

Information event for students in the first semester of the Bachelor in Management and Technology

TUM School of Management

Andreas Bauerfeld

January 14, 2025

Agenda



Student Counseling Team



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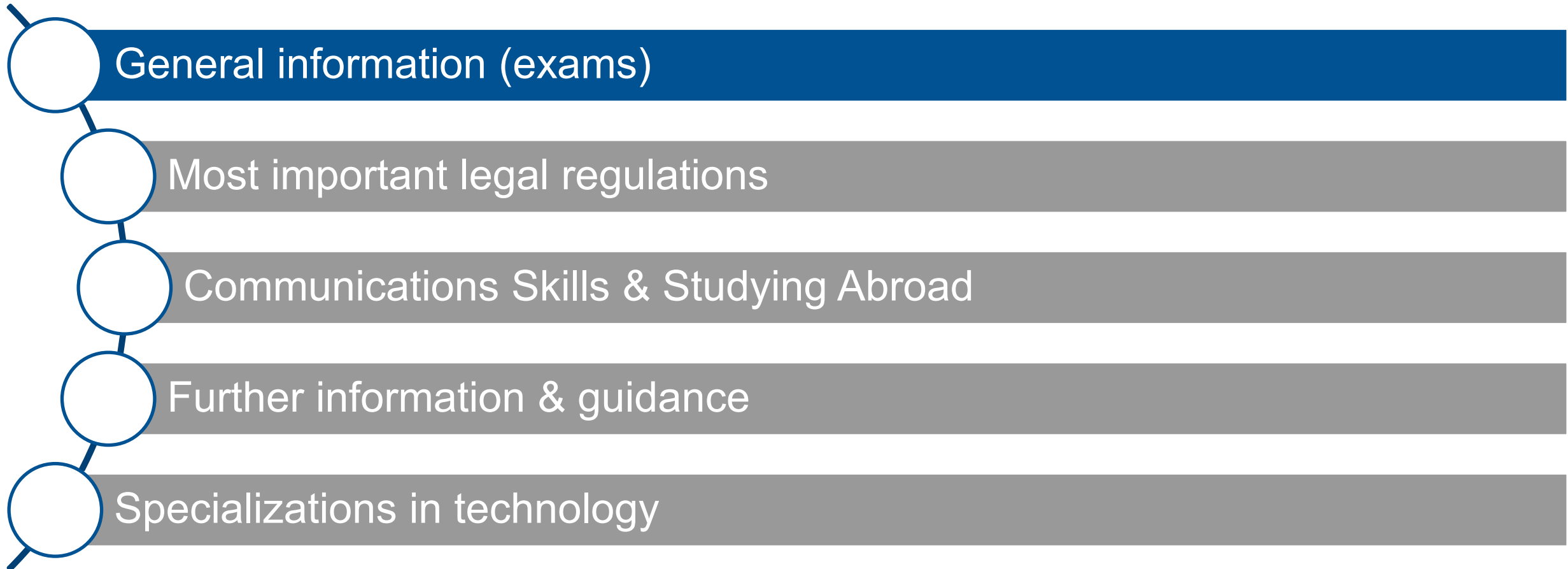
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studentcounseling_bachelor@mgt.tum.de

[Details to our consultation hours: here](#)

Agenda



It's getting serious - exams are coming!

Register for your
exams until
January 15, 2025!



<https://pixabay.com/de/photos/laptop-frau-bildung-lernen-jung-3087585/>

Exam Preparation Session by the Student Council of TUM School of Management:

January 29, at 6 pm, Audimax

Confirmed: Webinars on how to develop the right strategy for your exam preparation:

Vortrag auf Deutsch: online (zoom)

Termin: Dienstag 14.01.2025; **Uhrzeit:** 17:00 - 18:30 Uhr

Anmeldung: [Lern- und Prüfungscoaching](#)

Lecture in English: online (zoom)

Date: Wednesday 15.01.2025; **Time:** 5:00 - 6:30 p.m.

Registration: [Academic Coaching](#)

Exams – information at a glance

General information

- A module is usually completed with a **module exam**.
- In addition to the exam, **other assessments (papers, midterms, etc.)** may be required during a course.
- Required modules and required elective modules **MUST be passed**.
- **Exception:** Elective modules can be replaced with another elective module.
- Additional subjects (not included in the TUMonline curriculum) **do not count** towards the degree and the study process monitoring.
- Please bring your **student ID and identity card (Personalausweis)** to all of your exams.
- Students on **leave of absence** are not allowed to take exams for the first time (only retake exams).
- Chairs usually offer **post-exam reviews**.
- **Contact for issues with your exam registration:** examregistration@mgt.tum.de.

I don't feel well enough to take an exam – what should I do?

- In case of illness please do NOT participate in the despite **provide a medical certificate!**
- The medical certificate must specify the period — start and end date — of the illness-related withdrawal and **state the reasons for withdrawal**. Further information: <https://www.tum.de/en/studies/during-your-studies/organizing-your-studies/examinations/withdrawing-from-examinations-medical-certificates>.
- If you feel sick **during the exam**, please **notify the examiner immediately (and see a doctor)!**
- Please be aware that if you decide to take an upcoming exam despite your bad health condition, this is a **conscious risk decision** (“**Bewusste Risikoübernahme**”) on your part and you will have to accept the result of the exam. In such a case, you will not be able to submit a medical certificate at a later date.



https://de.freepik.com/fotos-kostenlos/kranker-mann-in-warmer-kleidung-mit-thermometer-haelt-zitrone-waermflasche_11264425.htm#fromView=author&page=1&position=2&uuid=ee10eb3b-fe37-4d7f-850f-17b13c17987d&new_detail=true

Send your medical certificate to the Grade Management Office



Janine Rothenburger

+49 (0)89 289 25033



Inna Kravchenko

+49 (0)89 289 23449



Mika Schulz

+49 (0)89 289 23449



grademanagement@mgt.tum.de

What happens if I fail an exam?

General information

- If you fail an exam in a required module, you have to retake the exam.
- If you don't attend an exam, it will be marked as "X- 5,0 failed" in TUMonline, but will not appear in your transcripts.
- There will be at least one opportunity to retake a module exam.

Retake procedure

- The retake exam will be held either before the beginning or at the end of the next semester's lecture period.
- **Attention:** You must register for the retake exam, too!

Important to know

- Improving your grade (once you passed) by retaking the exam is not possible.
- **There is no limit to the number of retake exams!** However, the student's study progress must be maintained.
- **Exception:** Bachelor's Thesis and any attempt at cheating (incl. plagiarism) → only one retake will be allowed.

In serious cases or repeated attempts to cheat, a student may immediately be dismissed from the study program.

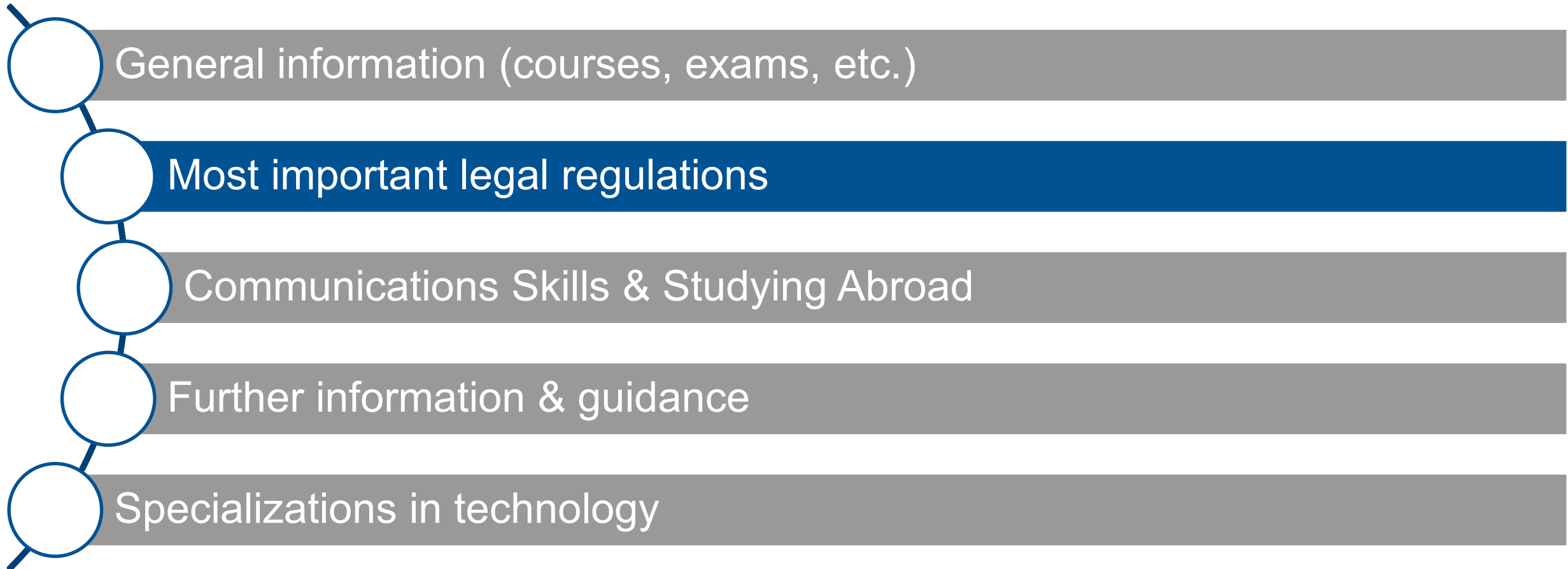
Summary: most important information

- **Register in time for all exams and retake exams!**
- Contact for issues with your exam registration:
examregistration@mgt.tum.de
- Contact in case of illness: grademanagement@mgt.tum.de
- Recommendation: Please check your **exam certificate / transcript after every semester** in TUMonline!



