Information event for students in the first semester of the Bachelor in Management and Technology (TUM-BWL)

TUM School of Management
Christine Geiger
January 21, 2022
German as a Foreign Language

- TUM Sprachzentrum offers courses exclusively for international students of TUM School of Management during the lecture free period.
- The intensive courses and trainings in spring 2022 belong to the winter semester 2021/2022.
- They will start at the end of February/beginning of March and will last two to five weeks.
- All courses and trainings are currently expected to take place online and live.
- For more information, please visit the following website: [https://www.sprachenzentrum.tum.de/en/languages/german-as-a-foreign-language/courses-during-the-semester-break](https://www.sprachenzentrum.tum.de/en/languages/german-as-a-foreign-language/courses-during-the-semester-break)

**Language Courses March 2022 (Wintersemester 2021/22)**
- A1.1, A1.2
- 50 teaching units 14x in the evenings
- 4 Credits
- 10 x in the mornings

**Language Courses March 2022 (Wintersemester 2021/22)**
- All levels from A1.1 to B2.2
- four weeks
- 56 teaching units
- 14 x in the evenings
- 4 Credits

**Communication at Work**
- B2/C1
- 24 teaching units
- 6 x in the mornings
- 15 teaching units
- 1 Credit
Agenda

- General information (courses, exams, etc.)
- English vs. German Track
- Most important legal regulations
- Credit Transfer, International Experience & Communications Skills
- Further information & guidance
- Specialization in technology
Agenda

1. General information (courses, exams, etc.)
2. English vs. German Track
3. Most important legal regulations
4. Credit Transfer, International Experience & Communications Skills
5. Further information & guidance
6. Specialization in technology
You can find important information here:

- On our website, you will find further information on Program Structure, Course Schedules, FAQ and important documents and information sheets.
## Examinations

### General information

- A module is usually concluded with a **module exam**.
- In addition to the exam, **further assessments (papers, mid-terms, etc.)** might be required during a course.
- A module is passed when you have successfully passed the **module exam**.
- Mandatory modules and compulsory elective modules **have to be passed**.
- **Exception**: Elective modules
- Additional subjects **do not count** towards your degree and the study process monitoring.
- Please bring your **student card and identity card** to all of your exams.
- Students on a **leave of absence cannot** participate in examinations taken for the first time.
- Chairs usually offer **post-exam reviews**.
- **Contact person for issues during exam registration**: examregistration@mgt.tum.de.
Examinations – Illness

• In case of illness provide a medical certificate or a certificate issued by an official medical examiner or public health officer ("Amtsarzt", a list of TUM Partner Physicians can be found here: https://www.tum.de/en/studies/during-your-studies/organizing-your-studies/examinations/withdrawing-from-examinations-medical-certificates).

• The certificate must specify the timeframe — beginning and end date — of the illness-related withdrawal and state the reasons for withdrawal.

• If you feel sick during the exam, please notify the examiner immediately!

• Please contact for more information/submit the medical certificate to the Grade Management Office (for contact information, please refer to the next slide).
Examinations – Grade Management Office

Ms. Lütkemeyer
Phone: 089 / 289 – 25086

Ms. Huang
Phone: 089 / 289 – 23884

Mail: grademanagement@mgt.tum.de

Ms. Rothenburger
Phone: 089 / 289 – 25033

Ms. Lange
Phone: 089 / 289 – 25073
Examinations – Resitting an exam

<table>
<thead>
<tr>
<th>General information</th>
<th>Retake procedure</th>
<th>Important</th>
</tr>
</thead>
<tbody>
<tr>
<td>• If a module examination in a required or required elective module is failed, the module examination must be repeated.</td>
<td>• The retake exam should be taken within 6 months.</td>
<td>• An improvement of the grade (when you passed) by resitting the exam is not permitted.</td>
</tr>
<tr>
<td>• For every module examination at least one opportunity to resit the exam will be given.</td>
<td>• The retake exam will take place either before the beginning or at the end of the lecture period of the following semester.</td>
<td>• <strong>There is no limitation of retake exams!</strong> However, the student’s progress must be adhered.</td>
</tr>
<tr>
<td></td>
<td>• <strong>Attention:</strong> You have to register for the retake exam. The previous registration for the exam is not valid.</td>
<td>• <strong>Exception:</strong> Bachelor’s Thesis and any attempt of deceit (incl. plagiarism) → only one retake exam will be granted.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• In serious cases or repeated attempts of deceit the student can immediately be excluded from taking further examinations in their study program and thus will be deregistered.</td>
</tr>
</tbody>
</table>
Instructions for downloading the exam certificate

- To log in, please go to the start page of TUMonline (https://campus.tum.de).

