



QTEM Masters Network

**Quantitative Techniques for Economics
and Management**

QTEM's DNA



Excellence

min. GMAT
score 650



Quantitative & analytical

min. 50% ECTS



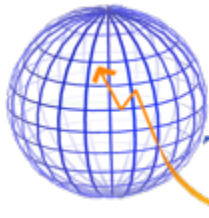
International

3+ countries



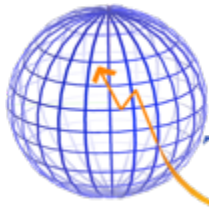
Professional Experience

min. 2 months



TEM - Master in Quantitative Techniques for Economics & Management

- Elite network of currently 23 partner universities and appx. 15 business partners worldwide
- Target group: Master students in MMT with interest in quantitative education
- Procedure: 1st + 2nd semester at TUM; 3rd + 4th semester for 1 semester abroad at an academic QTEM partner and in one further country for an internship of minimum 4 months duration; 4th/5th semester Master thesis at TUM
- Duration of stay: maximum 1 year (3rd and 4th semester) in two different countries for internship and study
- Successful QTEM Students are earning the **QTEM Degree together with the “Master of Science” degree** from TUM.
- <http://www.qtem.org/>
- <http://www.wi.tum.de/student-life/joint-international-programs/>



TEM - Master in Quantitative Techniques for Economics & Management

- **Application deadline: 1th of December 2018**
score (at least 600) required!!

GMAT

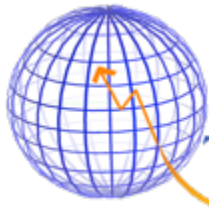
- Application Documents:

- GMAT / GRE (min. 600; taken within last 3 years; **possible to submit until March**)
- 5 preferences from QTEM Partner universities
- Bachelor Degree
- Abitur / Baccalaureate / A level certificate
- DAAD Language Test English (C1 or higher) or equivalent
- Letter of motivation in English (max. 1½ pages)
- CV
- Matriculation certificate
- Current Transcript of Records (Bachelor's program Management and Technology in 7th semester)



- Application Procedure:

two-step process (preselection according to application documents and interview)



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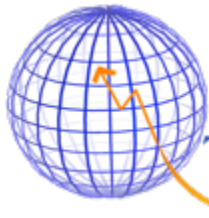
GMAT (1/3)

Why should you take the GMAT test?

- To have access to **QTEM** but also to ...
- ... thousands of MBA & Masters programs offered by business schools all around the world
- To challenge yourself

Why does QTEM require the GMAT test?

- To identify and recruit high-potential analytically-skilled QTEM Participants
- To give a signal (program reputation) to
 - Corporate Partners
 - Partner Universities
 - The “Club” of QTEM Participants (including future alumni network)
- To provide an internationally-comparable and globally-recognized standard



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GMAT (2/3)

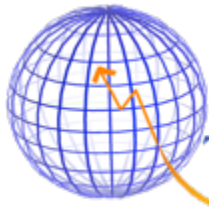
The GMAT general revised test has 4 steps:

1. Schedule a GMAT appointment

- Appointment on the official websites <https://www.mba.com/global>
- Price: 250 USD + local taxes
- Make your appointment as early as possible in order to meet your deadlines (not all dates are available for tests)
 - Appointment rescheduling is possible if requested at least seven days before the appointment and costs 50 USD + local taxes

2. Prepare yourself

- Do not go blind to the test, **prepare for the test and train yourself early enough!**
- Preparation materials are available, check:
 - ✓ The official GMAT websites (free material available)
 - ✓ Dedicated training books, websites, ...



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GMAT (3/3)

3. Take the GMAT test

- Parts: Quantitative Section + Verbal Reasoning (+ Analytical Written Assessment + Integrated Reasoning)*
- Duration: 3 hours 30 min
- Assessment center: <https://www.mba.com/global/the-gmat-exam/register.aspx#tab2>
Select your school code upon completion of the test

4. Improve your score if you want

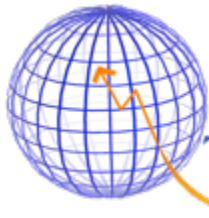
- You can take GMAT or test once every 31 calendar days and no more than five times in a 12-month period