<https://unsplash.com/photos/bwOAixLG0uc>

Agenda



Must Know – the rules are the rules!

Most important regulations

- General Academic and Examination Regulations (**APSO**) – TUM wide general procedural regulations
- Program-Specific Academic and Examination Regulations (**FPSO**) – specific regulations for your Bachelor program
- Enrollment, Re-enrollment, Leave of Absence and Withdrawal Regulations – TUM wide procedural regulations
- Only the **German versions are legally binding!**
- Link to **all legal foundations** at TUM:
<https://www.tum.de/studium/im-studium/das-studium-organisieren/satzungen-ordnungen>

Good to know: 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

Must Know – the rules are the rules!

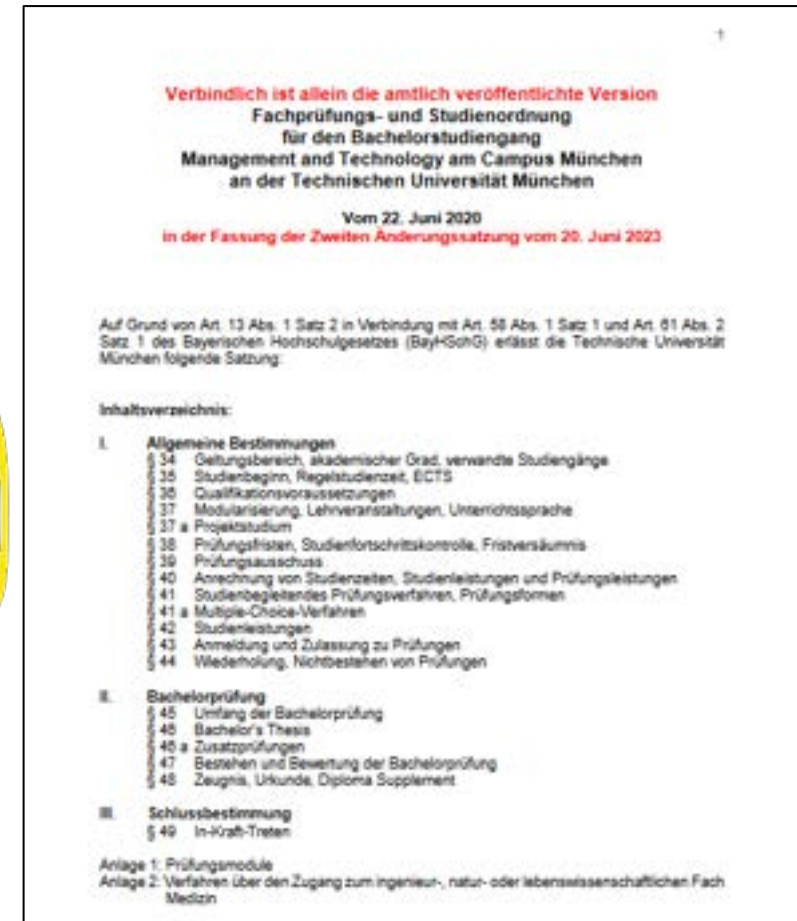
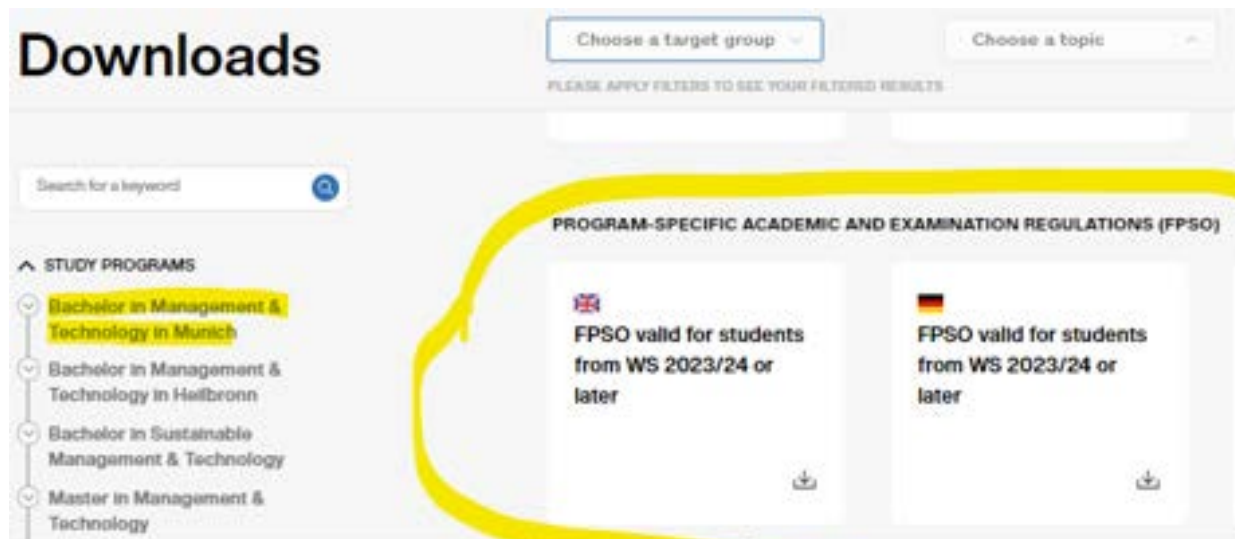
Study Progress

- In order to complete the degree program within the regular study period, students should take 30 credits per semester.
- It is not recommended to take less than 22 credits per semester.
- Student's progress will be monitored once a semester (Study Progress Monitoring).
- **For your Study Progress, there are Program specific AND TUM-wide hurdles!**

Please contact your Program Manager if you need advice on how to meet these requirements.

Program-Specific Academic and Examination Regulations (FPSO)

<https://www.mgt.tum.de/download-center/>



Program-Specific Academic and Examination Regulations (BMT Program)

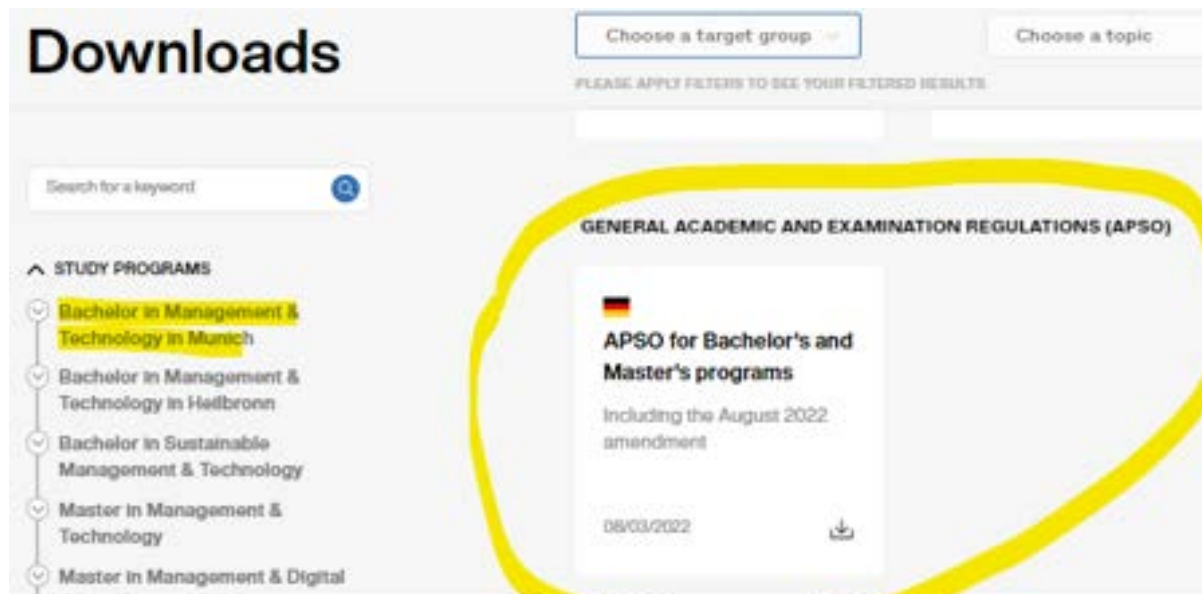
By the **end** of the **second semester**, students must have passed at least **three of the four** following **exams**: **Mathematics I**, **Operations Research and Decision Analysis**, **Introduction to Data Science and Statistical Thinking**, **Economics I**.

