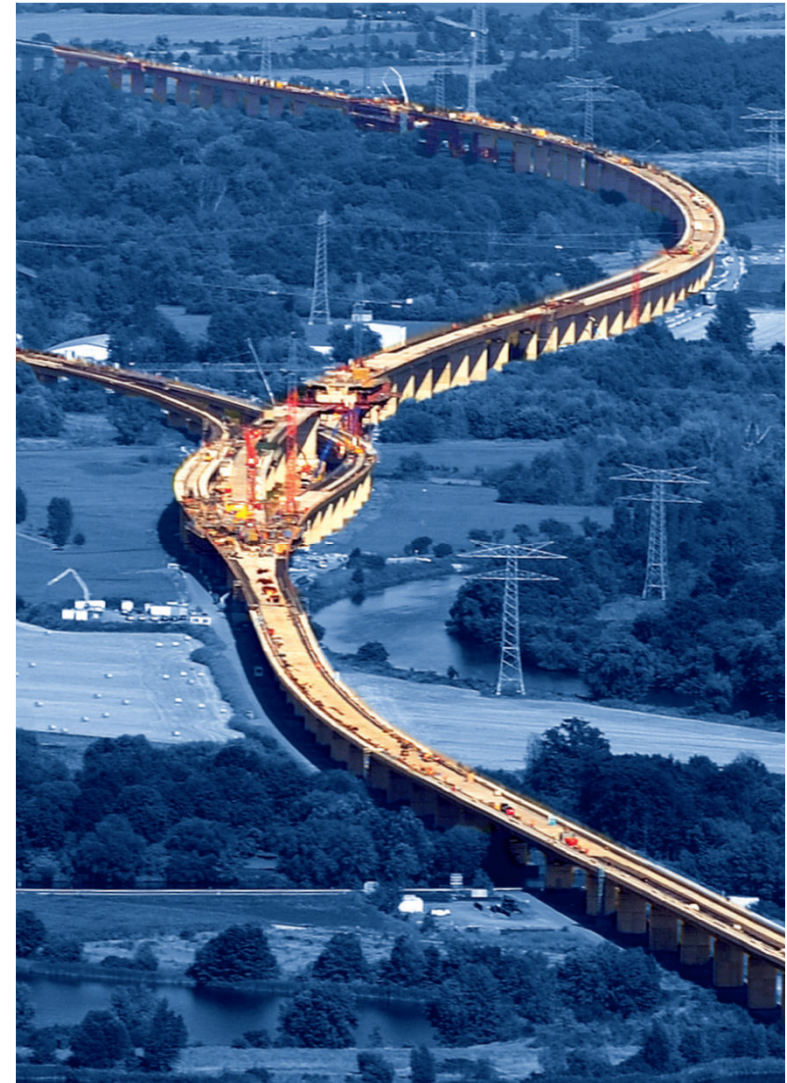


Introduction in the master's degree of Civil Engineering



Eva Bodemer
Course coordinator
Study counsellor
e.bodemer@tum.de

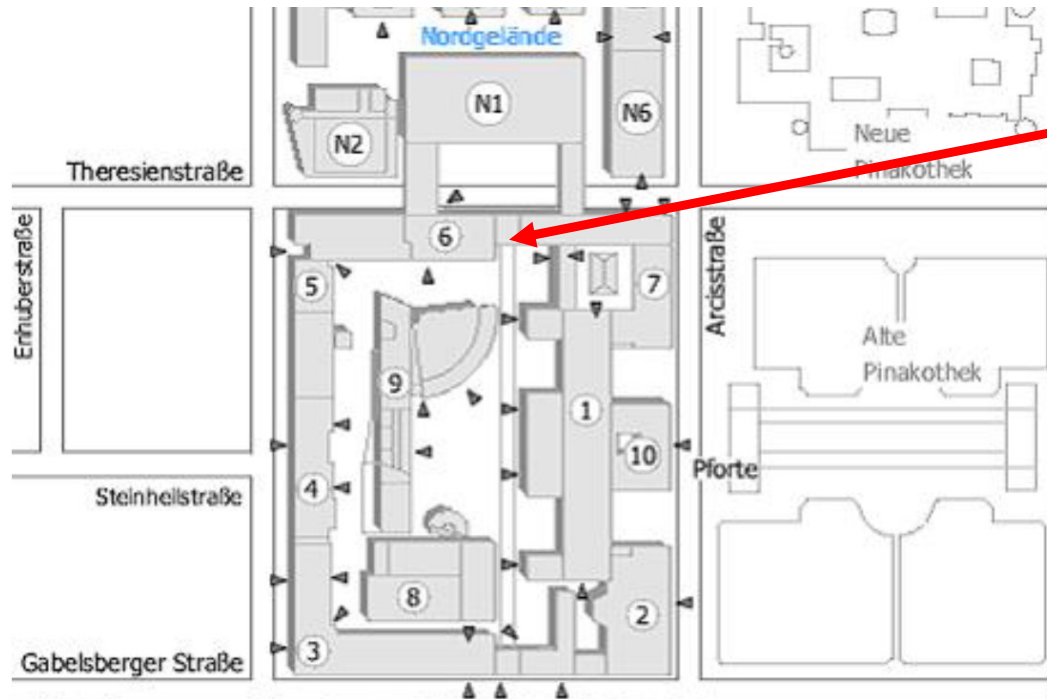


Introduction in the master's degree of Civil Engineering

Dipl.-Ing. Eva Bodemer
Course coordinator
Study counsellor

Manuela Schillo M. A.
**Examination administration &
secretary**
m.schillo@tum.de

Office Hours



In Person:

Tuesday 2.00 – 4.00 pm
Room 1701

Zoom Office Hours:

Thursday 10.00-12.00 am

Examination administration and study guidance

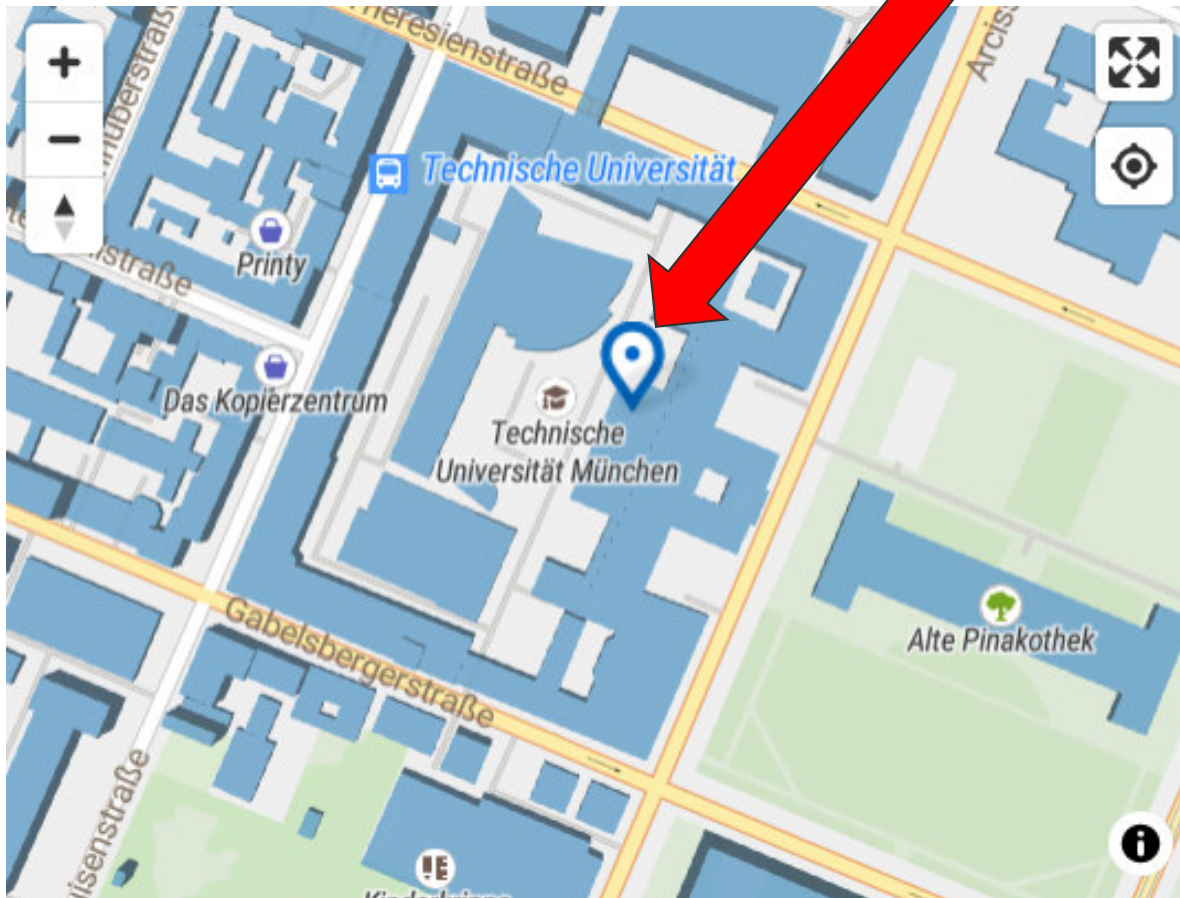
<https://tum-conf.zoom.us/j/63122068364>