- The login page will open. Enter your username and password here.

- Your account will open. Click on „Transcripts“ in the „Exams“ menu.

- A window will open with your exam certificates. Choose the right semester and the right study program. Print out the exam certificate by clicking on the printer button.
Agenda

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- Specialization in technology
Bachelor in Management & Technology: Your options

1. Study program
2. Alternatives

- Courses in English
- Computer Engineering
- Labeled „100% in English“

- Mixed Track
- German language skills needed
English Track vs German Track

The study plan of the German track needs to be compatible with all 5 specializations (Electrical and Information Engineering, Informatics, Mechanical Engineering, Chemistry and Medicine) taught in German language and we are highly dependent on the planning made by each chair.

The English track is intended for students with little or no knowledge of German and whose specialization choice is limited to “Computer Engineering”. Thus, the English track only needs to be compatible with this specialization.

Due to these organizational difficulties, we cannot guarantee the avoidance of overlaps between courses and/or exams if you choose to mix both tracks.
Lectures and Exams in German and English

- You can decide whether you want to take the basic courses in German (if available) or in English.
- However, in consecutive courses it is recommended to continue with the language from the previous course, e.g. Economics I + II or Law I + II.
Lectures and Exams in German and English

• To avoid an overlap of lectures and exams, it’s recommended to choose the courses as in the course schedules distinct by the two tracks.

• If you mix up modules of both tracks, we cannot guarantee that the course schedules won’t overlap.

Corona Virus Update: Please note that you can find the most recent updates and information on how it is affecting operations at TUM here.

Please note

- Onboarding schedules for BMT students in winter semester 21/22 can be found here.
- Registration for seminars and practical courses TUM Department of Informatics in winter semester 2021/22. A guide is available here.
- Limited courses with free capacities in winter semester 2021 can be found here. (Stand 22.10.2021)
- Planned video recordings for the winter term 2021: Full list here
- New Softskill Seminars: find infos on dates and registration here.
- Recommended order to elected engineering/natural science subject: Computer Engineering can be found here
- Programming for Social Scientists: important theoretical and practical basics of computer programming in English and German. The course can be recognized as an elective module. More information available in TUMonline.

COURSE SCHEDULES WS 21/22

1st semester students English track (as of 14/10/2021)
1st semester students German track (as of 14/10/2021)
3rd semester students English track (as of 24/09/2021)
3rd semester students German track (as of 27/10/2021)
5th semester students German track (as of 10/09/2021)
English Track vs German Track

It is allowed to take single courses from the English track while following the German track. Please note in this case that it’s your responsibility to make sure that no overlaps occur.

If you intend to take courses from both tracks, please do not put a checkmark in your curriculum support in TUMonline (next slide for more information).

The choice of language is binding when you register for the exam in that course. Please contact examregistration@mgt.tum.de in case of issues.
Lectures and Exams in English

- If you intend to take courses from both tracks, please do not put a checkmark in your curriculum support in TUMonline.
English Track vs German Track

1. Semester

**English Track**
- Mathematics I
- Introduction to Entrepreneurship (Introduction to Business Ethics)
- Management Science
- Financial Accounting
- Economics I

**German Track**
- Mathematics I
- Introduction to Entrepreneurship (Introduction to Business Ethics)
- Management Science
- Financial Accounting
- Volkswirtschaftslehre I

**Basics in Mathematics / Natural Sciences**

**Basics in Business**

**Basics in Economics**
English Track vs German Track

**English Track**
- Statistics for Business Administration
- Production and Logistics
- Cost Accounting
- Economics II
- Computer Engineering Elective (e.g. Information Management for Digital Business Models)

**German Track**
- Statistics for Business Administration
- Production and Logistics
- Cost Accounting
- Volkswirtschaftslehre II
- Allgemeine und Anorganische Chemie (Chemistry), Information Management für Digital Business Models (Informatics), Mathematics II (Mechanical Engineering, Electrical Engineering)

**2. Semester**
- Basics in Mathematics / Natural Sciences
- Basics in Business
- Basics in Economics
- Technical Specialization

Christine Geiger | TUM School of Management | Winter semester 2021/2022
English Track vs German Track