	Winter Semester	Summer Semester	
	<ul style="list-style-type: none"> • Mathematics I (regular & retake exam) • Operations Research and Decision Analysis (regular exam) • Economics I (regular exam) 	<ul style="list-style-type: none"> • Introduction to Data Science and Statistical Thinking (regular & retake exam) • Operations Research and Decision Analysis (retake exam) • Economics I (retake exam) 	

REMINDER: Credit recognition from previous studies only **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** ("Hochstufung").

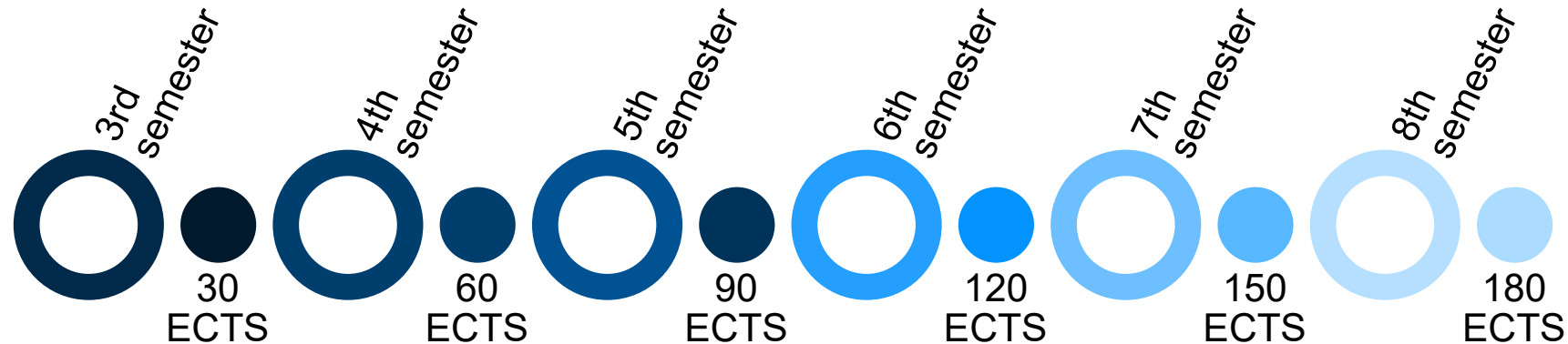
General Academic and Examination Regulations (APSO)

<https://www.mgt.tum.de/download-center>



General Academic and Examination Regulations at TUM (APSO)

If students do not earn the required number of credits by the end of the semester, they will be considered to have failed the modules and will be **officially withdrawn** from the University.



Summary: most important information

- **Study Progress Monitoring:** 30 ECTS per semester are a good orientation!
- **End of the second semester:** You must have passed **3 of 4** of the following modules: Mathematics I, Operations Research and Decision Analysis, Economics I and Introduction to Data Science and Statistical Thinking (**program-specific hurdle**, see FPSO)
- From the 3rd semester onwards, students must have earned a certain number of credits by the end of each semester in question (**TUM-wide hurdle**, see APSO).



<https://unsplash.com/photos/bwOAixLG0uc>

Agenda



Module „Communication Skills”

Mandatory part of the
program to graduate

Communication
Skills

Many different options to
choose from

3 Credits

Options for „Communication Skills“

*Please find a link to the offered soft skill seminars under „Communication Skills“ here:
<https://www.mgt.tum.de/download-center>

Business plan seminars

Examples:

- Basic seminar
- Advanced seminar

Soft skill seminars*

Examples:

- Presentation techniques courses
- Conflict management
- Conduct of negotiation course

Language courses (at least 3 ECTS)

Examples:

- [Language courses offered by TUM Language center](#)
(courses during the semester or intensive courses during the semester break)
- Language courses abroad

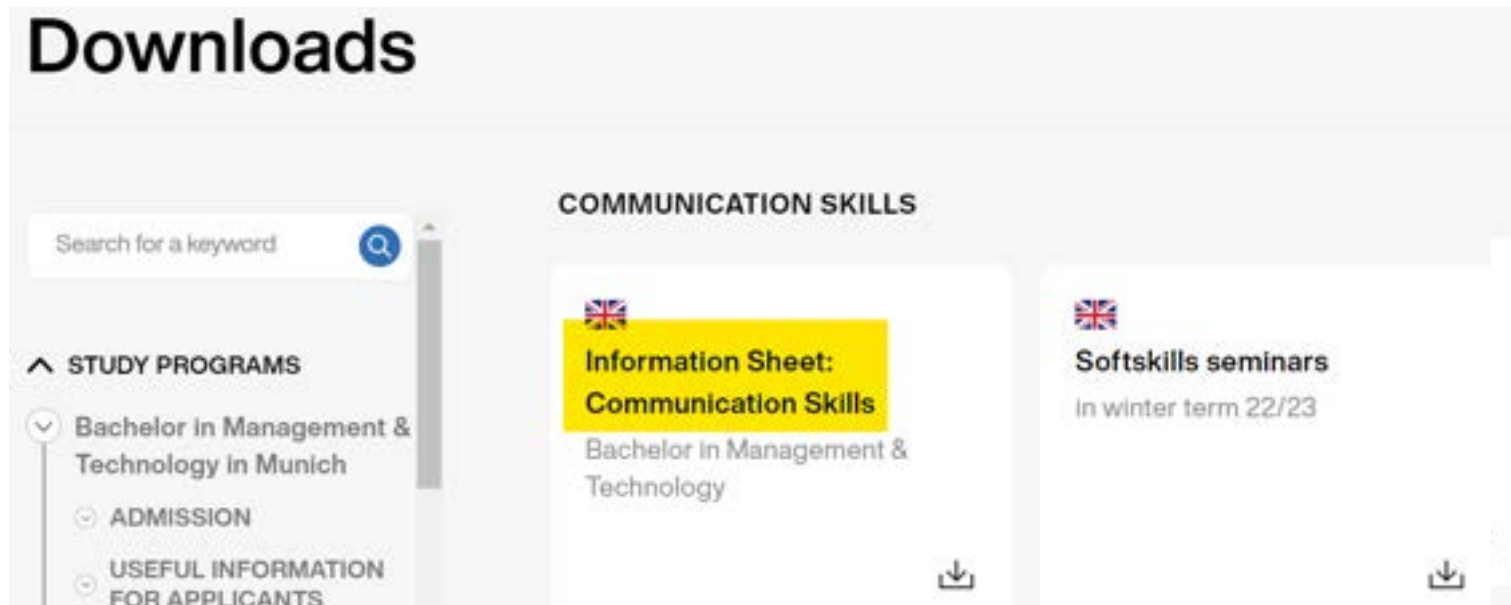
Other courses/projects

Examples:

- Intercultural communication (offered by TUM MGT)
- Project work in the Students' Union Executive Committee (AStA)

Details regarding Communication Skills

<https://www.mgt.tum.de/download-center>



International Office: Information on Studying Abroad



Interested in studying abroad? → Contact the international office <https://www.mgt.tum.de/programs/international-exchange-programs/overview>

TUM School of Management – International Office



Ute HELFERS
Team Lead International Office
Contact for Partner Universities



SCAN
to find more information on our exchange
programs on our website

TUM SOMex



Anke DAUTEL
Program Coordinator –
Student Exchange Programs:
Outgoings ERASMUS (FI, IS, NO, SE),
IO Contact Person in Heilbronn



Ute HELFERS / Selina SCHWARZ
Program Coordinator –
Student Exchange Programs:
Outgoings ERASMUS: (except FI, IS, NO, SE),
Freemovers in ERASMUS countries,
Internships, short term programs



Karin Michaela BURKART
Program Coordinator –
Student Exchange Programs:
non-ERASMUS: Outgoings
Freemovers in non-ERASMUS countries

Incoming



Zuzana ZECHOVSKA
Program Coordinator –
Student Exchange Programs:
Incomings,
Buddy Program

Joint International Programs



Karin Michaela BURKART
Program Coordinator –
Student Exchange Programs:
Joint International Programs (EEP, STEP)



Josephina BUHR
Program Coordinator –
Student Exchange Programs:
Joint International Programs
(QTEM, DTU 1:1, DD HEC)

Summary: most important information

- **Mandatory module:** „Communication Skills“, 3 ECTS credits
- **Optional:** Semester abroad (recommended for 5th semester)