Meeting-ID: 631 2206 8364

Kenncode: BAU

Information session for the specializations

Wednesday 15th October 4.00-6.00 pm



Immatrikulationshalle
Raum 0136

Date of the Examination

Lecture period: **13.10.2025 – 06.02.2026**

Lecture-free days:

- *All Saints' Day: 01.11.2025 (This year Saturday)*
- *Dies Academicus: 04.12.2025*
To allow all members of our TUM family to participate, no lectures will be held during the celebration.
- *Christman Vacation: 24.12.2025 – 06.01.2026*

Exam period:

- expected: **last week of the semester – first week semesterbreak** Elective Modules
- expected: **01.03.26-29.03.26** Required Modules

Exam registration

- Modules: **17.11.25 – 30.01.26**
- Registration and Deregistration via TUMonline

Date of the Examination

Exam deregistration:

- Required Modules: till 7 days before the exam
- Elective Modules till 7 days before the exam (you can see it in TUMonline)

If you do not deregister from the exam, the exam will be counted as failed even if you did not take part!

Date of the Examination

**There must be a registration for the exam in TUMonline
to pass the exam !!!
(Also in projects and academic achievements!)**

**If you have problems with the registration, please contact us before the
deadline expires.**

Studieninteressierte / Prospective students

- Studienstart / Starting your studies – M.Sc. BI
- Studierende / Students – M.Sc. BI
- Internationales / Exchanges – M.Sc. BI
- **Dokumente / Documents – M.Sc. BI**

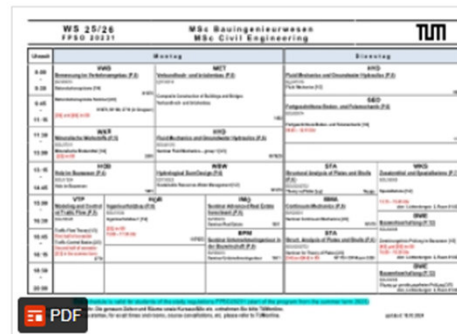
- › M.Sc. Computational Mechanics
- › M.Sc. Energie- und Prozesstechnik
- › M.Sc. Entwicklung, Produktion und Management im Maschinenbau
- › M.Sc. Entwicklung und Konstruktion
- › M.Sc. Environmental Engineering / Umweltingenieurwesen
- › M.Sc. ESPACE - Earth Oriented Space Science and Technology
- › M.Sc. Fahrzeug- und Motorentechnik
- › M.Sc. Geodäsie und Geoinformation
- › M.Sc. Human Factors Engineering
- › M.Sc. Industrielle Biotechnologie
- › M.Sc. Information Technologies for the Built Environment
- › M.Sc. Ingenieur- und Hydrogeologie (federführend TUM)
- › M.Sc. Land Management and Geospatial Science
- › M.A. Landschaftsarchitektur / Landscape Architecture
- › M.Sc. Luft- und Raumfahrt
- › M.Sc. Maschinenbau und Management

Dokumente / Documents – M.Sc. BI

- [VORLÄUFIGE Stundenpläne / PRELIMINARY Timetables WiSe 25/26 - updated: 30.07.2025](#)
 - [Pflichtmodule / Required modules FPSO 2023-1:](#)
 - [Vertiefungen / Specializations FPSO 2023-1:](#)
 - [Infos zum Stundenplan / Information to the timetable:](#)
- [Prüfungsplan / exam plan SS25 - updated: 21.05.2025](#)
- [VORLÄUFIGE Stundenpläne / PRELIMINARY Timetables SoSe](#)
 - [Vertiefungen / Specializations:](#)
- [Allgemeine Prüfungs- und Studienordnung - APSO](#)
- [Fachprüfungs- und Studienordnung - FPSO](#)
- [Formular "Wahl der Querschnittsvertiefung im Master" / Form "Choice of the Personalized Specialization Subject of the master's program"](#)
- [Formular "Änderung der Vertiefungsfachkombination" / Form "Changing the combination of the Specialization Subject"](#)
- [Antrag auf Anerkennung von Prüfungsleistungen/ Application for Recognition of Examinations](#)
- [Einführung zum Master Bauingenieurwesen](#)
- [Introduction to the Master in Civil Engineering](#)

VORLÄUFIGE Stundenpläne / PRELIMINARY Timetables WiSe 25/26 - updated: 30.07.2025

Pflichtmodule / Required modules FPSO 2023-1:



WiSe 25/26 FPSO 2023-1		M.Sc. Bauingenieurwesen M.Sc. Civil Engineering		TUM	
Semester	Modul	Modul	Modul	Modul	Modul
1. Semester	Grundvorlesung der Festigkeitslehre (F1)	Grundvorlesung der Festigkeitslehre (F1)	Grundvorlesung der Festigkeitslehre (F1)	Grundvorlesung der Festigkeitslehre (F1)	Grundvorlesung der Festigkeitslehre (F1)
2. Semester	Grundvorlesung der Festigkeitslehre (F2)	Grundvorlesung der Festigkeitslehre (F2)	Grundvorlesung der Festigkeitslehre (F2)	Grundvorlesung der Festigkeitslehre (F2)	Grundvorlesung der Festigkeitslehre (F2)
3. Semester	Grundvorlesung der Festigkeitslehre (F3)	Grundvorlesung der Festigkeitslehre (F3)	Grundvorlesung der Festigkeitslehre (F3)	Grundvorlesung der Festigkeitslehre (F3)	Grundvorlesung der Festigkeitslehre (F3)
4. Semester	Grundvorlesung der Festigkeitslehre (F4)	Grundvorlesung der Festigkeitslehre (F4)	Grundvorlesung der Festigkeitslehre (F4)	Grundvorlesung der Festigkeitslehre (F4)	Grundvorlesung der Festigkeitslehre (F4)