### English Track
- Strategic & International Management and Organizational Behaviour
- Investment & Financial Management
- Business Law I

### German Track
- Strategic & International Management and Organizational Behaviour
- Investitions- und Finanzmanagement
- Wirtschaftsprivatrecht I

### 3. Semester
- Basics in Business
- Basics in Law

### Technical Specialization
- Computer Engineering Elective (e.g. Introduction into Computer Science (for non-Informatics studies), etc.)*

### *please refer to our course schedules for further information.
English Track vs German Track

**English Track**
- Marketing & Innovation Management
- Empirical Research Methods
- Business Law II

**Technical Specialization**
- Computer Engineering Elective (e.g. Principles of Information Engineering, etc.)*

**German Track**
- Marketing and Innovation Management
- Empirical Research Methods
- Wirtschaftsprivatrecht II
- Einführung in die organische Chemie, etc. (Chemistry), Einführung in die Softwaretechnik (Informatics), Werkstoffe im Maschinenwesen, etc. (Mechanical Engineering), Elektrotechnologie, etc. (Electrical Engineering)*

*please refer to our course schedules for further information.
Agenda

General information (courses, exams, etc.)

English vs. German Track

Most important legal regulations

Credit Transfer, International Experience & Communications Skills

Further information & guidance

Specialization in technology
Must Know

Most important regulations

- General Academic and Examination Regulations (APSO) – TUM wide general procedural regulations
- Program-Specific Academic and Examination Regulations (FPSO) – TUM-BWL specific regulations
- Enrollment, Re-enrollment, Leave of Absence and Withdrawal Regulations – TUM wide procedural regulations
- Only the German versions are legally binding!

Important terms

- “Änderungssatzung” (Amendment) – not the complete regulations, legally binding
- “Lesbare Fassung” (Consolidated version) – Regulations + Amendment, not legally binding
- Legal expression – know the difference (only German version is legally binding)

„soll“ is expected to, should not mandatory
„kann“ can not mandatory
„muss“ must mandatory
„ist zu“ is to mandatory
General Academic and Examination Regulations

Student's Progress

• In order to complete the degree program within the regular study period, students should earn 30 credits per semester.

• It is not recommended to take less than 22 credits per semester.

• Program specific (no “GOP”s!) AND TUM-wide hurdle.

• Student's progress will be monitored once a semester (Study Progress Monitoring).

• Please get in touch with us if you need advice in order to meet these requirements.
Program-Specific Academic and Examination Regulations (TUM-BWL Bachelor)

• **End of the second semester:** students must have passed at least three of the four following exams: Mathematics I, Management Science, Statistics I, Economics I.

• Credit recognition from previous studies **during the first year of study**.

• **Please note:** If you have **more than 29 credits** transferred, you will automatically be moved into the **next semester**.

<table>
<thead>
<tr>
<th>Winter term (1st Semester)</th>
<th>Summer term (2nd Semester)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics I (regular and retake exam)</td>
<td>Statistics I (regular and retake exam)</td>
</tr>
<tr>
<td>Management Science (regular exam)</td>
<td>Management Science (retake exam)</td>
</tr>
<tr>
<td>Economics I (regular exam)</td>
<td>Economics I (retake exam)</td>
</tr>
</tbody>
</table>

„GOP“s !!!
Program-Specific Academic and Examination Regulations (TUM-BWL Bachelor)

TUM-wide students’ progress hurdle

- Students **must have earned** at least the following total number of credits by the end of the semester in question:
  - a minimum of **30 credits** by the end of the 3rd semester
  - a minimum of **60 credits** by the end of the 4th semester
  - a minimum of **90 credits** by the end of the 5th semester
  - a minimum of **120 credits** by the end of the 6th semester
  - a minimum of **150 credits** by the end of the 7th semester
  - a minimum of **180 credits** by the end of the 8th semester

**Attention**: If students **do not earn the required number of credits** by the end of the semester in question, they will be considered to have failed the modules and will be **deregistered** from the degree program.
General Academic and Examination Regulations (TUM-wide)

Vorbemerkung zum Sprachgebrauch:

1. Nach Art. 3 Abs. 2 des Grundgesetzes sind Frauen und Männer gleichberechtigt. Alle Person- und Funktionsbezeichnungen in dieser Satzung gelten daher für Frauen und Männer in gleicher Weise.


