Information Sheet
for Prospective Incoming Students

Address
Technical University of Munich
TUM School of Life Sciences Weihenstephan
Alte Akademie 8
85354 Freising-Weihenstephan
Germany

Dean
Prof. Dr.-Ing. Thomas Becker

International Affairs Delegate
Prof. Dr. Dieter Langosch

Internet Address
http://wzw.tum.de

Contact
international@wzw.tum.de

Erasmus Code
D MUENCHEN02

TUM offers opportunities for international EXCHANGE STUDENTS (maximum of three semesters within the scope of an exchange program, like Erasmus+, TUMexchange or within a bilateral university agreement) as well as for international DEGREE STUDENTS (pursuing a BSc or MSc degree).

Contact for Exchange Students
Prof. Dr. Ludwig Niessen
Email: niessen@mytum.de

Application for EXCHANGE Students
Winter Term (or for the entire year at TUM) 15 May
Summer Term 31 October

For detailed information about the application process, please visit the International Center pages “Coming to TUM” https://www.international.tum.de/en/exchangestudents/

How to identify Courses Suitable for Your EXCHANGE Program
You can search our online course database TUMonline for courses held in English. You can, of course, also choose from the entire German study guide. The curriculum is updated during February/March for the summer and August/September for the winter term. More information on the exact time and location of lectures/courses is finally available in TUMonline. Please note that some courses (especially practical courses and laboratory courses) have a limited number of places, and for those the degree students of the faculty have priority. 50% of credits have to be earned by attending courses offered by the TUM School of Life Sciences Weihenstephan, another 50% can be chosen from other TUM Schools (e.g. Chemistry, Physics, etc.).


Application for DEGREE Programs
Bachelor 15 March – 15 July
Master 01 April – 31 May for Winter Term
Application Procedure for DEGREE Programs
If you are applying with an international higher education entrance qualification be sure to observe these additional steps before starting your online application:

- Check your higher education entrance qualification
- Provide proof of your language skills within the application period
- Apply for your preliminary documentation via uni-assist within the application period
- Learn about the specific requirements for applicants from certain countries
- Be aware of possible visa requirements


Time Table

---------------------------------------------------------------------------------------------------------------------------
<table>
<thead>
<tr>
<th>Winter Term 2019/20</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester Duration</td>
<td>01.10.2019 – 31.03.2020</td>
</tr>
<tr>
<td>Lecture Period</td>
<td>14.10.2019 – 07.02.2020</td>
</tr>
<tr>
<td>Exam Period</td>
<td>03.02.2020 – 14.03.2020 and 23.03.2020 – 18.04.2020 *</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Summer Term 2020</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Semester Duration</td>
<td>01.04.2020 – 30.09.2020</td>
</tr>
<tr>
<td>Lecture Period</td>
<td>20.04.2020 – 24.07.2020</td>
</tr>
</tbody>
</table>

Accommodation
The application at the TUM School of Life Sciences does not include an offer for a room in a student dormitory. Finding accommodation in the Munich area isn’t easy. The student union STUDENTENWERK dos offer rooms and apartments for degree students but the high demand for such rooms produces waiting times between one and four semesters. Degree Students can apply starting 15 May for the winter term and 15 November for the summer term.

For students participating in an exchange program it is NOT possible to take part in the online registration at Studentenwerk. However, for students participating in an international exchange program in Freising-Weihenstephan, we have a limited number of Servicepaket -rooms available which are allocated to applicants by means of a raffle.

How to get to Weihenstephan Campus

from Munich Airport: There is a direct bus #635 which runs every 20 minutes throughout the day between the airport and Freising main station.

from Munich Central Station: It takes approximately 40 minutes by S-Bahn (suburban train) from Munich station to Freising station using line “S1” - Munich Transport and Tariff Association (MVV)

It takes approximately 25 minutes by local train from Munich central station to Freising station (bound for Regensburg, Passau, Prague) - Deutsche Bahn

Orientation Program
TUM International (or TUMi for short) provides support for new international students at the beginning of their studies in Munich and offers a comprehensive program of cultural activities throughout the semester. Orientation weeks take place at the beginning of each semester at the TUM headquarter in Munich, https://www.international.tum.de/en/coming-to-tum/tumi/

The TUM School of Life Sciences also offers a Welcome Day for International Students at our campus in Freising-Weihenstephan including support for registration with local authorities, information and guidance about studying and living in Freising and a get-together designed to help settle into life at WZW (short for Wissenschaftszentrum Weihenstephan – the TUM School of Life Sciences).
Key Data of Study Programs

**Pharmaceutical Bioprocess Engineering**
**Bachelor of Science (B.Sc.)**

The bachelor's program in Bioprocess Engineering deals with the relations between process engineering, biology, technology and biochemistry, as found in biotechnology and the pharmaceutical industry.

