenberg
- Credit points: 4 ECTS
- Content: PET, CT, MRI, technology and application
- Examination: written exam

Advanced Microbiology

- Teaching strategies: 2 h/week lecture
- Location: Institute of Virology and Microbiology on the Schnarrenberg
- Credit points: 4 ECTS
- Content: pathogenesis strategies of bacteria
- Examination: written exam

Advanced Biometry/Epidemiology (Mathematic Modeling)

- Teaching strategies: 2 week block interactive lecture and exercises (all day)
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 4 ECTS
- Content: modeling biological processes, infection spread
- Examination: written exam at the end of each week

Neurobiology I

- Teaching strategies: 2h/week lecture (course over 2 semesters!)
- Location: “Lehr- und Lerngebäude“ on the Schnarrenberg
- Credit points: 4 ECTS (only with Neurobiology II)
- Content: synapses, neurobiochemistry, neuroanatomy, neurodegenerative diseases, epilepsy, memory...
- Examination: written exam about I and II after II

Human Physiology II

- Teaching strategies: 10h/week lecture, 4h experiments + 2h seminar every Friday, 6 weeks
- Location: “Kupferbau” town center, Institute of Physiology
- Credit points: 4 ECTS
- Content: organ functions (heart, lung, guts, kidneys, blood...)
- Examination: written exam, multiple choice questions

Bachelor – 8th semester (summer term April - July)

Clinical Oncology II

- Teaching strategies: 10h/week lecture, 2 weeks
- Location: CRONA clinic on the Schnarrenberg
- Credit points: 4 ECTS (only with Clinical Oncology I)
- Content: like Clinical Oncology I
- Examination: written exam on I and II, multiple choice questions

Neurobiology II

- Teaching strategies: 2h/week lecture
- Location: “Lehr- und Lerngebäude” on the Schnarrenberg
- Credit points: 4 ECTS (only with Neurobiology I)
- Content: like Neurobiology I
- Examination: written exam on I and II

Infectiology

- Teaching strategies: irregular
- Location: “Lehr- und Lerngebäude” on the Schnarrenberg
- Credit points: 4 ECTS
- Content: granulocytes, cystic fibrosis, multiresistant bacteria, antibiotics...
- Examination: written exam, multiple choice questions

Hematology

- Teaching strategies: 3h/week lecture + 2h/week seminar
- Location: “Lehr- und Lerngebäude” on the Schnarrenberg
- Credit points: 4 ECTS
- Content: malignancies of the blood
- Examination: written exam, multiple choice questions

Advanced Virology

- Teaching strategies: 2h/week lecture, 8 weeks
- Location: Institute of Virology and Microbiology on the Schnarrenberg
- Credit points: 4 ECTS
- Content: biology of medically relevant viruses
- Examination: written exam, multiple choice questions

Clinical Chemistry

- Teaching strategies: block lecture, 6 weeks
- Location: medical clinic on the Schnarrenberg
- Credit points: 4 ECTS
- Content: diagnostic markers for several diseases/organs
- Examination: written exam

Parasitology

- Teaching strategies: 5 week lecture block
- Location: Institute of Tropical Medicine, town center
- Credit points: 4 ECTS
- Content: basic parasitology
- Examination: written exam

➤ You will find all courses in the Master’s programme here: http://www.uni-tuebingen.de/index.php?eID=tx_nawsecuredl&u=0&g=0&t=1446822917&hash=463ea65b1d0e59e7204c85d19b5a6bd56d94e957&file=fileadmin/Uni_Tuebingen/Fakultaeten/Medizin/Dekanat/Studiendekanat/Dokumente/Molmed/Modulhandbuch_Stand_Februar_2012_Homepage.pdf

➤ The Master’ courses are only held in the winter term (October – March).

Advanced Molecular Oncology

- Teaching strategies: 2h/week lecture
- Location: “Abteilung für Strahlenbiologie”, town center
- Credit points: 3 ECTS
- Content: pathogenesis, diagnostics, therapy
- Examination: written exam

Advanced Immunology

- Teaching strategies: lecture
- Location: “Verfügungsgebäude” on the Schnarrenberg
- Credit points: 3 ECTS

- Content: evolution, T Cell populations, MHC, immunopathology..
- Examination: written exam

Genetic and Molecular Basis of Neuronal Disease

- Teaching strategies: lecture
- Location: “Hertieinstitut” on the Schnarrenberg
- Credit points: 3 ECTS
- Content: pathogenesis of neurodegenerative disease
- Examination: written exam