Extended deadlines due to Corona

To counter the effects of the pandemic, examination and other deadlines will be extended for the winter semester 21/22!

- All deadlines regarding academic progress are postponed by one semester!

Including:

1. Program-specific hurdle („3 out of 4 rule“):
   - Normally, you need to pass 3 out of 4 of the modules Mathematics 1, Management Science, Economics 1 and Statistics by the end of the second semester.
   - BUT due to this special „corona rule“, you have time until the end of the third semester until this deadline applies.

2. TUM-wide required number of credits each semester (study progress):
   - Every credit deadline mentioned on slide 27 is postponed by one semester.

Enrollment, Re-enrollment, Leave of Absence and Withdrawal Regulations

- Students have to inform TUM about their change of address or change of name.

- You have to inform the Enrollment Office in case you lose your Student Card.

- If you have not paid your semester fees within the stipulated period, your enrollment will be terminated automatically.

- It is possible to apply for a leave of absence – more information can be found here: [https://www.tum.de/en/studies/during-your-studies/organizing-your-studies/leave-of-absence](https://www.tum.de/en/studies/during-your-studies/organizing-your-studies/leave-of-absence).
Enrollment, Re-enrollment, Leave of Absence and Withdrawal Regulations

https://portal.mytum.de/kompass/rechts sicherheitswesen/im matrikulationssatzung/document_view?
Agenda

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- Further information & guidance
- Specialization in technology
Reminder: Credit Transfer

- You have to apply for the recognition of previous examinations until the end of the 2nd semester and before registering for the corresponding exam.

More Information:

- Our Grade Management is responsible for Credit Transfer and Recognition. You can find their contact information on the next slide.
Located in the Munich area.

Phone: 089 / 289 – 25086  
Ms. Lükemeyer

Phone: 089 / 289 – 23884  
Ms. Huang

Mail: grademanagement@mgt.tum.de

Phone: 089 / 289 – 25073  
Ms. Lange

Phone: 089 / 289 – 25033  
Ms. Rothenburger
Modules “International Experience“ & „Communications Skills”

International Experience

International Experience & Communication Skills

Communication Skills

3 ECTS

3 ECTS

Christine Geiger | TUM School of Management | Winter semester 2021/2022
# Options for International Experience

<table>
<thead>
<tr>
<th>Study abroad</th>
<th>Internship abroad</th>
<th>Other stays abroad</th>
</tr>
</thead>
<tbody>
<tr>
<td>• For example: Exchange Programs, Freemover</td>
<td>• Minimum of 60 consecutive calendar days</td>
<td>• For example: Au-pair, Work-and-Travel, etc.</td>
</tr>
<tr>
<td>• Minimum of 60 consecutive calendar days</td>
<td></td>
<td>• No language courses (communication skills)</td>
</tr>
</tbody>
</table>

• Interested in a semester abroad? Please find more information here: [https://www.wi.tum.de/student-life/going-abroad/](https://www.wi.tum.de/student-life/going-abroad/).

• **To complete the module, students have to:**
  • complete a **stay abroad** relevant to their subject of studies,
  • register and **upload the documents** for approval to **write the exam** (via [https://ie.wi.tum.de](https://ie.wi.tum.de)).

• Students can then preregister and write the exam.
• For more information please refer to the information sheet on our website: [https://www.wi.tum.de/programs/bachelor-in-management-technology-six-specializations/downloads/](https://www.wi.tum.de/programs/bachelor-in-management-technology-six-specializations/downloads/).
International Office: Information on studying abroad

Stay abroad? → Contact the international office: [www.wi.tum.de/international](http://www.wi.tum.de/international)
Support for our Outgoing Students

Ms. Loparco
Program Coordinator

Phone: 089 / 289 – 25036
Mail: outgoing@mgt.tum.de

Ms. Körner
Program Coordinator

Phone: 089 / 289 – 25847
Mail: outgoing@mgt.tum.de
Scholarship Options for Stays Abroad

- Study/work abroad grant (internships and self-organized stays)
- Erasmus+ Scholarships
- TUM without Borders
- PROMOS Study and competition-related travel
- PROMOS Seminar papers and final thesis
- Swiss-European Mobility Programme

Your contact person:

Angelika Weindel, Dipl.- Betriebsw. (FH)
Tel.: +49 (89) 289 - 25473
weindel@tum.de
### Options for Communication Skills