<https://wiki.tum.de/pages/viewpage.action?pageId=876675571>

<https://wiki.tum.de/display/docs/View+semester+plan+and+schedule>

WS 25/26 FPSO 2023/1		MSc Bauingenieurwesen MSc Civil Engineering		TUM	
Jhrzeit	Montag			Dienstag	
8:00 - 9:30	VWB <u>Bemessung im Verkehrswegebau (P.8)</u> BV340010 Betondeckensysteme [1/4] N1070	MET <u>Verbundhoch- und brückenbau (P.6)</u> ED130014 Composite Construction of Buildings and Bridges Verbundhoch- und brückenbau 1402	HYD <u>Fluid Mechanics and Groundwater Hydraulics (P.6)</u> BGU41016 Fluid Mechanics [1/3] 0220		
9:45 - 11:15	Betondeckensysteme Seminar [2/4] N1070, N1180, 2710 (in Gruppen) [3/4] und [4/4] im SS		GEO <u>Fortgeschrittene Boden- und Felsmechanik (P.6)</u> BGU50014 Fortgeschrittene Boden- und Felsmechanik [1/2] 09:45 – 12:15 Uhr 1180		
11:30 - 13:00	WKS <u>Mineralische Werkstoffe (P.5)</u> BGU37011 Mineralische Bindemittel [1/2] [2/2] im SS 2805	HYD <u>Fluid Mechanics and Groundwater Hydraulics (P.6)</u> BGU41016 Seminar Fluid Mechanics – group 1 [3/3] 0670ZG			
13:15 - 14:45	HOB <u>Holz im Bauwesen (P.4)</u> BGU51024 Holz im Bauwesen 1801	WBW <u>Hydrological Dam Design (P.6)</u> ED130022 Sustainable Resources Water Management [1/2] N1070	STA <u>Structural Analysis of Plates and Shells (P.6)</u> BGU32027D2 Theory of Plates [1/4] N1090	WKS <u>Zusatzmittel und Spezialbetone (P.7)</u> BGU35009 Spezialbetone [1/2] 13:15 – 15:45 Uhr cbm Lichtenbergstr. 2, Raum 01.023.1	
15:00 - 16:30	VTP <u>Modeling and Control of Traffic Flow (P.9)</u> BGU56045 Traffic Flow Theory [1/3] First half of semester Traffic Control Basics [2/3] Second half of semester [3/3] in the summer term 2770	HOB <u>Ingenieurholzbau (P.8)</u> BGU51034 Ingenieurholzbau 1 [1/2] [2/2] im SS 15:00 – 17:30 Uhr 0670ZG	IMO <u>Seminar Advanced Real Estate Investment (P.6)</u> BV550018 Seminar Real Estate 1801	BMA <u>Continuum Mechanics (P.6)</u> BV020001 Seminar Continuum Mechanics [2/2] N1070	
16:45 - 18:15			BPM <u>Seminar Unternehmerringenieur in der Bauwirtschaft (P.6)</u> BV550010 Seminar Unternehmerringenieur 1801	STA <u>Struct. Analysis of Plates and Shells (P.6)</u> BGU32027D2 Seminar for Theory of Plates [2/4] [3/4] and [4/4] in SS N1179 / CIP-Raum 3238	
18:30 - 20:00				BWE <u>Bauwerkserhaltung (P.12)</u> BGU64008 Übung zur zerstörungsfreien Prüfung [3/5] cbm, Lichtenbergstr. 2, Raum 01.023.1	

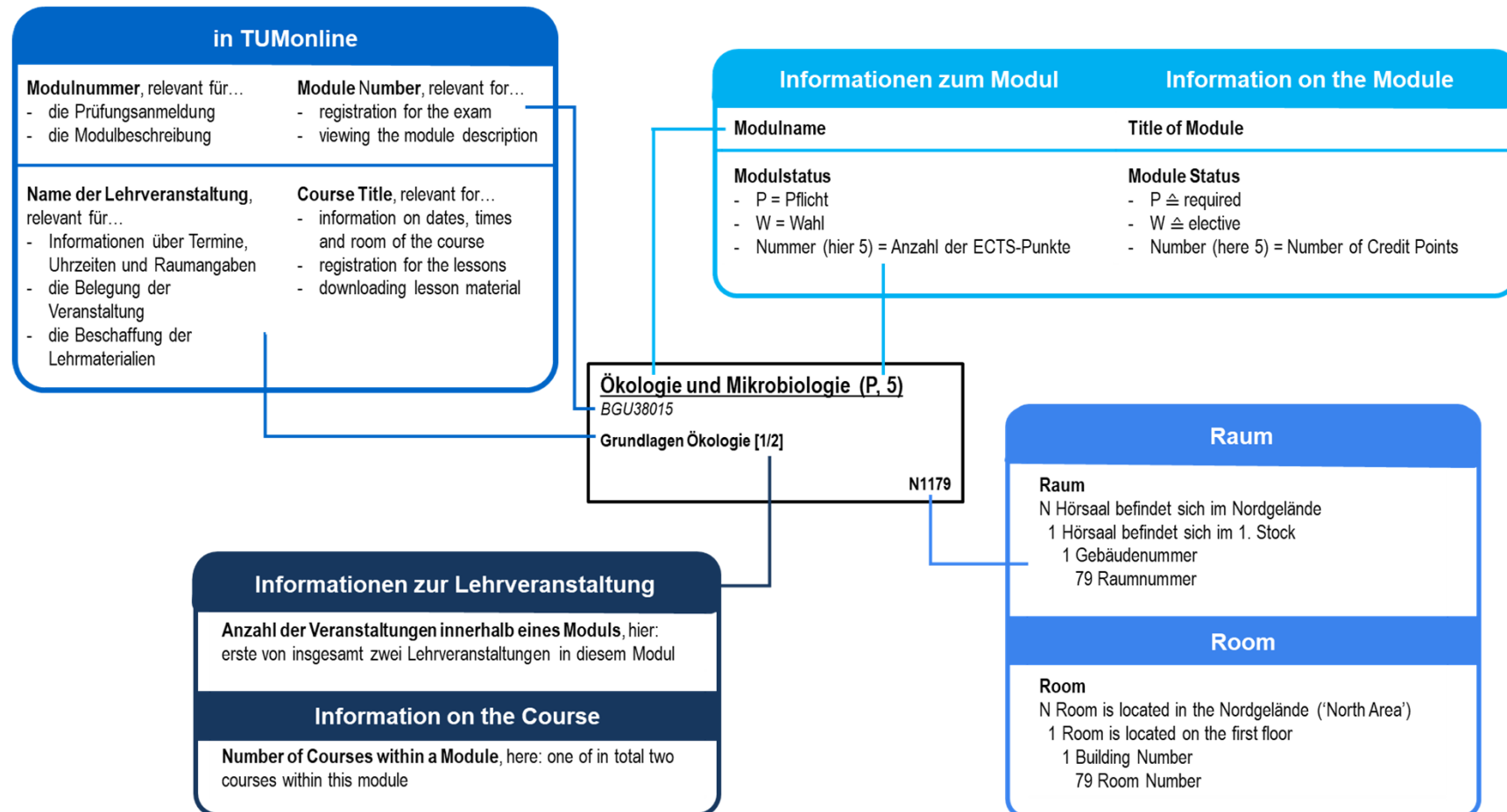
This schedule is valid for students of the study regulations FPSO20231 (start of the program from the summer term 2023)

Alle Angaben ohne Gewähr. Die genauen Zeiten und Räume sowie Kursausfälle etc. entnehmen Sie bitte TUMonline.
All information without guarantee, for exact times and rooms, course cancellations, etc. please refer to TUMonline.