The curriculum covers the broad spectrum of requirements in the complex field of Bioprocess Engineering, from the development of new methods of production and fermentation to the optimization of existing production processes through to establishing methods of quality assurance in the manufacturing process. In addition, the program also gives due consideration to the area of production plants, including, for example, the construction of utilities. Further content concerns the analytical monitoring of product characteristics. Given that the biopharmaceutical industry is comparatively young, the development of innovative procedures is very relevant. During their studies, students are specifically prepared for the development of new methods.

**Language of Instruction:** German
**Standard Duration of Studies:** 6 semesters fulltime
**Credits:** 180 ECTS

**Academic Counseling:**
- Dr. Meike Meißner
  Phone: +49 8161 71 4547
  Email: support@studienfakultaet.de

  Alexandra Neumayr
  Phone: +49 8161 71 3131
  Email: support@studienfakultaet.de

---

**Brewing and Beverage Technology**
**Bachelor of Science (B.Sc.)**

The bachelor's program in Brewing and Beverage Technology deals with technical procedures and processes relating to biology, technology and biochemistry, as seen in beverage production and the brewing of beer.

The discipline-specific training covers a broad spectrum of subjects, including the purchase and assessment of raw materials, the organization and optimization of various stages of production, and the implementation of quality assurance systems. Further aspects of the program deal with the construction or adaptation of production plants and utilities, the analytical and sensory monitoring of product characteristics, and the development of new beverages.

**Language of Instruction:** German
**Standard Duration of Studies:** 6 semesters fulltime
**Credits:** 180 ECTS

**Academic Counseling:**
- Dr. Meike Meißner
  Phone: +49 8161 71 4547
  Email: support@studienfakultaet.de

  Alexandra Neumayr
  Phone: +49 8161 71 3131
  Email: support@studienfakultaet.de
**Food Technology**  
**Bachelor of Science (B.Sc.)**

The bachelor’s program in Food Technology and Biotechnology deals with procedural, biological, technological and biochemical processes that occur throughout the value-added chain in food production. Content relating to economics completes the program.

The study plan covers the broad spectrum of demands relating to the complex process of food manufacture: from the purchase and assessment of raw materials, through the organization and optimization of the widest possible range of production steps, to establishing quality assurance systems in the manufacturing process. In addition, the program handles problems associated with the planning of new and conversion of existing production facilities. Further degree course content includes that relating to the analytical or sensory monitoring of product characteristics. A central focus lies on the development of innovative and individual products tailored to consumer behavior.

**Language of Instruction:** German  
**Standard Duration of Studies:** 6 semesters fulltime  
**Credits:** 180 ECTS  
**Academic Counseling:**  
Dr. Meike Meißner  
Email: support@studienfakultaet.de  
Alexandra Neumayr  
Email: support@studienfakultaet.de

---

**Pharmaceutical Bioprocess Engineering**  
**Master of Science (M.Sc.)**

Given its interdisciplinary orientation, the master’s program in Pharmaceutical Bioprocess Engineering is unique in Germany. The program is founded upon engineering, the natural sciences and economics, as they relate to innovative biopharmaceutical technology.

The program has two specialist focus areas: firstly, process engineering and process automation; and secondly, the specialization, based on fundamental principles of the natural sciences, in molecular biology and biochemistry.

In the master’s program, these focus areas are complemented by a broad range of required electives offered in various disciplines. Required electives account for ca. 25%, allowing graduates to develop and sharpen their own individual profile. The choice of subject for the master’s thesis reinforces this profile.

Experience shows that graduates enjoy excellent professional prospects on the employment market. Areas of activity can range from the monitoring of bioprocesses, to the design of fermentation facilities.