<table>
<thead>
<tr>
<th>Business Plan Seminars</th>
<th>Soft Skills Seminars*</th>
<th>Language courses (at least 3 ECTS)</th>
<th>Other courses/projects</th>
</tr>
</thead>
<tbody>
<tr>
<td>Examples:</td>
<td>Examples:</td>
<td>Examples:</td>
<td>Examples:</td>
</tr>
<tr>
<td>• Basic Seminar</td>
<td>• Presentation Techniques Courses</td>
<td>• Language Courses offered by TUM Language Center</td>
<td>• Intercultural Communication (offered by TUM SoM)</td>
</tr>
<tr>
<td>• Advanced Seminar</td>
<td>• Conflict Management</td>
<td>• Language Courses abroad</td>
<td>• Project Work in the Students’ Union Executive Committee (AStA)</td>
</tr>
</tbody>
</table>

*Please find a link to the offered Soft Skill Seminars here: [https://www.wi.tum.de/programs/bachelor-in-management-technology-six-specializations/course-schedules/](https://www.wi.tum.de/programs/bachelor-in-management-technology-six-specializations/course-schedules/)
## Details regarding International Experience & Communication Skills

### CREDIT TRANSFER
- Confirmation of course equivalence of international modules
- Credit transfer form [in English]
- Credit transfer form [in German]
- Form for academic recognition for courses at universities abroad after mobility
- Information Sheet: Communication Skills [English]

### INTERNATIONAL EXPERIENCE
- Recognition of TUM courses, attended before starting and during your Bachelor’s at TUM School of Management
- Recognition of courses, attended at a foreign University before starting your studies at TUM School of Management
- Recognition of courses, attended at a German University before starting and during your studies at TUM School of Management

### Links
Further Information & Guidance: Communication Skills

Ms. Lütkemeyer
Phone: 089 / 289 – 25086

Ms. Huang
Phone: 089 / 289 – 23884

Mail: grademanagement@mgt.tum.de

Ms. Rothenburger
Phone: 089 / 289 – 25033

Ms. Lange
Phone: 089 / 289 – 25073
Summary: Most important information

- **Study Progress Monitoring**: Don’t be too relaxed because of the corona deadline extension 😊 and orient yourself to the workload of 30 ECTS per semester!

- Please check your **exam certificate after every semester** in TUMonline!

- **Credit transfer possible until the end of your 2nd semester**! Please keep in mind that there are extensions due to the current corona situation. For more information, please visit: 

- **Register in time for all exams and resit-exams!**
Agenda

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- Most important legal regulations
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- Further information & guidance
- Specialization in technology
Further Information & Guidance

Ms. Geiger
Senior Program Manager – Bachelor Program

Phone: 089 / 289 – 25071
Mail: studentcounseling_bachelor@mgt.tum.de

Ms. Granström
Program Coordinator – Bachelor Program

Phone: 089 / 289 – 25848
Mail: studentcounseling_bachelor@mgt.tum.de

Katrin Eisenmenger
Student Assistant

Melissa Lembke
Student Assistant

Your buddy is also there for you in case of questions and issues!
Further Information & Guidance

For experiences and insights of your fellow students from higher semesters please have a look at https://tum-som.com/student-experience/

- TUM-SOM Student Experience
- 089/289-28221
- Room 3574
- fachschaft@tum-som.com
- https://tum-som.com/contact
General information (courses, exams, etc.)

English vs. German Track

Most important legal regulations

Credit Transfer, International Experience & Communications Skills

Further information & guidance

Specialization in technology
Specialization in technology

1. Goals: Basic knowledge in Engineering, Natural and Life Sciences
2. Extent: Minimum 42 ECTS
3. Start: 2nd semester
4. Place: Downtown: Electrical and Information Technology, Medicine Garching: Chemistry, Informatics, Mechanical Engineering Downtown & Garching: Computer Engineering
5. Fixing: By registration to the first exam
Specialization in technology

• You should opt for one of our specializations in technology in the 2nd semester.
• If you are not sure which specialization to choose, you can attend different courses from the specializations of your interest to have a look at the content and form your own opinion.

• **Attention:** By registering for a mandatory exam in one of the specializations in technology, you made a binding decision for that specialization. A later switch of specialization might be possible under certain circumstances. For more information, please contact: grademanagement@mgt.tum.de.

• **Important:** A special selection procedure is required for the specialization in Medicine. This selection procedure is based on Appendix 2 from the FPSO (20 May 2021).