Advanced Infectiology

- Teaching strategies: 2h/week lecture
- Location: different
- Credit points: 3 ECTS
- Content: viral life cycle, bacteria-phagocyte interaction, Malaria...
- Examination: written exam

Seminar Meet the Expert: Current topics in Oncology

- Teaching strategies: lecture
- Location: “Abteilung für Strahlenbiologie”, town center
- Credit points: 3 ECTS
- Content: ongoing research
- Examination: no grading

Seminar Meet the Expert Cell Biology and Immunology

- Teaching strategies: seminar and lecture by external speakers
- Location: “Verfügungsgebäude” on the Schnarrenberg
- Credit points: 3 ECTS
- Content: ongoing research
- Examination: presentation, no grading

Seminar Meet the Expert: Current topics in Neuroscience/Neurobiology

- Teaching strategies: seminar/lecture by external speakers
- Location: “Hertieinstitut” on the Schnarrenberg
- Content: ongoing research
- Examination: no grading

Seminar Meet the Expert in Infectiology

- Teaching strategies: lecture
- Location: different
- Credit points: 3 ECTS
- Content: ongoing research
- Examination: no grading

Seminars Neurocolloquium, Hertie Seminar, DZNE-Seminar

- Teaching strategies: different seminars
- Location: “Hertieinstitut” on the Schnarrenberg
- Credit points: 1 ECTS

- Content: ongoing research
- Examination: no grading

Molecular Neuroscience Journal Club

- Teaching strategies: lecture
- Location: “Hertieinstitut” on the Schnarrenberg
- Credit points: 2 ECTS
- Content: recently published articles on molecular neuroscience
- Examination: no grading

Student Board (Fachschaft)

- The student board organises events for the students of Molecular Medicine. As an exchange student in our programme you are invited to join these if you like.
- Christmas party and summer barbecue: Once every semester we have a big get together with food and drinks.
- Every other week there is a regulars’ table in a bar in the center, just to come together, meet students from other semesters.
- Occasionally we plan extracurricular talks given by professors or trips to congresses to get an insight into ongoing research in Tübingen and Germany.

Earning Money

If you need some additional money you have different opportunities to work in Tübingen. However, first check if your visa allows you to earn money here (non-EU students).

- Work as a student assistant at the university brings quite a lot of money (9,29 €/h for undergraduates, 10,81 €/h with Bachelor’s degree). It is the same for every student job at the university, but the work is very different. You can for example work in a lab (which is great because besides earning money you learn new methods or improve your skills), but there are also jobs in the administration, as a tutor, and even in the canteen serving food. The working hours vary between 5 and 80 per month.
- Like in every university town students can find work in bars, cafés or shops.
- If you don’t want to sign a contract and work regularly, you can donate blood for 25€ at the hospital (<http://www.blutspendezentrale.de/>) or participate in experiments and studies (e.g. learning and memory in MRI). These are advertised via the university mail address.

Traveling

You can travel in Germany by plane, train, bus or “Mitfahrgelegenheit” (car sharing) or rent a car.

- Trains are the most common means of travelling in Germany (www.deutschebahn.com). The fast trains (ICE) are very expensive, so often it is better to spend more time on the train, but save money. The “Baden-Württemberg-Ticket” for example allow you to use slower trains in the whole federal state for one day with up to 5 persons (one person 23€, 5 persons 43€). The “Quer-durchs-Land-Ticket” and the “Schönes-Wochenende-Ticket” allow you to use all slower trains in the whole country for one day with special prices.
- Since 1st January 2013, bus companies in Germany are allowed to offer tours of more than 50km. This is still at the beginning, but these tours are normally cheaper than the train (www.deinbus.de, www.berlinlinienbus.de, www.eurolines.de, www.meinfernbus.de, www.flixbus.de).
- “Mitfahrgelegenheit” (www.mitfahrgelegenheit.de, www.blablacar.de) means that someone offers you a place in his or her car for a proportion of the costs. Normally this is cheaper than the train, but it can rarely happen that people overbook their cars and you don’t get the place you booked. Girls offering a place sometimes take only girls with them. If you have a big suitcase ask the driver beforehand if there is enough space.
- The next airport to Tübingen is Stuttgart (see “Your way to Tübingen”). You can find cheap flights from there with www.germanwings.com or www.airfrance.de. www.ryanair.com is also a low-cost company very used in Europe, but they start from Frankfurt Hahn.

Have a nice time in Tübingen
And ask us if you have any questions or problems!