updated: 18.07.2024

<https://wiki.tum.de/pages/viewpage.action?pageId=876675571>

<https://wiki.tum.de/display/docs/View+semester+plan+and+schedule>

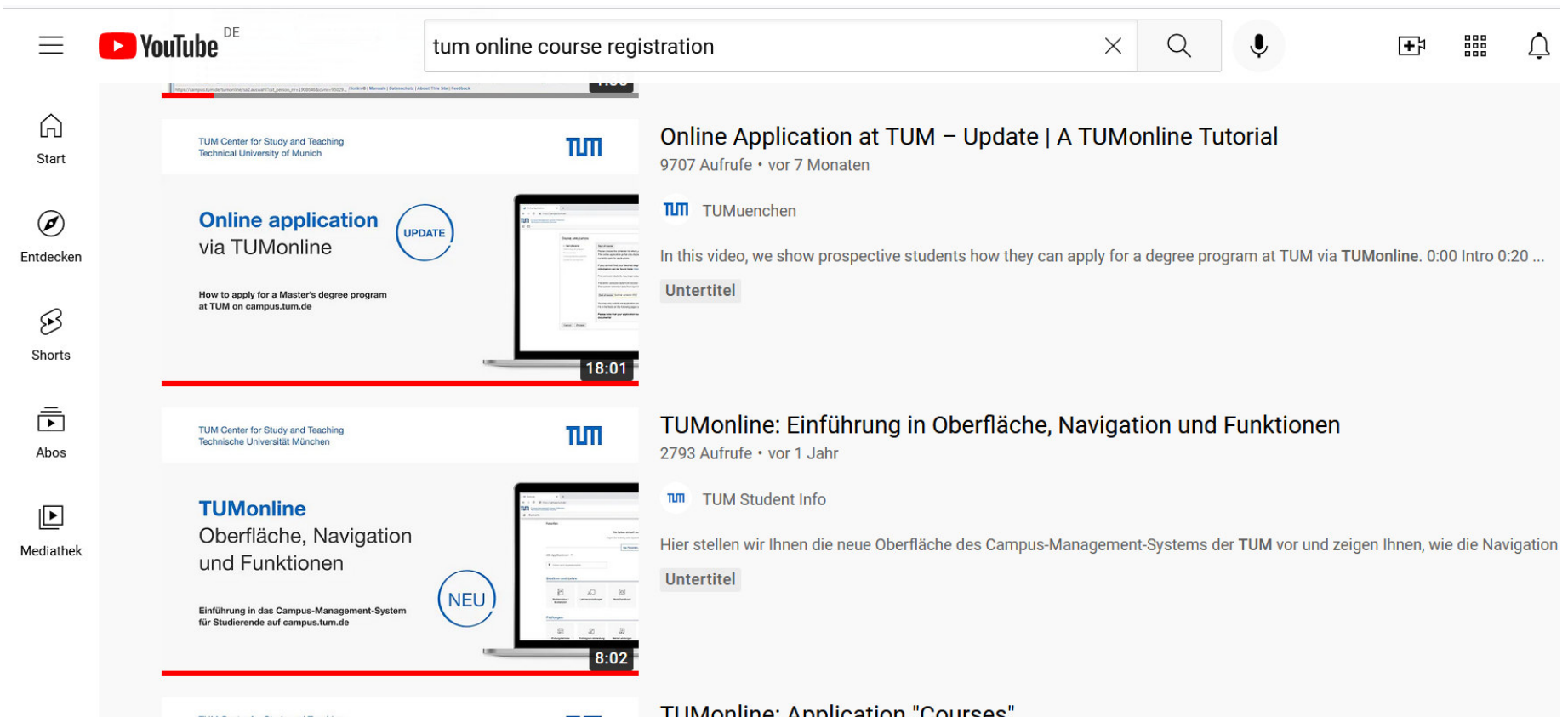


<https://wiki.tum.de/display/docs/View+semester+plan+and+schedule>

TUMonline

Tutorials YouTube:

https://www.youtube.com/results?search_query=tum+online+course+registration



The screenshot shows the YouTube interface with the search bar containing 'tum online course registration'. The left sidebar includes navigation icons for Start, Entdecken, Shorts, Abos, and Mediathek. The main content area displays two video results:

- Online Application at TUM – Update | A TUMonline Tutorial**
9707 Aufrufe • vor 7 Monaten
TUM TUMuenchen
In this video, we show prospective students how they can apply for a degree program at TUM via TUMonline. 0:00 Intro 0:20 ...
Untertitel
- TUMonline: Einführung in Oberfläche, Navigation und Funktionen**
2793 Aufrufe • vor 1 Jahr
TUM TUM Student Info
Hier stellen wir Ihnen die neue Oberfläche des Campus-Management-Systems der TUM vor und zeigen Ihnen, wie die Navigation
Untertitel

Below the second video, the start of a third video is visible: **TUMonline: Application "Courses"**.

TUMonline

- Every student can view his personal curriculum in TUMonline
<https://wiki.tum.de/display/docs/Studierende>
- Registration for the courses via TUMonline
<https://www.youtube.com/watch?v=MsBN7R6OqSk>
- Registration and deregistration of exams via TUMonline
<https://www.youtube.com/watch?v=N4ghx0qc338>
- Score publication via TUMonline
- Certificate of Enrolment etc. can be printed out via TUMonline
<https://www.youtube.com/watch?v=2x4cCnRD1E8>

MyTUM

https://portal.mytum.de/navigation_view

MyTUM-Portal
Technical University of Munich

- Home
- News +
- Calendar +
- Important documents +
- Jobs +
- Online services and login pages +
- Bulletin board +
- Contacts and support +

Sitemap >

MyTUM: The portal for staff and students at the Technical University of Munich

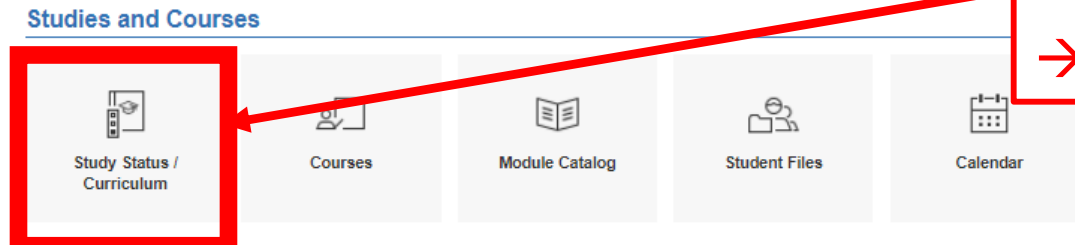
Welcome to the MyTUM portal. Here you will find important documents, forms, services and information relating to work and study.

Please note that the Technical University of Munich (TUM) offers much more online content beyond the MyTUM portal. Links to similar offers elsewhere on the university webpages are provided on the overview pages.

You have questions, complaints or requests? Then contact us at: it-support@tum.de

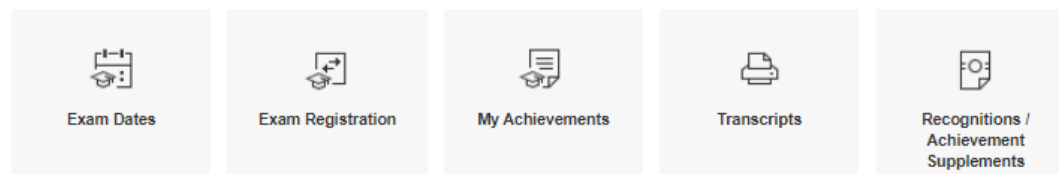
Didn't find what you were looking for? Try the [MyTUM search engine](#).