• **Important:** Computer Engineering is the only specialization taught 100% in English. If you choose one of the other specializations, the courses will be taught mainly in German.
Specialization in technology

- You can find the overview of mandatory/elective modules of each specialization either in the program-specific academic and examination regulations or in your Curriculum Support in TUMonline (next slide)

Instruction: How to get to the Curriculum Support

You can get to your Curriculum Support by clicking on "Study Status / Curriculum" on your TUMonline start page.
Lectures and Exams in English

- If you want to make sure that 100% of the courses will be taught in English, you should opt for Computer Engineering.
- Other specializations in technology are mainly taught in German.
Specialization in technology

- Curriculum Support in TUMonline (e.g. Informatics)

**Curriculum / 17 256 Management and Technology (2021, Bachelor's program, current) Academic year 2021/22**

<table>
<thead>
<tr>
<th>Node filter-Name</th>
<th>rec. sem.</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>[20211] Bachelor’s Program in Management &amp; Technology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Basics</td>
<td>90</td>
<td>42</td>
</tr>
<tr>
<td>Specialization in Technology</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specialization in Technology: Chemistry</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Specialization in Technology: Informatics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Required Modules Informatics</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[IN0001] Introduction to Informatics</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>[IN0006] Introduction to Software Engineering</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>[IN0009] Basic Principles: Operating Systems and System Software</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>[IN0008] Fundamentals of Databases</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>[IN0002] Fundamentals of Programming (Exercises &amp; Laboratory)</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>[IN0024] Information Management for Digital Business Models</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>Elective Modules Informatics</td>
<td></td>
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<tr>
<td>[IN2397] Data Analysis and Visualization in R</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>[IN0004] Introduction to Computer Organization and Technology - Computer Architecture</td>
<td></td>
<td>8</td>
</tr>
<tr>
<td>[IN0003] Functional Programming and Verification</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>[IN0309] Informatics Bachelor Practical Courses for Management</td>
<td></td>
<td>10</td>
</tr>
<tr>
<td>[IN0302] Informatics Bachelor Seminar Courses for Management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>[IN2299] IT Security</td>
<td></td>
<td>7</td>
</tr>
<tr>
<td>[IN2113] Programming Languages</td>
<td></td>
<td>6</td>
</tr>
<tr>
<td>[IN4651] Seminar Informationsmanagement</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>[IN2196] Secure Mobile Systems</td>
<td></td>
<td>4</td>
</tr>
<tr>
<td>[IN2235] Software Engineering in an Industrial Setting</td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>Specialization in Technology: Electrical Engineering and Information Technology</td>
<td></td>
<td>42</td>
</tr>
</tbody>
</table>

Please note: Pflichtfächer = Mandatory modules, Wahlfächer = Elective modules
Thank you for your attention!

Now is your chance to get to know the technical specializations from fellow students' point of view and to receive detailed information on the application process for Medicine.

In the meantime, we will answer your general questions in Wonder.
Get in touch with the Student Council’s contact persons for each specialization

Learn more about the different specializations in technology from a student perspective and get in touch with the contact persons for each specialization:

https://tum-som.com/bachelor-management-technology/

✓ TUM-SOM Student Council
✓ 089/289-28221
✓ Room 3574
✓ fachschaft@tum-som.com
✓ https://tum-som.com/contact/
Bachelor in Management & Technology
Specialization in Medicine
Agenda

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# General Information

## Opportunities and Challenges - Things to keep in mind

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<th>Opportunities – what we offer you</th>
<th>Challenges – what you should bring along</th>
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<tr>
<td>Gaining insights into medicine from a theoretic and Hands-On perspective</td>
<td>A genuine interest in medicine and natural sciences</td>
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<tr>
<td>Get a first idea of how modern medicine works and how medical professionals do their work</td>
<td>Curiosity and the ability to assimilate new facts, figures and information quickly</td>
</tr>
<tr>
<td>Studying side-by-side with health science and medical students</td>
<td>Profound German language skills</td>
</tr>
<tr>
<td>A unique combination of medicine, natural sciences and business subjects combined</td>
<td>The motivation and perseverance to fill some gaps on your own</td>
</tr>
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This course has a strong orientation to sciences and medicine and is therefore not a classic healthcare management course.
1. General Information

Classic Medical Management and us – what is the difference?

- Chemistry, biology and computer sciences
  - This is not classic Healthcare Management!