<https://unsplash.com/photos/bwOAixLG0uc>

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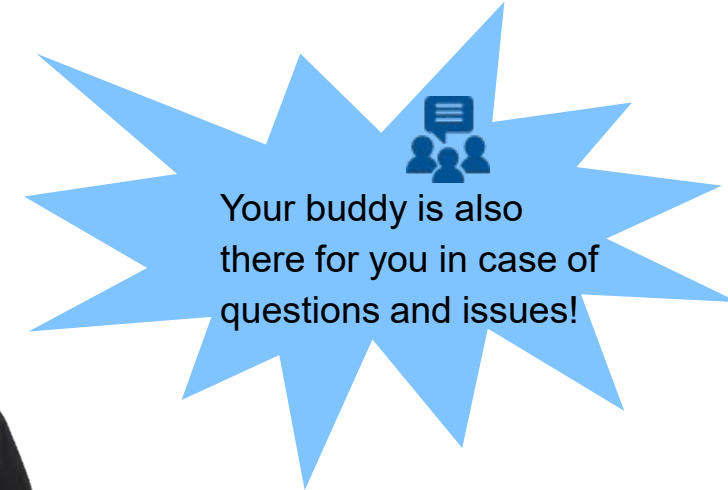
Ildikó Merza
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Phone:
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Yulia Movsesova
Program Coordinator
Bachelor Program

Phone:
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[Details to our consultation hours: here](#)



Student Hub for our students

**INTRODUCING THE NEW
TUM SCHOOL OF MANAGEMENT
STUDENT HUB** YOUR HELP CENTER
FOR STUDY QUESTIONS

3rd floor
Room 3550

Our Student Hub is your on-site point of contact for all your inquiries.

**GET INFORMATION ABOUT
STUDY PROGRAMS**

**GET HELP WITH
YOUR APPLICATION**

**GET CONSULTATION FOR
EXCHANGE PROGRAMS**



**OPENING
HOURS**

MON – THU:
09:00 – 12:00
13:00 – 16:00

FRI:
09:00 – 12:00

Student council (Fachschaft)

For experience and insights of your fellow students from higher semesters please also take a look at

<https://tum-som.com/student-experience/>










VOLUNTEERING
FELLOW STUDENTS

GENERAL INFORMATION, TIPS AND
TRICKS

- INFORMATIONAL AND FUN EVENTS
- STUDENT TO STUDENT COUNSELING
- REPRESENTATION OF STUDENT OPINION

[https://tum-som.com/
@sctumsom](https://tum-som.com/@sctumsom)

	Simply come to our Student Council meetings
	Pass by our office – Room 3574
	Visit our website and subscribe to our newsletter @tum-som.com
	Write us an e-mail – fachschaft@tum-som.com
	Give us your like on Facebook – Student Council of TUM School of Management
	Follow us on Instagram – @sctumsom
	Follow us on LinkedIn – Student Council TUM School of Management

JOIN THE CLUB NOW!

BUILD YOUR NETWORK

- Summer Party
- Golf Tournaments
- Alumni Wiesn
- Graduation Dinner

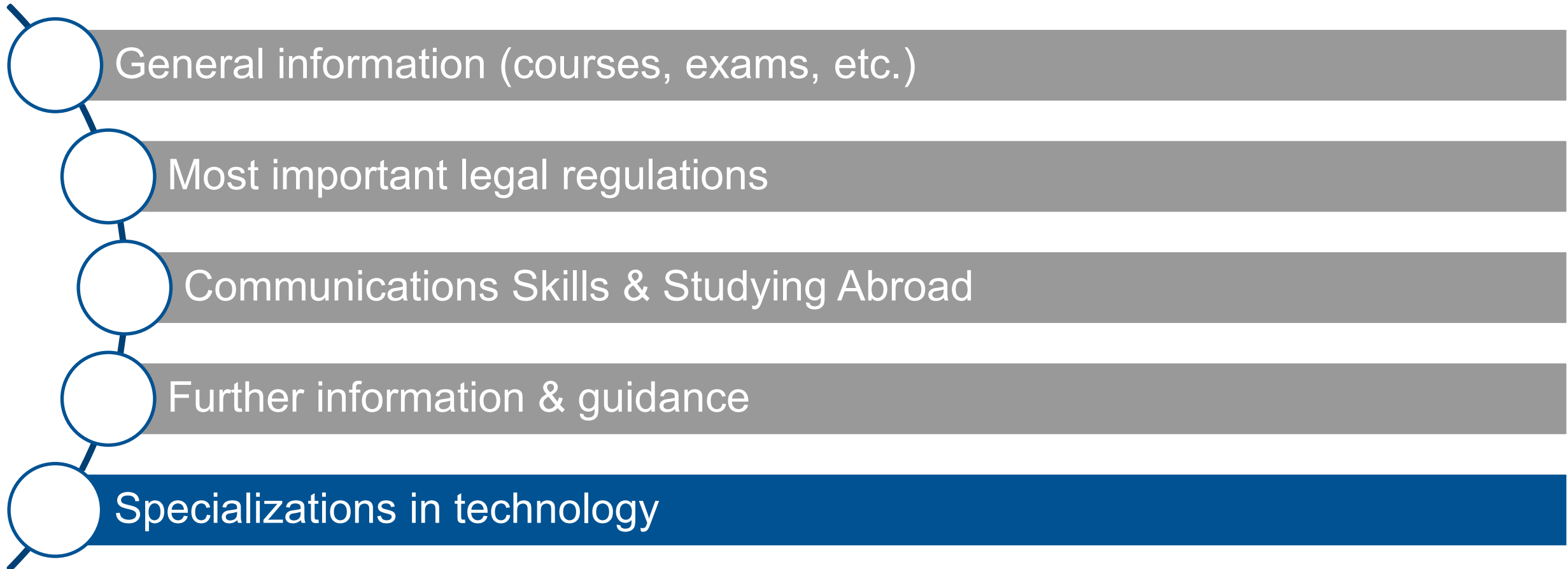


FREE MEMBERSHIP

& KICKSTART YOUR CAREER

- Job Board
- meet@TUM Career Fair
- Career Building Workshops & Events
- Talent Pool

Agenda

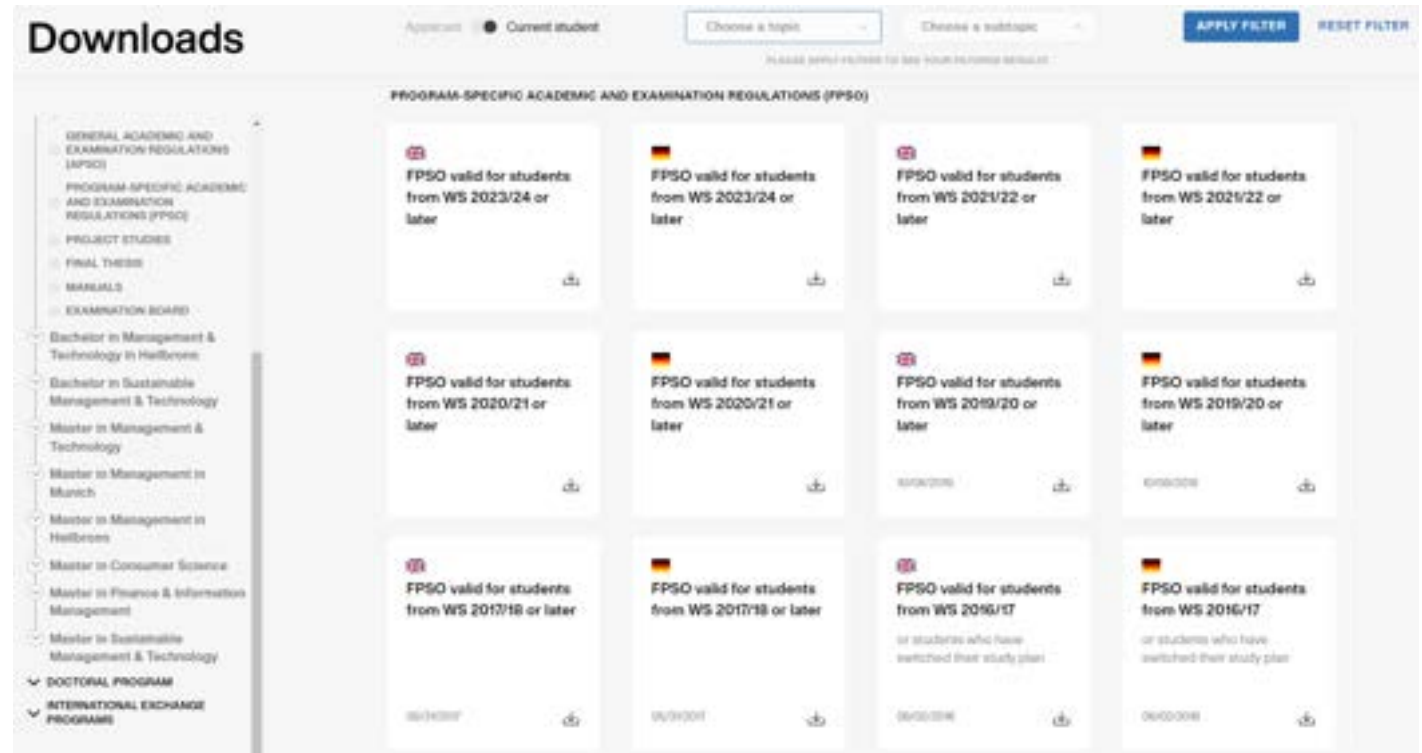


Specialization in technology: quick facts

- | | | | |
|---|----------|----|--|
| 1 | Goal | »» | Basic knowledge in engineering, natural and life sciences |
| 2 | Workload | »» | Minimum 42 ECTS |
| 3 | Start | »» | 2 nd semester |
| 4 | Place | »» | Downtown Munich: Electrical and Information Technology, Medicine
Garching: Chemistry, Informatics, Mechanical Engineering
Downtown Munich & Garching: Computer Engineering |
| 5 | Fixing | »» | By registration to the first exam |