- Search for courses on TUMonline!

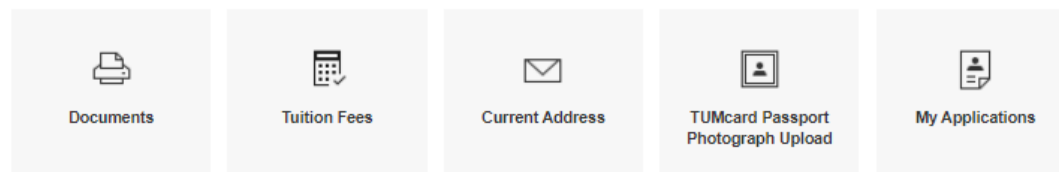


„Business card“ on TUMonline
→ Click “Study Status/ Curriculum“

Exams

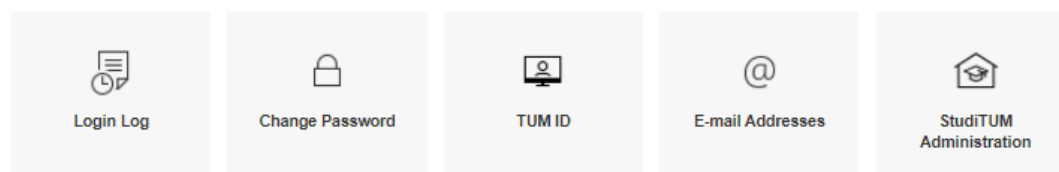


Admission

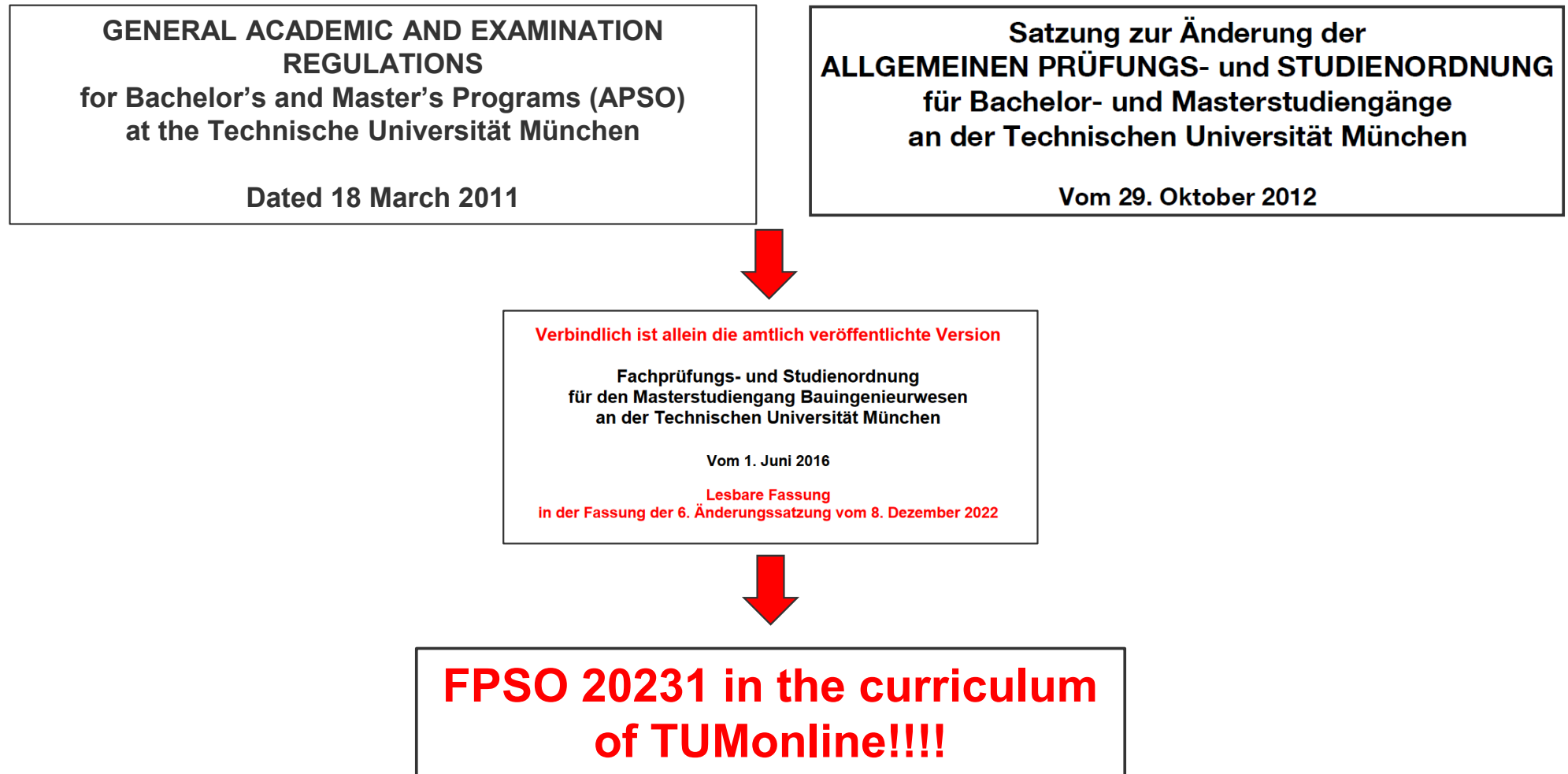


You can see your Areas of Specialization, all the Required- and Elective Modules such as dates of the exams, grades, ...

Account



Structure of the master's program in Civil Engineering



Structure of the master's program in Civil Engineering

4 areas of specialization or

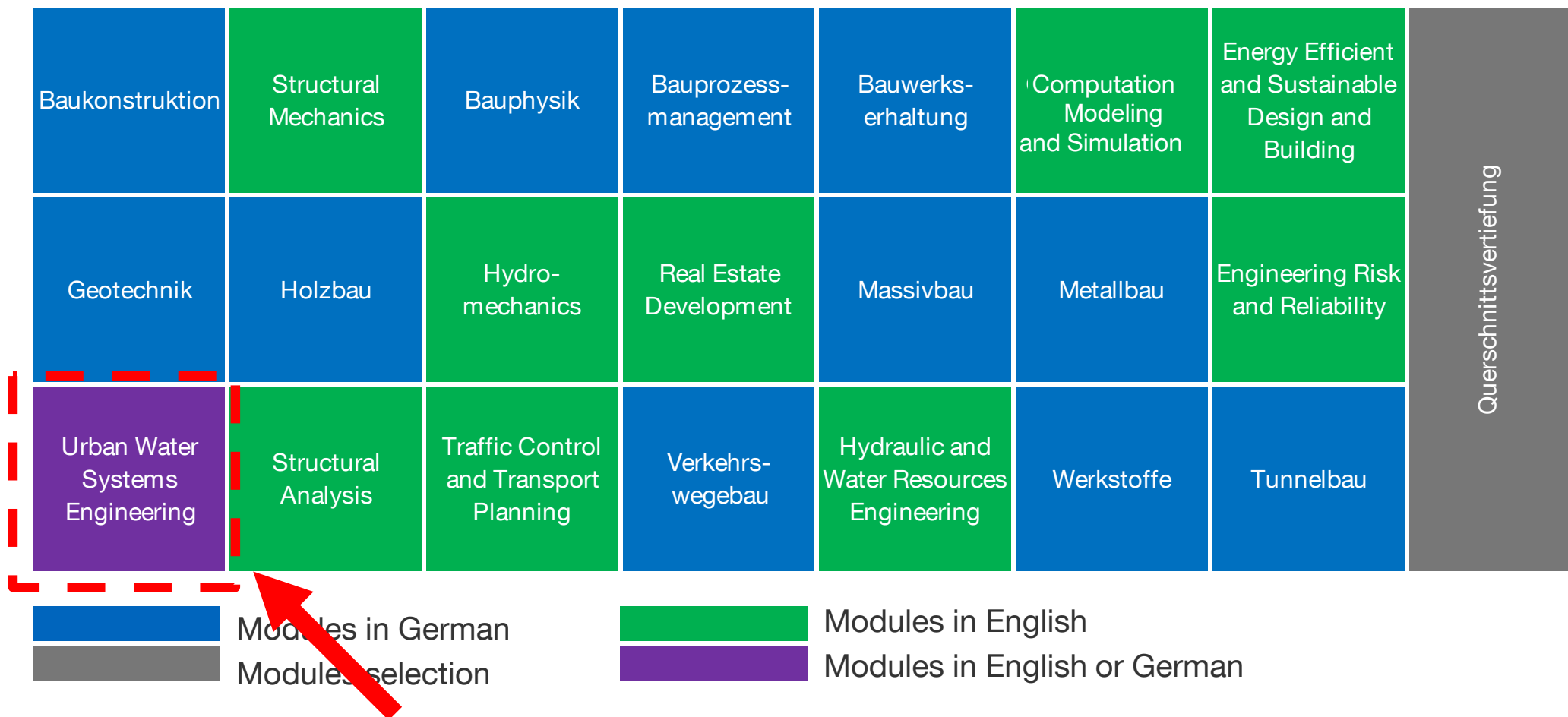
3 areas of specialization + 1 personalized specialization subject