- Anatomy and physiology
  - you will work with medical professionals on eye level…

- Interdisciplinary medical courses
  - … understand their needs and concerns…

- Epidemiology and terminology
  - …translate medical ideas into business ideas…

- Medical Internship and simulation
  - …be a valued partner for healthcare professionals!

- Science basics
- The human body and its basic principles
- Know diseases, therapies, causes
- Talk about studies and results
- Get a unique and practical insight

…understand their need and concerns…
1. General Information

Advantages:

• Really detailed immersion in medical topics along with real medical students
• Small and cohesive community
• Great balance with business topics
• Mix of subjects from LMU and TUM makes it very interdisciplinary
• Learning medical jargon
• You are trained to be an innovation pioneer
• Many aspects of sports medicine
• very practical
## 1. General Information

### Structure:

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<td>4. Semester</td>
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<td>Medizinische Vertiefung</td>
<td>Medizin und Praxis</td>
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</table>
1. General Information

Student Association – Contact Person

Ms. Antonia Rauch: antonia.rauch@tum-som.com
1. General Information

Where will you study the specialization in medicine?

➢ Three departments involved:
  • TUM School of Medicine, University Hospital “Rechts der Isar” and LMU pre-clinical schools
  • TUM Department of Sport and Health Sciences
  • TUM School of Life Sciences

➢ Locations:
  • TUM Central Campus at Arcis-, Luisen- and Karlstraße
  • University Hospital at Max-Weber-Platz
  • Munich (pre-)clinical schools in Munich city center
1. General Information

Who can study the specialization in medicine?

- Students who commenced their studies in winter semester 2019/20 and later
- Students to whom the engrossed version of the Program-Specific Academic and Examination Regulations (FPSO), effective on 9 October 2019, applies
- Specialization in medicine has restricted admission due to limited training capacity
  - Only 48 places are available for students enrolled in the B.Sc. Management & Technology program

1. General Information

Where can you apply for the specialization in medicine?

- TUMonline → Courses (Lehrveranstaltung)
  → Course Title: “Bewerbung für das ingenier-, natur- oder lebenswissenschaftliche Fach Medizin”

When can you apply for the specialization in medicine?

- Application period: January 21\textsuperscript{st} – May 1\textsuperscript{st} 2022
2. Application Requirements

What requirements must be met to apply?

• Application within the indicated application period → No late applications accepted after the application deadline!

• Successful completion/pass of the following required modules of the 1st semester:
  • WI001058: “Foundations of Entrepreneurial and Ethical Business”
  • WI000257_E: “Management Science”
  • WI001059: “Buchführung und Rechnungswesen” / “Financial Accounting”
  • WI000021: “Volkswirtschaftslehre I – Mikroökonomie” / “Economics I – Microeconomics”
2. Application Requirements

CAVE!

1. You must **register** for the aforementioned exams as compulsory subjects and NOT as optional subjects!


→ Grades of repeat examinations cannot be considered in the selection process!

→ **You must sit the 1st examination!**
3. Application

The application is made through TUMonline → Courses (Lehrveranstaltungen):

https://campus.tum.de/tumonline/ee/ui/ca2/app/desktop/#/login

Neu bei uns? Herzlich willkommen bei TUMonline!

Sie können sich mit Ihrer TUM-Kennung (z.B. "go42tum") oder E-Mail Adresse und zugehörigem Kennwort einloggen, oder ohne Anmeldung fortfahren.
3. Application

Application through TUMonline „Courses (Lehrveranstaltung)“

Choose „Courses (Lehrveranstaltungen)“ within the menu.
3. Application

Application through TUMonline „Courses (Lehrveranstaltung)“

1. Filter courses by entering the full name of the course or simply the word “Bewerbung”. Then click on the blue arrow button.

2. Then click on the blue arrow button.
3. Application

Application via TUMonline Course registration
(Lehrveranstaltung)

Click on „LV Anmeldung“
(„Course Registration“)
3. Application

Tick the box „Standardgruppe“
3. Application

Application via TUMonline Courses (Lehrveranstaltung)

Click on „Belegwunsch erfassen“ („Enter place request“)
3. Application

Application via TUMonline Courses (Lehrveranstaltung)

Bitte überprüfen Sie Ihren Belegwunsch vor dem endgültigen Erfassen.