Specialization in technology: modules

- You can find the overview of mandatory/elective modules of each specialization either in the **program-specific academic and examination regulations (FPSO)** or in your Curriculum Support in TUMonline (next slide)
- <https://www.mgt.tum.de/download-center>



The screenshot displays the 'Downloads' section of the TUM website, specifically for 'Current student'. The page is titled 'Downloads' and includes a sidebar with a list of categories: GENERAL ACADEMIC AND EXAMINATION REGULATIONS (FPSO), PROGRAM-SPECIFIC ACADEMIC AND EXAMINATION REGULATIONS (FPSO), PROJECT STUDIES, FINAL THESIS, MANUALS, and EXAMINATION BOARD. The main content area is titled 'PROGRAM-SPECIFIC ACADEMIC AND EXAMINATION REGULATIONS (FPSO)' and shows a grid of 12 download links for FPSO regulations for various programs and semesters. The links are organized into three rows and four columns. Each link includes a download icon and a date range. The first row shows links for students from WS 2023/24 or later. The second row shows links for students from WS 2020/21 or later. The third row shows links for students from WS 2017/18 or later, or students who have switched their study plan. The links are for the following programs: Bachelor in Management & Technology in Hallertau, Bachelor in Sustainable Management & Technology, Master in Management & Technology, Master in Management in Munich, Master in Management in Hallertau, Master in Consumer Science, Master in Finance & Information Management, and Master in Sustainable Management & Technology. The links are for the following semesters: WS 2023/24 or later, WS 2021/22 or later, WS 2020/21 or later, WS 2019/20 or later, WS 2017/18 or later, WS 2016/17, and WS 2015/16.

Lectures and Exams in English only

Curriculum / 17 274 Management and Technology (20231, Bachelor's program, current)
Academic year 2023/24

Curriculum Semester plan

Display ▾ Node filter (All) ▾ Academic year (2023/24) ▾

Node filter-Name

- ▢ [20231] Management and Technology
 - ▢ Basics
 - ▢ Specialization in Technology
 - ▢ Specialization in Technology: Chemistry
 - ▢ Specialization in Technology: Informatics
 - ▢ Specialization in Technology: Electrical Engineering and Information Technology
 - ▢ Specialization in Technology: Mechanical Engineering
 - ▢ Specialization in Technology: Computer Engineering
 - ▢ Specialization in Technology: Medical Science

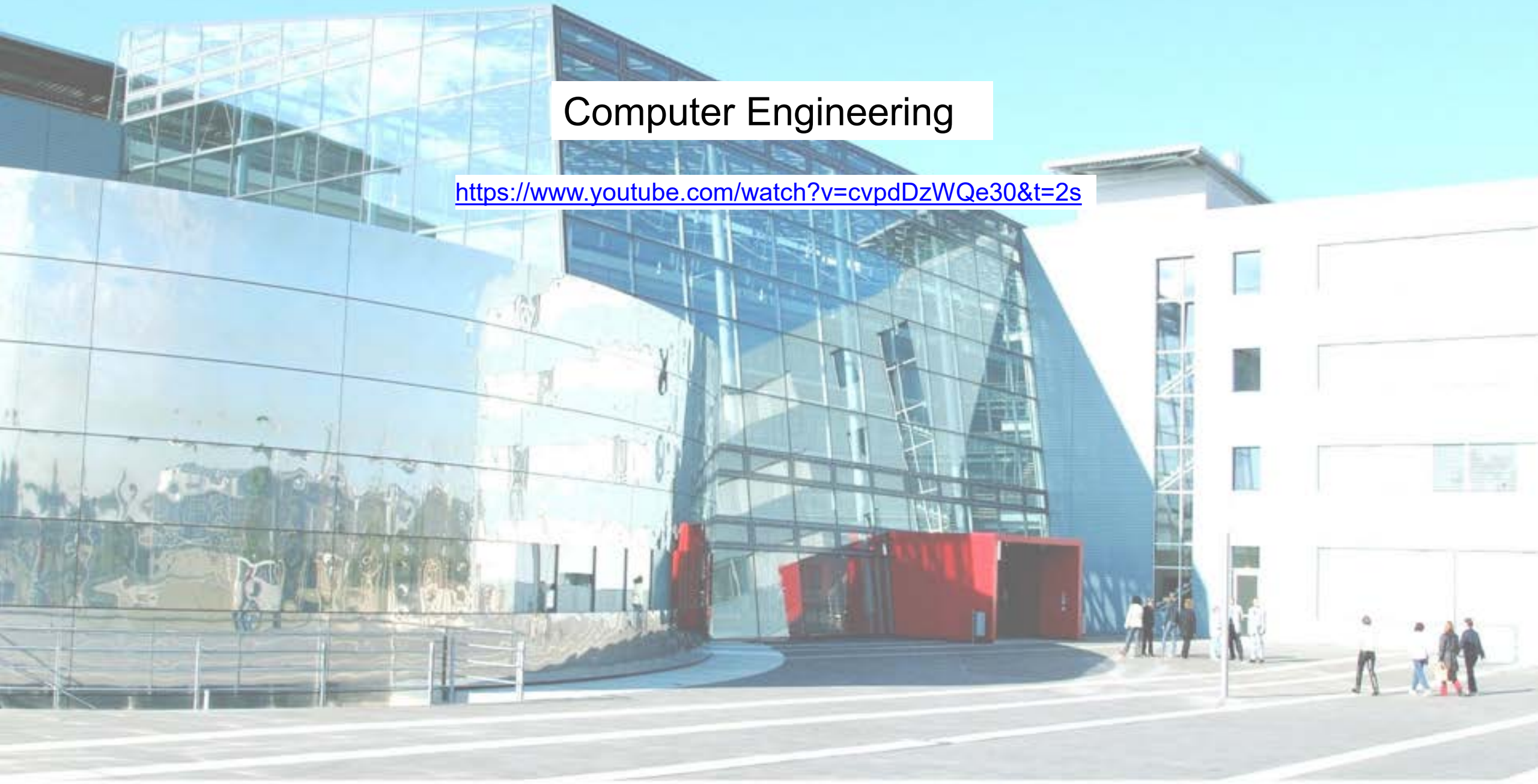
- If you want to make sure that **100%** of the courses will be taught in **English**, you should opt for **Computer Engineering**.
- Other specializations in technology are mainly taught in **German**.

Specialization in technology: Overview

1. Computer Engineering (100% English)
2. Informatics
3. Electrical Engineering & Information Technology
4. Mechanical Engineering
5. Chemistry
6. Medicine

Computer Engineering

<https://www.youtube.com/watch?v=cvpdDzWQe30&t=2s>



Specialization in Technology - Computer Engineering (42 ECTS credits)

Specialization in Technology: Computer Engineering	Yes	42
Required Modules Computer Engineering	Yes	12
[VK] [CIT5230000] Introduction to Programming	Yes	12
Elective Modules Computer Engineering	Yes	30
[VK] [CIT3230000] Advanced Concepts of Programming Languages	Yes	7
[VK] [SOT10046] Human-AI Interaction	Yes	6
[VK] [EI10003] Analog Electronics	Yes	5
[VK] [CIT3230002] Cloud Information Systems	Yes	6
[VK] [EI5183] Control Theory	Yes	4
[VK] [IN2060] Real-Time Systems	Yes	6
[VK] [IN8005] Introduction into Computer Science (for non informatics studies)	Yes	5
[VK] [IN0006] Introduction to Software Engineering	Yes	6
[VK] [IN0003] Functional Programming and Verification	Yes	6
[VK] [IN8029] Informatics Bachelor Practical Courses for Management	Yes	10
[VK] [IN8024] Information Management for Digital Business Models	Yes	6
[VK] [CIT3330001] Introduction to Emerging Computing Technologies	Yes	5
[VK] [MA9714] Mathematics in Natural and Economic Science 2	Yes	6
[VK] [MW2086] Modeling of Uncertainty and Data in Engineering Sciences	Yes	5
[VK] [EI10002] Principles in Electrotechnology	Yes	6
[VK] [EI10001] Principles of Information Engineering	Yes	6
[VK] [EI04024] Python for Engineering Data Analysis - From Machine Learning to Visualization	Yes	5

Required module:
12 ECTS

Elective modules:
min. 30 ECTS

Computer Engineering – Important Information

- Can be studied 100% in **English**.
- The department of Informatics (part of TUM School of Computation, Information and Technology) is located in Garching, informatics modules take place there. Modules from the area of Electrical Engineering and Information Technology usually take place on the main campus in Munich.
- It is expected and recommended to combine modules from both areas (informatics AND electrical engineering) to match the qualification profile of this specialization.