4th semester	Master's Thesis (30 Credits)					Credits
						30
1st to 3rd semester	Specialization Subject 1	Specialization Subject 2	Specialization Subject 3	Specialization Subject 4	Personalized Specialization Subject	72/75
	12 Credits from the Required Modules	12 Credits from the Required Modules	12 Credits from the Required Modules	12 Credits from the Required Modules	12 Credits from the Required Modules	
	6 Credits from the Elective Modules	6 Credits from the Elective Modules	6 Credits from the Elective Modules	6 Credits from the Elective Modules	9 Credits from the Elective Modules	12/9
	Elective Modules from the Master's program in Civil Engineering amounting to 12 Credits for the choice of four Specialization Subjects or 9 Credits for the choice of a Personalized Specialization Subject					
	6 Credits from the whole range of the TUM					
Total						120

Aus:
FPSO20231

Structure of the master's program in Civil Engineering

22 areas of specialization



Note: Hybride Specialization 1 Course in German + 1 Course in English

Structure of the master's program in Civil Engineering

There are 22 different Areas of Specialization – detailed of TUMonline:

TUM Campus-Management-System TUMonline
Technische Universität München

Technische Universität München
 TUM Board of Management
 University Boards
 Functional Units
 Central Service Institutions
 Central Administration
 Schools
 Computation, Information and
 Engineering and Design
 Natural Sciences
 Life Sciences
 Medicine and Health
 Management
 Social Sciences and Techno
 Academic department
 Integrative Research Institutes
 Corporate Research Centers
 TUM Graduate School
 TUM Institute for Advanced Study
 TUM Institute for Life Long Learning
 Other Scientific Institutions
 Technology Core Facilities
 TUM Leibniz-Institute
 Research projects
 Officers and Representatives
 Institutions close to the University
 Munich School of Politics and Public Administration

16 310 Civil Engineering (20231, Master's program, current)

Curriculum
Academic year 2024/25

Node filter-Name

- [20231] Master Civil Engineering
 - actual Credits of Required Modules
 - actual Credits of Elective Modules
 - actual Credits of Supplementary Subjects
 - Areas of Specialization
 - Specialization Subject Structural Design
 - Specialization Subject Structural Mechanics
 - Specialization Subject Building Physics
 - Specialization Subject Management of Business- and Engineering Processes
 - Specialization Subject Condition Control and Repair of Structures
 - Specialization Subject Computational Modeling and Simulation
 - Specialization Subject Energy Efficient and Sustainable Design and Building
 - Specialization Subject Advanced Geotechnics
 - Specialization Subject Timber Structures
 - Specialization Subject Hydromechanics
 - Specialization Subject Real Estate Development
 - Specialization Subject Concrete and Masonry Structures
 - Specialization Subject Metal Structures
 - Specialization Subject Engineering Risk and Reliability
 - Specialization Subject Urban Water Systems Engineering
 - Specialization Subject Structural Analysis
 - Specialization Subject Traffic Control and Transport Planning
 - Specialization Subject Road, Railway and Airfield Construction
 - Specialization Subject Hydraulic and Water Resources Engineering
 - Specialization Subject Building Materials
 - Specialization Subject Advanced Tunneling
 - Personalized Specialization Subject
 - Catalogue of Elective Modules
 - Supplementary Subjects
 - Master's Thesis
 - Auflagen

Structure of the master's program in Civil Engineering

Attention: Lectures that will be hold at the same time

Attention:

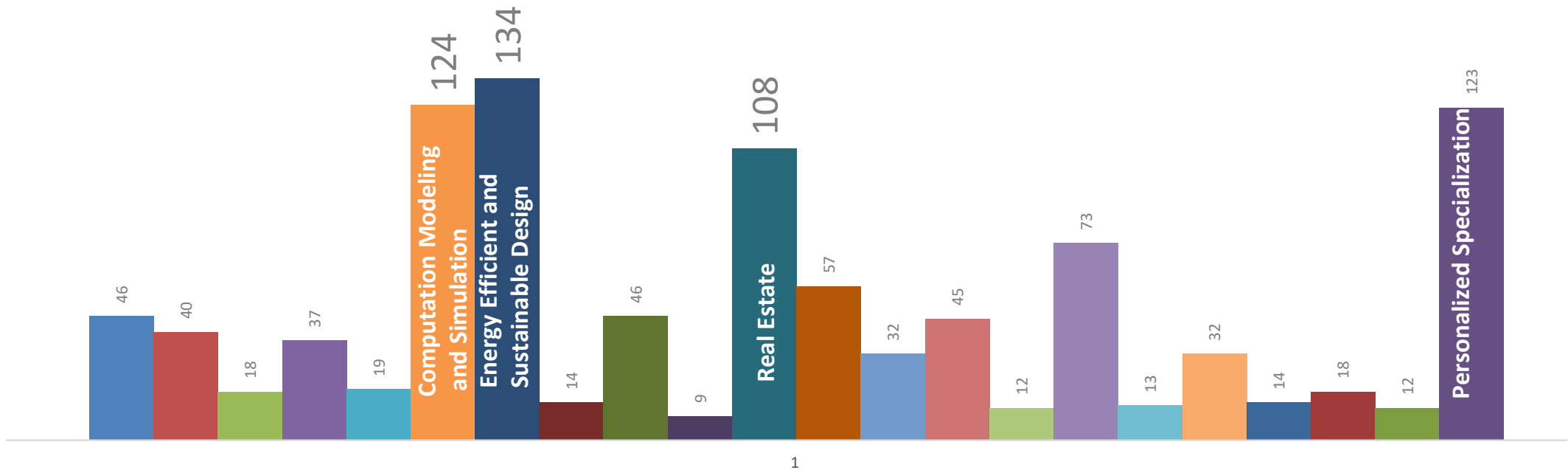
Due to the high number of specialisations, there are several overlapping courses.

Every student must create his or her own individual timetable!