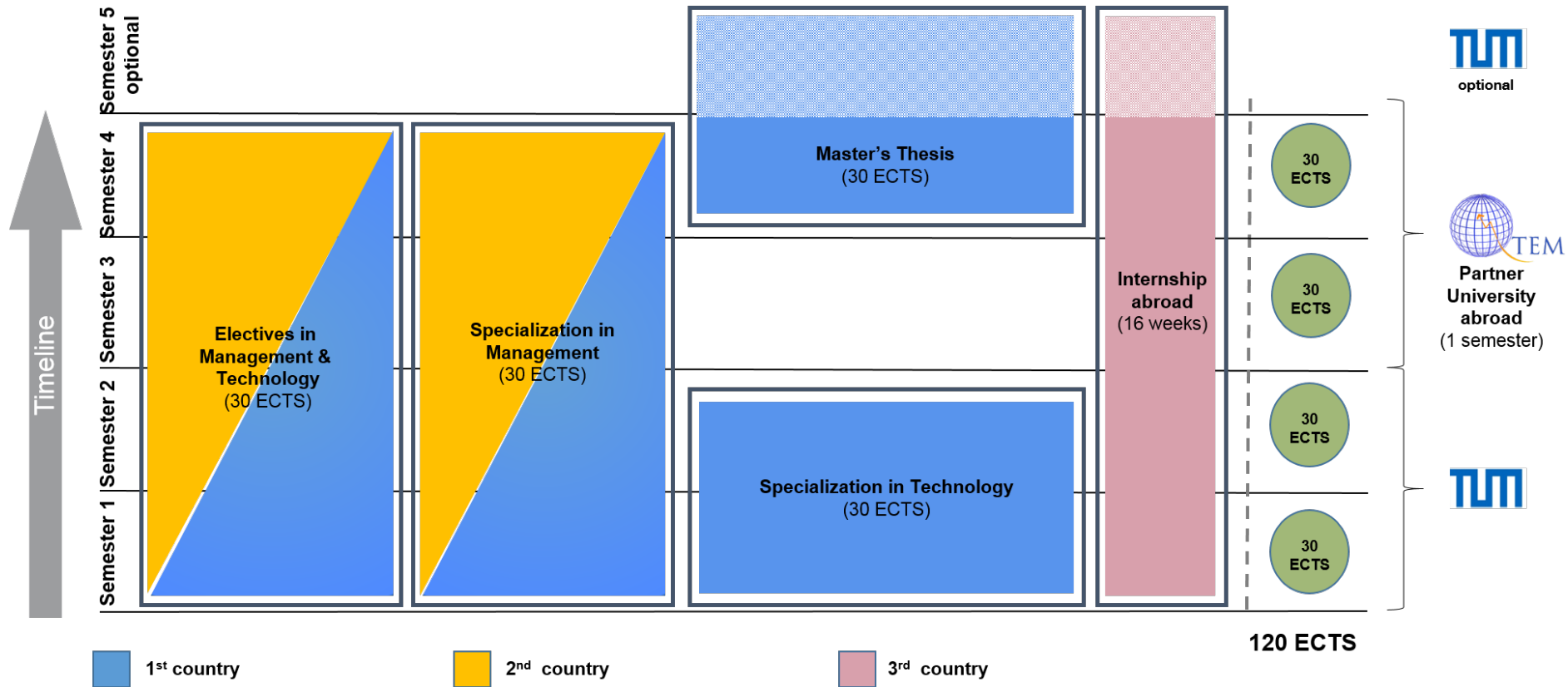
→ **Plan and prepare your GMAT!!**

→ **Do not forget that your final GMAT score influences the ranking of the School!**

* Only the quantitative section and verbal section will count for the final GMAT/GRE score



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TEM Academic Partners (current)