Informatics

<https://www.youtube.com/watch?v=sJlwgFZIVKE>



Specialization in Technology – Informatics (42 ECTS credits)

[-] Specialization in Technology: Informatics	Yes	42	Required modules: 36 ECTS
[-] Required Modules Informatics	Yes		
[+] [VK] [IN8024] Information Management for Digital Business Models	Yes	6	
[+] [VK] [IN0006] Introduction to Software Engineering	Yes	6	
[+] [VK] [IN0009] Basic Principles: Operating Systems and System Software	Yes	6	
[+] [VK] [IN0008] Fundamentals of Databases	Yes	6	
[+] [VK] [CIT5230000] Introduction to Programming	Yes	12	Elective modules: min. 6 ECTS
[-] Elective Modules Informatics	Yes		
[+] [VK] [CIT3230000] Advanced Concepts of Programming Languages	Yes	7	
[+] [VK] [ED160045] Applied Digitization in Python	Yes	3	
[+] [VK] [IN0004] Introduction to Computer Organization and Technology - Computer Architecture	Yes	8	
[+] [VK] [IN0003] Functional Programming and Verification	Yes	6	
[+] [VK] [IN8029] Informatics Bachelor Practical Courses for Management	Yes	10	
[+] [VK] [IN8032] Informatics Bachelor Seminar Courses for Management	Yes	6	
[+] [VK] [IN0042] IT Security	Yes	6	
[+] [VK] [MA9714] Mathematics in Natural and Economic Science 2	Yes	6	
[+] [VK] [IN2235] Software Engineering in an Industrial Setting	Yes	3	

Informatics – Important Information

- Some modules are available in English, however this specialization is mainly taught in **German**
- **Keep in mind:** There is a separate registration period via specific matching tool for some practical courses and seminars, which is usually quite early before the start of the next semester.
- The department of Informatics (part of TUM School of Computation, Information and Technology) is located in Garching campus, modules take place there.

Electrical Engineering and Information Technology

<https://www.youtube.com/watch?v=ggpLvX1INvI>



Specialization in Technology - Electrical Engineering and Information Technology (42 ECTS credits)

Specialization in Technology: Electrical Engineering and Information Technology	Yes	42
Required Modules Electrical Engineering and Information Technology	Yes	
[VK] [MA9714] Mathematics in Natural and Economic Science 2	Yes	6
[VK] [EI29821] Principles of Information Engineering	Yes	5
[VK] [EI10002] Principles in Electrotechnology	Yes	6
[VK] [EI1289] Electrical Engineering	Yes	5
[VK] [EI10003] Analog Electronics	Yes	5
[VK] [EI2986] Telecommunication I - Signal Representation	Yes	5
[VK] [IN8005] Introduction into Computer Science (for non informatics studies)	Yes	5
Elective Modules Electrical Engineering and Information Technology	Yes	
[VK] [EI0602] Audio Communication	Yes	5
[VK] [EI2294] Computer Technology for Non-Engineers	Yes	6
[VK] [EI00120] Digital Design	Yes	5
[VK] [EI1286] Devices and Installations in Electrical Power Systems	Yes	5
[VK] [EI4802] Basics of High-Frequency Engineering	Yes	5
[VK] [EI04002] Introduction to IT-Security	Yes	5
[VK] [EI05551] Internet Communication	Yes	6
[VK] [EI0625] Communication Networks	Yes	5
[VK] [EI2988] Telecommunication II	Yes	5
[VK] [EI0636] Nanoelectronics	Yes	5
[VK] [EI0644] Photovoltaic Stand Alone Systems	Yes	5
[VK] [EI3199] Laboratory Analog Electronics for TUM-BWL	Yes	5
[VK] [EI04024] Python for Engineering Data Analysis - From Machine Learning to Visualization	Yes	5

Required modules:
37 ECTS

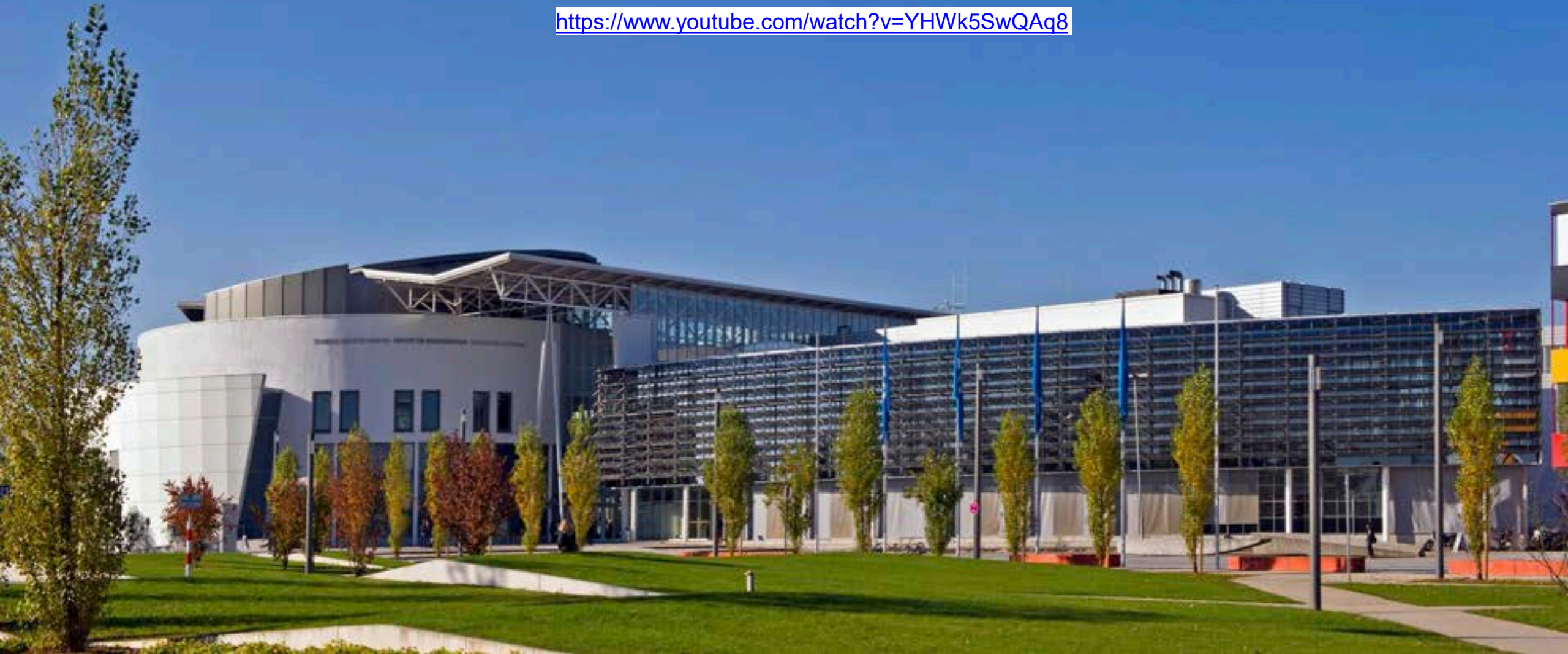
Elective modules:
min. 5 ECTS

Electrical Engineering and Information Technology – Important Information

- Modules are usually taught in **German**.
- The department of Electrical Engineering and Information Technology (part of TUM School of Computation, Information and Technology) is situated on the main campus in Munich, modules take place there.