Structure of the master's program in Civil Engineering

Metal Structures	Road, Railway and Airfield Construction
Timber Structures	Traffic Control and Transport Planning
Structural Analysis	Building Materials and Condition Control and Repair of Structures
Structural Mechanics	Hydraulic and Water Resources Engineering
Foundation Engineering, Soil Mechanics, Rock Mechanics and Tunneling	Building Physics
Management of Business- and Engineering Processes	Hydromechanics
Structural Design	Urban Water System Engineering
Computation in Engineering	Real Estate Development
Concrete and Masonry Structures	Energy Efficient and Sustainable Design and Building

Specializations selected in WS 23/24




Specializations

Problems:


- very many fellow students in one course
- too few places
- this prolongs of your study time
- too few Master's theses at the end of the course
- prolongation of your study time
- a lot of competition on the job market with the same qualifications



Structure of the master's program in Civil Engineering



Koinon-School Portal
TUM School of Engineering and Design
Technical University of Munich



Portal

Key Figures

Project Studies

Right Request

Rotation lists

Specialization Civil Eng

Notification

Management

Study Awards

Teaching Assignments

Teaching Evaluation

Teaching Load

Theses

Time Tracking for HiWis

Success

Sie haben sich erfolgreich eingeloggt

Portal > Lehrverwaltung > Master-Vertiefung-BI > Verwaltung

Verwaltung

Hier können die Semester zur Meldung der Vertiefungsrichtungen angelegt und verwaltet werden.

+ New application round

⚙ Configuration

Semester	Start date of the application round	Application deadline	Module Authorization	Export	Actions
Sommersemester 2022	-	25.04.2022	104 Students	Export	Edit Delete
Wintersemester 22/23	-	30.09.2022	148 Students	Export	Edit Delete
Sommersemester 2023	-	28.04.2023	163 Students	Export	Edit Delete
Wintersemester 23/24	-	09.10.2023	251 Students	Export	Edit Delete
Sommersemester 2024	-	29.03.2024	183 Students	Export	Edit Delete
Wintersemester 24/25	-	30.10.2024	174 Students	Export	Edit Delete
Sommersemester 2025	04.03.2025	30.06.2025	120 Students	Export	Edit Delete
Wintersemester 25/26	20.08.2025	31.10.2025	21 Students	Export	Edit Delete

Structure of the master's program in Civil Engineering

Personalized Specialization Subject

- The choice of the subjects should be related to the future job outline and be made in your personal interest
- Subjects should supplement the other areas of specialization
- When choosing a Personalized Specialisation Subject the individual choice of subjects has to be arranged with the **Main Subject** and handed in by the **end of the lectures of the first semester of the master's program (for the winter semester until the 31st of January, for the summer semester until the 31st of July)**.
- The choice of the **Required Modules of the Personalized Specialization Subject**, signed by the **Main Subject** and the student are binding and **can not be changed** afterwards. (An exception is only possible if the chosen module is verifiably not accessible anymore).

Structure of the master's program in Civil Engineering

Personalized Specialization Subject

- The choice of the **Elective Modules of the Personalized Specialization Subject** can still be changed, if the modification is coordinated with the main subject. Therefore the form for the choice of the Personalized Specialization Subject has to be filled in again and signed by the main subject showing the new date.
- Generally, subjects for the Personalized Specialization Subject can be compiled by the whole range of the TUM. Whether this combination makes sense or not will be examined by the **Main Subject**.
- However, it is not possible to choose a 12-Credits-Required Modules of a master's program in Civil Engineering in the Personalized Specialization Subject. Students who choose 12-Credits Required Modules of a specialization can not do this in the Personalized Specialization Subject. They have to take the regular specialization.

Structure of the master's program in Civil Engineering

Main Subject:

You choose one Chair/ Area of specialization in Civil Engineering as a Main Subject

Functions:

- Examine the combination of the chosen specialization on job-related meaning
- Approve the chosen subjects of the Personalized Specialization
- Advise and supervise questions of the Specialization Subjects

The master's thesis is not linked to the Main Subject.

The Main Subject act as a mentor.

How to contact my mentor?

-> Contact the responsible chair of the specialization, ask who is the mentor.

Structure of the master's program in Civil Engineering

Personalized Specialization Subject

- To write the **master's thesis** in a **Personalized Specialization Subject**, you have to make a written application at the examination board
- The module required to reach the last Credit counts in full
- Example:
 1. Required module: 5 ECTS
 2. Required module : 4 ECTS
 3. Required module : 4 ECTSIn total: 13 ECTS in the required modules

Structure of the master's program in Civil Engineering

Personalized Specialization Subject

Only the corresponding form is accepted for the Personalized Specialization Subject.

Please send it to Manuela Schillo

m.schillo@tum.de


<https://wiki.tum.de/pages/viewpage.action?pageId=876675571>


Wahl der Querschnittsvertiefung im
TUM Master Bauingenieurwesen/
Choice of the Personalized Specialization Subject
of the master's program in Civil Engineering


Name, Vorname/
Surname, First Name

Matrikelnummer/
Registration Number

Vertiefungsfächer/
Area of Specialization

1. 

2. 

3. 

Modulnummer/ Module ID	Prüfungsmodul/ Examination module	Lehrstuhl/ Chair	ECTS/ Credits	P/R*	W/E*

* nach Absprache mit dem Leitfach-Mentor festgelegt; mindestens 12 Pflicht- und mindestens 9 Wahlkredit/ is determined after agreement with the main subject mentor; at least 12 Credits of the Required Modules and at least 9 Credits of the Elective Modules

Summe ECTS / Total Credits			
-------------------------------	--	--	--

Datum/ Date

Unterschrift Student/In/ Signature Student

Structure of the master's program in Civil Engineering

Personalized Specialization Subject

Wahl der Querschnittsvertiefung im
TUM Master Bauingenieurwesen/
 Choice of the Personalized Specialization Subject
of the master's program in Civil Engineering

Name, Vorname/
Surname, First Name

Matrikelnummer/
Registration Number

Vertiefungsfächer/
Area of Specialization

1.

2.

3.

Modulnummer/ Module ID	Prüfungsmodul/ Examination module	Lehrstuhl/ Chair	ECTS/ Credits	P /R*	W/ E*

Main Subject

Personalized Specialization

Structure of the master's program in Civil Engineering

Choice of specialization

- Combinations related to the future job
- Subjects that comply with your personal interests and preferences

Motivation:

Where are my strengths and interests?

What kind of work will I do?

Where / how can I learn it best at the university?

Do the chosen subjects fit together?

Job prospects?

Is there any sympathy to the chairs?