Name: Test Testperson 212
Gewähltes Studium: 1630 17 256 Techn.-u. Managem.BWL
Anmeldeverfahren: Bewerbung für INF Medizin
LV-Gruppen: Standardgruppe

Click again on „Belegwunsch erfassen“ („Enter place request“)
3. Application

Application via TUMonline Courses (Lehrveranstaltung)

Ergebnis der Anmeldung

Anmeldung erfolgreich durchgeführt
Name: Test Testperson 212
Gewähltes Studium: 1630 17 256 Techn - u Management BWL
Anmeldeverfahren: Bewerbung für INF Medizin
LV-Gruppen: Standardgruppe

Click on „Meine Lehrveranstaltungen“ („My courses“)
3. Application

Application via TUMonline Courses (Lehrveranstaltung)

Bewerbung für das ingenier-, natur- oder lebenswissenschaftliche Fach Medizin - Standardgruppe
VO | 1 SWS

Anmeldeverfahren: Bewerbung für INF Medizin
Teilbeurteilungen:
Studium: 1630 17 256 Techn.-u.Managem.BWL

Anmeldung bearbeitbar bis 18.04.2021
Abmeldung bis 18.04.2021
4. Selection Process

Appendix 2 to the FSPO (9 October 2019):

1. Only applicants who meet the application deadline will be considered. → Applications received after the deadline will NOT be accepted!

2. Places in the program will be allocated according to academic progress in the 1\textsuperscript{st} semester. → Higher semesters and lateral entry students will be considered secondarily.
4. Selection Process

4.1 First Round:

Places will be allocated to those students who have passed the following five required modules of the 1st semester:

- WI001058: “Foundations of Entrepreneurial and Ethical Business”
- WI000257_E: “Management Science”
- WI000021: “Volkswirtschaftslehre I – Mikroökonomie” / “Economics I – Microeconomics”
4. Selection Procedure

4.1 First Round:

• Where more than 48 applicants fulfill the admissions requirements, applicants will be ranked according to their grade point average in these 5 required modules.

• The average is calculated to the second position after the decimal point.

• Where students have equal grade point averages, places will be drawn by lot.
4. Selection Process

4.2 Second Round:

If there are still places available after the first round, more applicants can be admitted as follows:

a) Places will be allocated to those students who have passed four of the specified required modules of the 1st semester. Where more applicants meet the requirements than the number of available places, applicants will be ranked by their grade point average.

→ The average is calculated to the second position after the decimal point. Where students have equal grade point averages, places will be drawn by lot.
4. Selection Process

4.2 Second Round:

b) Places will be allocated to those students who have passed three of the specified required modules of the 1st semester. Where more applicants meet the requirements than the number of available places, applicants will be ranked by their grade point average.

→ The average is calculated to the second position after the decimal point. Where students have equal grade point averages, places will be drawn by lot.
4. Selection Process

4.2 Second Round:

c) Places will be allocated to those students who have passed two of the specified required modules of the 1st semester. Where more applicants meet the requirements than the number of available places, applicants will be ranked by their grade point average.

→ The average is calculated to the second position after the decimal point. Where students have equal grade point averages, places will be drawn by lot.
4. Selection Process

4.2 Second Round:

d) Places will be allocated to those students who have passed one of the specified required modules of the 1st semester. Where more applicants meet the requirements than the number of available places, applicants will be ranked by their grade point average.

→ The average is calculated to the second position after the decimal point. Where students have equal grade point averages, places will be drawn by lot.
4. Selection Process

4.3 Third Round:

If there are still places available after the second round, these will be filled with lateral entry students and those in higher semesters.

→ Process as in first and second rounds. Where students have equal grade point averages, places will be drawn by lot.
5. Admission / Rejection

- **Results** of the selection process will be **announced via email** by May 4\textsuperscript{th} 2022.

- In case of acceptance, students must **accept or decline** the offer of admission via email **by May 6\textsuperscript{th} 2022**.

- If written **confirmation** via email is **not received by the deadline**, the **place** will be **given to next person** on the waiting list.

- After accepting their place via email, admitted students will receive further information concerning courses and the curriculum via e-mail.
6. Further Information

• Specialization in Medicine is taught in German only!
  ➔ A good command of the **German language** (at least level B1) is **mandatory**!

• 5\textsuperscript{th} Semester: Overlap of two courses
  • Evasion to 3\textsuperscript{rd} semester not possible due to another overlap of subjects
6. Further Information

Official contact person for questions on the specialization in Medicine:

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