Mechanical Engineering

<https://www.youtube.com/watch?v=YHWk5SwQAq8>



Specialization in Technology - Mechanical Engineering (42 ECTS credits)

Specialization in Technology: Mechanical Engineering	Yes	42	Required modules: 37 ECTS
Required Modules Mechanical Engineering	Yes		
[VK] [IN8005] Introduction into Computer Science (for non informatics studies)	Yes	5	
[VK] [MA9714] Mathematics in Natural and Economic Science 2	Yes	6	
[VK] [MW2385] CAD and Machines Drawing (Specialization/Application Area)	Yes	5	
[VK] [MW2447] Introduction to Manufacturing Technology	Yes	3	
[VK] [MW1108] Engineering Mechanics for Technology Management	Yes	6	
[VK] [MW1694] Machine Elements - Basics, Manufacturing, Application	Yes	7	Elective modules: min. 5 ECTS
[VK] [BV350007] Materials in Mechanical Engineering	Yes	5	
Elective Modules Mechanical Engineering	Yes		
[VK] [MW1903] Bioprocess Engineering	Yes	5	
[VK] [MW0040] Production Engineering	Yes	5	
[VK] [MW2021] Fluid Mechanics 1	Yes	5	
[VK] [MW1932] Basics of Casting and Metal Forming	Yes	5	
[VK] [MW1918] Industrial Software Development of Mechatronic Systems and Implementation in C++	Yes	5	
[VK] [MW1907] Introduction to Flight Mechanics and Control	Yes	5	
[VK] [MW0066] Piston Engines 1	Yes	5	
[VK] [ED160007] Lithium-Ion Battery Production	Yes	5	
[VK] [MW1920] Machine Dynamics	Yes	5	
[VK] [ED150010] Sustainable Mobile Drivetrains	Yes	5	
[VK] [ED160017] Sustainable Manufacturing	Yes	5	
[VK] [MW2022] Automatic Control	Yes	5	
[VK] [MW2156] Metal-cutting Manufacturing Processes	Yes	5	
[VK] [MW1906] Technology and Applications of Current and Future Nuclear Reactors	Yes	5	
[VK] [BGU38017] Thermodynamics and Energy Technology	Yes	5	

Mechanical Engineering – Important Information

- Modules are usually taught in **German**.
- The Department of Mechanical Engineering (part of the TUM School of Engineering and Design) is located in Garching campus, modules take place there.

Chemistry

<https://www.youtube.com/watch?v=2KQi7L3ImBY>



Specialization in Technology - Chemistry

Specialization in Technology: Chemistry	42	1	
Required Modules Chemistry		1	
[CH1104] General and Inorganic Chemistry	6	1	
[IN8005] Introduction into Computer Science (for non informatics studies)	5	1	
[CH1090] Introduction to Organic Chemistry	6	1	
[CH0106] Biology for Chemists	5	1	
[CH1000] Chemical Laboratory Course for TUM-BWL	6	1	
[CH0107] Analytical Chemistry	3	1	
[CH0780] Chemistry in Everyday Life and Technology	6	1	
Elective Modules Chemistry	5	1	
[CH4103] Molecular Inorganic Chemistry	5	1	
[CH3037] Molecular Biotechnology	5	1	

Required modules:
37 ECTS

Elective modules:
min. 5 ECTS

Chemistry – Important Information

- Modules are usually taught in **German**.
- The department of Chemistry (part of TUM School of Natural Sciences) is situated in Garching campus, modules take place there

Thank you for your attention!

Now, you will get detailed information about the application process for Medicine.

For students interested in other specializations:

We end the event with the chance to talk to fellow students from higher semesters who will share their point of view on the technical specializations

→ please join them in the breakout sessions

→ students interested in Medicine stay in the main session

Medicine

<https://www.youtube.com/watch?v=NIIsruMQUBjU>



Bachelor in Management & Technology

Specialization in Medicine





Agenda

1. General Information



2. Application Requirements



3. Application



4. Selection Process



5. Admission / Rejection



6. Further Information



1. General Information

Opportunities and Challenges - Things to keep in mind

Opportunities – what we offer you

Gaining insights into medicine from a theoretic and Hands-On perspective

Get a first idea of how modern medicine works and how medical professionals do their work

Studying side-by-side with health science and medical students

A unique combination of medicine, natural sciences and business subjects combined

Challenges – what you should bring along

A genuine interest in medicine and natural sciences

Curiosity and the ability to assimilate new facts, figures and information quickly

Profound German language skills

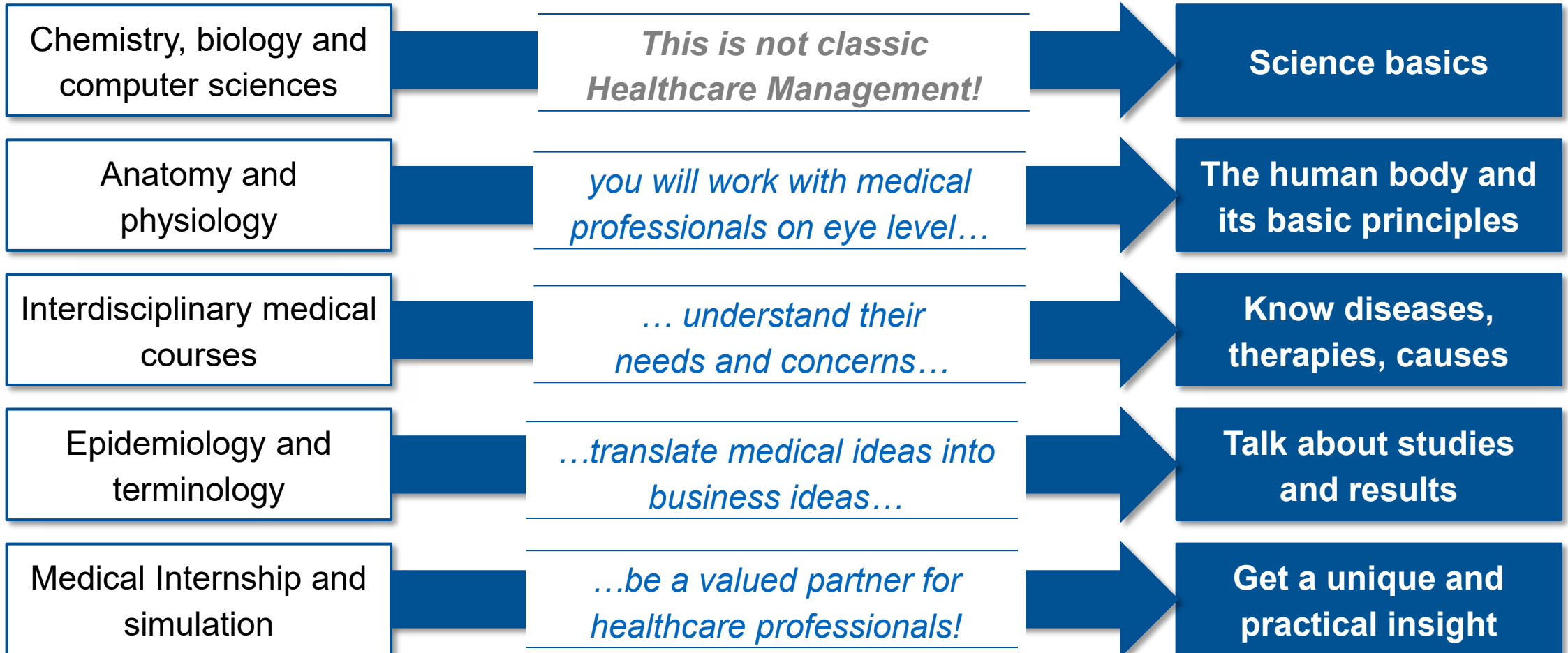
The motivation and perseverance to fill some gaps on your own

This course has a strong orientation towards sciences and medicine and is therefore not a classic healthcare management course

1. General Information



Classic Medical Management and us – what is the difference?



1. General Information

Advantages:

- Really detailed immersion in medical topics along with real **medical students**
- Small and cohesive **community**
- Great **balance** with business topics
- Very **practical** approach
- Mix of subjects from **LMU pre-clinical medicine** and **TUM**
- Learning **medical terminology**
- Many aspects of **sports medicine**
- **Independent** studying

1. General Information



Structure:

2. Semester	Chemie		
3. Semester	Biologie	Körperstrukturen und funktionen	Medizinische Terminologie
4. Semester	Anatomie und Physiologie der inneren organe		
5. Semester	Medizinische Vertiefung	Medizin und Praxis	Introduction into Computer Science

1. General Information

Where will you study the specialization in medicine?

➤ Schools involved:

- TUM School of Medicine and Health with University Hospital “Rechts der Isar” and LMU pre-clinical schools
- TUM School of Life Sciences

➤ Locations:

- TUM Central Campus at Arcis-, Luisen- and Karlstraße
- TUM Campus at the Olympic Park and TUM Campus University Hospital rechts der Isar at Max-Weber-Platz
- Munich (pre-)clinical schools of LMU in Munich city center (Nussbaum-, Pettenkoferstraße)

1. General Information



Who can study the specialization in medicine?

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
- Special **aptitude assessment** is required as specified in **Appendix 2** of the **FPSO** (Version of June 20th, 2023 and later)
→ Please refer to: <https://www.mgt.tum.de/download-center>

1. General Information

Where can you apply for the specialization in medicine?

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

When can you apply for the specialization in medicine?

- **Application period:** **January 16th – April 27th, 2025**

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**:
 - **SOT87316**: *“Business Ethics”*
 - **MGT001372**: *“Foundations of Entrepreneurial Business”*
 - **MGT001374**: *“Operations Research and Decision Analysis”*
 - **WI001059_E**: *“Financial Accounting”*
 - **WI000021_E**: *“Economics I – Microeconomics”*
 - **MA9711**: *“Mathematics in Natural and Economic Science 1”*

2. Application Requirements



CAVE!