Structure of the master's program in Civil Engineering

I want to change my choice of specialization

- Within the first Master's semester, a change of specialization is possible without the consent of the main subject. Please fill in the form and send it to Manuela Schillo m.schillo@tum.de
- From the second semester onwards, a change of specialization is only possible with the consent of the main subject. Send the form with the signature of the main subject to Ms Schillo m.schillo@tum.de
- **Attention: Those who were registered for the examination of a required module of a specialization and have not deregistered or have not passed must first pass this module before a change is possible!**

DER VORSITZENDE DES PRÜFUNGSAUSSCHUSSES
FÜR DIE DIPLOM-, BACHELOR- UND MASTERPRÜFUNG
IM BAUINGENIEURWESEN

UNIV.-PROF.DR.-ING. STEPHAN FREUDENSETIN



TECHNISCHE
UNIVERSITÄT
MÜNCHEN

**Änderung der Vertiefungsfachkombination/
Changing the combination of the Specialization Subject**

Name, Vorname/
Surname, First Name

Matrikelnummer/
Registration Number

Email

Hiermit melde ich mich gemäß der Prüfungsordnung für Bauingenieure (Master-FPSO 2016+2018+2019) zu folgender geänderten Vertiefungsfächerkombination an:
I hereby register in accordance with the examination regulations for civil engineers (Master-FPSO 2016+2018+2019) for the following changed combination of the Personalized Specialization subject:

1. Leitfach/
Main subject

2. Vertiefungsfach/
Area of Specialization

3. Vertiefungsfach/
Area of Specialization

4. Vertiefungsfach/
Area of Specialization

Die Zulässigkeit der gewählten Kombination wird von dem jeweiligen Leitfach geprüft. Änderungen an der Vertiefungskombination sind nur in Beratung und in Abstimmung mit dem festgelegten Leitfach möglich. Ein Wechsel des Leitfaches ist nur nach Abstimmung mit beiden betroffenen Lehrstühlen möglich. Alle Änderungen müssen dem Prüfungsausschuss schriftlich mitgeteilt werden.
The admissibility of the chosen combination will be checked by the respective Main Subject. Changes to the combination of Specializations are only possible in consultation and in agreement with the chosen Main Subject. A change of the Main Subject is only possible after consultation with both chairs involved. All changes must be notified in written form to the examination board.

München, den

.....
Unterschrift Leitfach/ Signature Main Subject

.....
Unterschrift Studentin/ Signature Student

<https://wiki.tum.de/pages/viewpage.action?pageId=876675571>

Structure of the master's program in Civil Engineering

6 ECTS from the whole range of the TUM (Supplementary Subjects):

- whole range of the TUM
- Language courses:
 - English Courses only higher levels than submitted for the application
 - German Courses from level B2
 - All other languages: from A1.2 range
 - Other courses depend on the native language. Courses in the native language are not counted.
 - **Requirement:** Any module in German until the end of the 2nd semester!
- Carl von Linde Akademie
- Modules from abroad

<https://www.sprachenzentrum.tum.de/sz/startseite/>

You must register for the supplementary subjects as a free subject!

TUM Language Center
Technical University of Munich

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Language courses in winter semester 2025/2026

[DATES&DEADLINES](#), [LATEST](#), [LANGUAGES](#) | 15.09.2025

The **program** for the language courses in winter semester 2025/2026 is available in TUMonline **from 15.09.2025**.

The **registration period** is **01.10.2025-13.10.2025**.

The language courses will start in the week of October 20, 2025 (i.e. one week later than the official start of lectures).

More information

[Registration](#)

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<https://www.sprachenzentrum.tum.de/sz/startseite/>

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Certificate: German for Engineers B2/C1

The program is aimed at international students who want to work as engineers in Germany or with a connection to Germany. We help you supplement your already good knowledge of German with technical language, job-related and intercultural skills. With the certificate, you can show future employers that you have prepared yourself optimally for the German labor market.

Requirements for participation

You can participate in the program if ...

- you are an **international student in a Bachelor's or Master's degree program or a doctoral candidate in the field of engineering** (no exchange students) and
- you have **good or very good German language skills** (level B2.1 and above).

Program structure

The program consists of three modules and the two evening events:

Technical German B2/C1	+	Communication at Work	+	Intercultural Communication	=	Certificate
1. German for specific purposes						+
2. Communication at work						+
3. Intercultural competence						+
Events with the The Association of German Engineers (VDI) and Alumni of the program						+

The courses are offered every semester, so that you can 'join in' at any time and easily complete the required coursework in two semesters alongside your studies. There is no need to follow a specific sequence. However, it makes sense to proceed in the order listed above.

Structure of the master's program in Civil Engineering

6 ECTS from the whole range of the TUM (Supplementary Subjects):

By activating the "inact. nodes" all supplementary subjects can be displayed which were occupied in the past

Go to
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 Academic year: 2019/20

Curriculum
Academic year 2019/20

Node filter-Name	Part of the Curriculum	rec. sem.	Credits	WF
[20191] Master Civil Engineering	Yes		120	1
actual Credits of Required Modules	No		48	1
actual Credits of Elective Modules	No		36	1
actual Credits of Supplementary Subjects	No		6	1
Areas of Specialization	Yes		72	1
Catalogue of Elective Modules	Yes		1	
Supplementary Subjects	Yes		6	1
[VK] [AR17042] Historic Structures	Yes		3	1
[VK] [AR17041] Climate responsive Building II	Yes		3	1
[VK] [BGU900010] Partner University - Elective Module	Yes		1	
[VK] [WZ4218] Apiology	Yes		5	1
[VK] [BGU900015] Partner University - Elective Module	Yes		3	1
[VK] [BGU900016] Partner University - Elective Module	Yes		3	1
[VK] [BGU900011] Partner University - Elective Module	Yes		1	
[VK] [BGU900012] Partner University - Elective Module	Yes		1	
[VK] [BGU900013] Partner University - Elective Module	Yes		1	
[VK] [BGU900014] Partner University - Elective Module	Yes		3	1
[VK] [WZ2003] Biochemistry 2: Metabolism	Yes		3	1
[VK] [BV470017] Advanced GIS for Environmental Engineering - Applications	Yes		3	1
[VK] [MW0174] Building Aerodynamics	Yes		3	1
[VK] [CH1120] General and Inorganic Chemistry	Yes		3	1
[VK] [BGU38019] Anaerobic Processes and Energy Recovery	Yes		3	1
[VK] [AR17003] Applied Planning and Building Legislation	Yes		3	1
[VK] [BGU37016] Optimization of building materials for practical applications	Yes		3	1
[VK] [WI001111] Applied Strategy and Organization: Strategies for international Corporations	Yes		6	1
[VK] [SZ0118] Arabic A1.1	Yes		3	1
[VK] [SZ0119] Arabic A1.2	Yes		3	1
[VK] [SZ0120] Arabic A2.1	Yes		3	1
[VK] [SZ0108] Arabic B1.1	Yes		3	1
[VK] [AR30049] Architecture in Extreme Environments I: Outer Space, Desert, Water	Yes		3	1
[VK] [BV630004] Reports on Research and Engineering	Yes		2	1
[VK] [BV340015] Railway module	Yes		3	1
[VK] [BGU6500872] Computation in Civil and Environmental Engineering Supplementary Module	Yes		5	1
[VK] [BV000058] Construction Economics I	Yes		3	1
[VK] [BV000064] Construction Economics II	Yes		3	1

Progress review

APSO §10:

In the master's program you have to achieve

1. by the end of the third semester at least **30 credits**,
2. by the end of the fourth semester at least **60 credits**,
3. by the end of the fifth semester at least **90 credits**,
4. by the end of the sixth semester at least **120 credits**.

The curriculum provides 30 credits per semester to complete the master's degree in the standard period of study.

1 Required Modul must be passed until the end of the 2nd semester !!!

Scholarships by Roland Mall Foundation

Three scholarships will be awarded talented students in the areas of water and environment (**Master Civil Engineering and Environmental Engineering TUM**)

The scholarship awardee will be supported as follows:

- The scholarship amount is €500 per month.
- The maximum duration of the scholarship corresponds to the regular study time needed to complete the Master's Degree.
- The start of the scholarship will be at the time of the official scholarship award.

Information:

<https://www.tum.de/en/studies/fees-and-financial-aid/scholarships/other-scholarships>

Application deadline: 31 October 25 <mailto:b.helmreich@tum.de>

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With an international and interdisciplinary orientation, the Oskar von Miller Forum provides a programme scholarship with place of residence to students of architecture, civil and environmental engineering and construction technicians.



<https://www.oskarvonmillerforum.de/en/application/>

Thank you for your attention and
a good start in your master's program!