The master’s program in Pharmaceutical Bioprocess Engineering is the consecutive program that directly follows on from the bachelor’s program in Bioprocess Engineering at the TUM School of Life Sciences Weihenstephan. The bachelor’s degree will have covered fundamental principles of the natural sciences and process engineering that, during the master’s program, are broadened out in a discipline-oriented manner. The curriculum covers, and advances students’ knowledge of, the widest possible range of areas relating to bioprocess engineering: from the development and design of new production and fermentation processes, through the optimization of existing methods of production, to the introduction and monitoring of quality control methods. In addition, the utilities found in a pharmaceutical company are given equal consideration. A further part of the master's degree concerns the analytical monitoring of product characteristics. Given that the biopharmaceutical industry is comparatively young, the development of innovative procedures and technologies is profoundly relevant. Students are specifically prepared to handle such matters during the course of the degree.

**Language of Instruction:** German  
**Standard Duration of Studies:** 4 semesters fulltime  
**Credits:** 120 ECTS  
**Academic Counseling:**  
Dr. Meike Meißner  
Email: support@sudienfakultaet.de  
Alexandra Neumayr  
Email: alexandra.neumayr@tum.de
**Brewing and Beverage Technology**  
**Master of Science (M.Sc.)**

The specific orientation of the master’s program in Brewing and Beverage Technology makes it one of only a few study options in this specialist area. The program is rooted in engineering, the natural sciences and economics, as they relate to brewing and beverage technology.

The program has two specialist focus areas: firstly, process engineering and process automation; and secondly, the specialization, based on fundamental principles of natural science, in brewery technology. In the master’s program, these focus areas are complemented by a broad range of required electives offered in various disciplines. Required electives account for ca. 25%, allowing graduates to develop and sharpen their own individual profile. The choice of subject for the master’s thesis reinforces this profile.

Experience shows that graduates enjoy excellent professional prospects on the employment market. Areas of activity can range from the monitoring of production and product quality, to the design of production facilities and associated plant technology.

The master’s program in Brewing and Beverage Technology is a consecutive program that directly follows on from the bachelor’s program in Brewing and Beverage Technology at the TUM School of Life Sciences Weihenstephan. The bachelor’s degree will have covered fundamental principles of the natural sciences and process engineering that, during the master’s program, are broadened out in a discipline-oriented manner. The curriculum allows students to pursue and advance their knowledge of the widest possible range of areas relating to brewing and beverage technology: from the development and design of new production processes, through the optimization of existing methods of production, to the introduction and monitoring of quality control methods. In addition, equal attention is paid to the utilities found in beverage production plants. A further part of the degree concerns the analytical monitoring of product characteristics. In the traditional brewing and beverage industry too, there is a high demand for innovative products, procedures and technologies. During the course of the degree, students are specifically trained to develop these.

**Language of Instruction:** German  
**Standard Duration of Studies:** 4 semesters fulltime  
**Credits:** 120 ECTS

**Academic Counseling:**  
Dr. Meike Meißner  
Email: support@sudienfakultaet.de

Alexandra Neumayr  
Email: alexandra.neumayr@tum.de

---

**Food Technology**  
**Master of Science (M.Sc.)**

The master’s program in Food Technology and Biotechnology is a highly renowned program at the Technical University of Munich. The program is rooted in engineering, the natural sciences and economics, as they relate to food technology.

The master’s program is structured as a full-time, modular degree. The standard duration of study is four semesters. Within this time, students must complete course components that earn them 120 Credits in total. Of these, 30 Credits are allotted to the master’s thesis, which is to be completed during the forth semester of study. A compulsory core curriculum, focused on deepening students’ foundations in the discipline, is accompanied by an extensive offering of required electives, allowing students to sharpen their own profile in accordance with their interests. Required modules support specialization in disciplines such as food technology, innovative food concepts and technologies, or the micro- and macro-structures of food. Here, the integration of focus areas relating to process engineering and food technology becomes clear. The wide range of laboratory internships on offer helps establish a practical way of relating to the theory learned. In the context of the master’s thesis, students advance their knowledge of already familiar scientific modes of working.

**Language of Instruction:** German  
**Standard Duration of Studies:** 4 semesters fulltime  
**Credits:** 120 ECTS