- You must **register** for the aforementioned **exams** as **compulsory subjects** and NOT as optional subjects!
- MA9711: *“Mathematische Behandlung der Natur- u. Wirtschaftswissenschaften 1” / “Mathematics in Natural and Economic Science 1”*
- **You must sit the 1st examination**, as grades of repeat examinations cannot be considered in the selection process!

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.

↓ Please log in using your TUM ID
(e.g. "go42tum") or TUM e-mail
address and your password.

Anmelden



[Weiter ohne Anmeldung](#)

3. Application

Application through TUMonline „Courses (Lehrveranstaltung)“

Choose „Courses (Lehrveranstaltungen)“ within the menu.

Studium und Lehre



Studienstatus / Studien-
enplan



Lehrveranstaltungen



Modulhandbuch



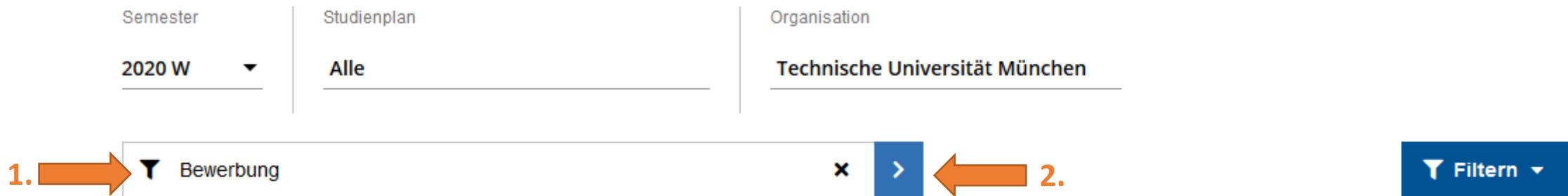
Studierendenkartei




Terminkalender


3. Application

Application through TUMonline „Courses (Lehrveranstaltung)“



Semester: 2020 W
Studienplan: Alle
Organisation: Technische Universität München

1.  2.

 Filtern

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

Please remember to change the semester, in case you apply after March 31st, 2025. It must be changed to winter 2024 in this case! (Otherwise you won’t find the course!)

3. Application

Application via TUMonline Course registration
(Lehrveranstaltung)

0000005463 Bewerbung für das ingenier-, natur- oder lebenswissenschaftliche Fach Medizin ★	⊖ LV-Anmeldung möglich
VO 1 SWS	LV-Anmeldung >
Vortragende*r:  <u>Noch nicht bekannt, N.N.</u>	



Click on „LV Anmeldung“
(„Course Registration“)

3. Application



Techn.-u.Managem.BWL

Bewerbung für INF Medizin

⊕ LV-Anmeldung möglich

Bewerben dürfen sich alle Studierende des B.A.-Studiengangs TUM-BWL, die ihr Studium zum WS 19/20 aufgenommen haben bzw. alle Studierende des B.A.-Studiengangs TUM-BWL, welche gemäß der Fachprüfungsordnung vom 09. Oktober 2019 studieren. Studierende höherer Semester, die gemäß älterer Versionen der Fachprüfungsordnung studieren, welche vor dem 09.10.2019 erlassen wurden, sind nicht zur Bewerbung zugelassen!

Anmeldezeitraum	Reihungskriterien	Teilnehmende
von 14.01.21, 00:00 bis 18.04.21, 23:59	1. Credits: Absolvierte ECTS-Credits lt. SPO-Berechnung 2. Los (4 Stellen)	48 Max. pro Verfahren

Abmeldung
bis 18.04.21, 23:59

Platzvergabe

Bewerben dürfen sich alle Studierende des B.A.-Studiengangs TUM-BWL, die ihr Studium zum WS 19/20 aufgenommen haben bzw. alle Studierende des B.A.-Studiengangs TUM-BWL, welche gemäß der Fachprüfungsordnung vom 09. Oktober 2019 studieren. Studierende höherer Semester, die gemäß älterer Versionen der Fachprüfungsordnung studieren, welche vor dem 09.10.2019 erlassen wurden, sind nicht zur Bewerbung zugelassen!

[Details zur Platzvergabe nicht anzeigen](#)

ⓘ Bitte wählen Sie mindestens 1 Gruppen aus 1 unterschiedlichen Lehrveranstaltungen.

⚠ Bitte wählen Sie insgesamt 1 (derzeit 0) Gruppe(n) aus, davon 1 (derzeit 0) aus unterschiedlichen Lehrveranstaltungen.

0000005463 **Bewerbung für das ingenier-, natur- oder lebenswissenschaftliche Fach Medizin** Freie Anmeldung

☒ Standardgruppe ☆
(max. 48 Teilnehmende)

Vortragende*r: Noch nicht bekannt, N.N. Termine: -

Präferenz bearbeiten

niedrig ☐ ☐ ☒ ☐ ☐ hoch

Tick the box
„Standardgruppe“



3. Application

Application via TUMonline Courses (Lehrveranstaltung)

0000005463
Bewerbung für das ingenier-, natur- oder lebenswissenschaftliche Fach Medizin
Freie Anmeldung

☒ Standardgruppe ☆
(max. 48 Teilnehmende)

Vortragende*r
 Noch nicht bekannt, N.N.

Termine
-

Präferenz bearbeiten
niedrig ☐ ☐ ☒ ☐ ☐ hoch

Zurück

Click on „Belegwunsch erfassen“
(„Enter place request“)



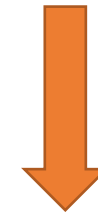
Belegwunsch erfassen

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“)

Belegwunsch erfassen

Abbrechen

3. Application



Application via TUMonline Courses (Lehrveranstaltung)

Ergebnis der Anmeldung

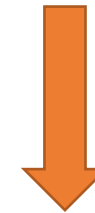
Anmeldung erfolgreich durchgeführt.

Name: Test Testperson 212

Gewähltes Studium: 1630 17 256 Techn.-u.Managem.BWL

Anmeldeverfahren: Bewerbung für INF Medizin

LV-Gruppen: Standardgruppe



Click on „Meine
Lehrveranstaltungen“
(„My courses“)

Meine Lehrveranstaltungen

Schließen

3. Application

Application via TUMonline Courses (Lehrveranstaltung)

0000005463 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

„Requirements fulfilled“

🕒 Voraussetzungen erfüllt

Anmeldung bearbeiten

>

4. Selection Process



Appendix 2 to the FSPO (Version of June 20th, 2023 and later):

- Only applicants who meet the application deadline will be considered. → Applications received after the deadline will NOT be accepted!
- Places in the program will be allocated according to **academic progress in the 1st semester**. → Higher semesters and lateral entry students will be considered secondarily.

4. Selection Process



4.1 First Round:

At first, all applicants will be considered that have successfully **passed** the **following six compulsory modules** of the 1st semester:

- **SOT87316:** *“Business Ethics”*
- **MGT001372:** *“Foundations of Entrepreneurial Business”*
- **MGT001374:** *“Operations Research and Decision Analysis”*
- **WI001059_E:** *“Financial Accounting”*
- **WI000021_E:** *“Economics I – Microeconomics”*
- **MA9711:** *“Mathematische Behandlung der Natur- u. Wirtschaftswissenschaften 1” / “Mathematics in Natural and Economic Science 1”*

4. Selection Procedure



4.1 First Round:

- Where more than 48 applicants fulfill these admission requirements, applicants will be ranked according to their **grade point average** achieved in these 6 compulsory 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**, further applicants who do not fulfil the conditions of six completed compulsory modules may be admitted as follows:

- Places will be allocated first to those students who have **passed five 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:

- Applications will then be considered which have successfully completed and **passed four, then three, then two, then one module(s)** of the 1st semester.
- **Process in accordance with first the first round.** When calculating the average of the achieved module grades, two decimal places are taken into account, all other places are deleted without rounding. In case of an equal ranking, the places will be allocated 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 in accordance with 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 e-mail by April 29th, 2025**
- In case of acceptance, students must **accept or decline** the offer of admission via e-mail **by April 30th, 2025**
- 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, admitted students will receive further information concerning courses and the curriculum in a ZOOM-Meeting and via e-mail.

6. Further Information



Language prerequisite:

- Specialization in Medicine is taught in German only! → A good command of the **German language** (at least level **B1/B2**) is **mandatory**!

5th Semester:

- **Overlap of two compulsory modules** → Evasion to 3rd semester not possible due to another overlap of subjects
- **International Exchange Semester during the 5th semester not recommended** due to 3 compulsory modules taking place during this semester → It takes a lot of self-initiative to realize a semester abroad nonetheless!

6. Further Information



**Official contact person for questions on the specialization in
Medicine:**

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