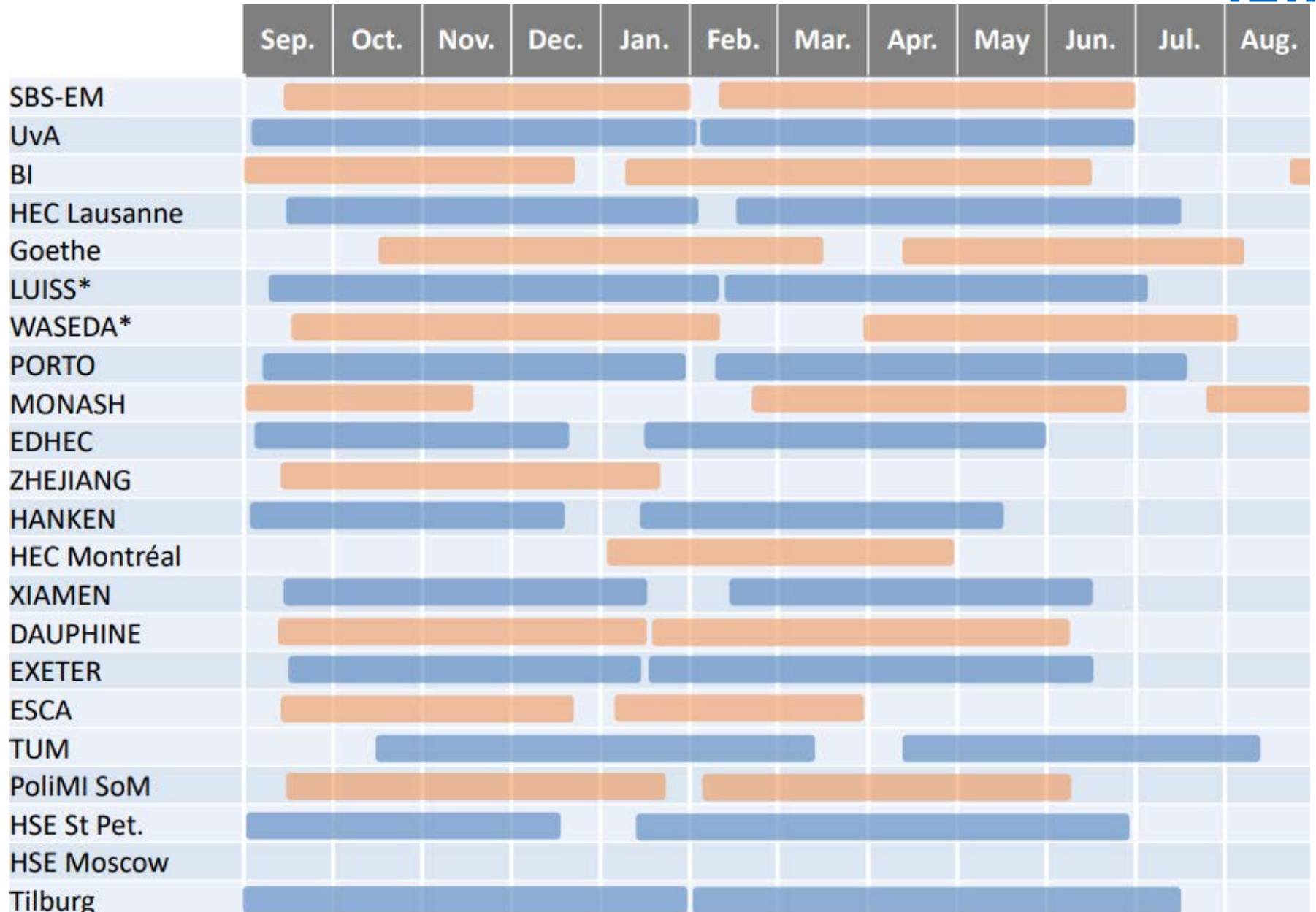
1. Amsterdam  UNIVERSITY OF AMSTERDAM
2. Brussels  Solvay Brussels School
Economics & Management
3. Casablanca  ESCA
Ecole de Management
4. Coventry  wbs
5. Exeter  UNIVERSITY OF EXETER | BUSINESS SCHOOL
6. Frankfurt  GOETHE UNIVERSITÄT
FRANKFURT AM MAIN
7. Hangzhou  浙江大学管理学院
SCHOOL OF MANAGEMENT
ZHEJIANG UNIVERSITY
8. Harbin 
9. Helsinki  HANKEN
10. Lausanne  Unil
UNIL | Université de Lausanne
HEC Lausanne
11. Melbourne  MONASH University
12. Milano  POLITECNICO
MILANO 1863
13. Montreal  HEC MONTRÉAL
14. Moscow & St Petersburg  HIGHER SCHOOL OF ECONOMICS
NATIONAL RESEARCH UNIVERSITY
15. Munich 
16. Nice  EDHEC
BUSINESS SCHOOL
17. Paris  DAUPHINE
UNIVERSITÉ PARIS



18. Oslo  BI NORWEGIAN
BUSINESS SCHOOL
19. Porto  FEUP
FACULDADE DE ECONOMIA
UNIVERSIDADE DE PORTO
20. Rome  LUISS

21. Tilburg  TILBURG UNIVERSITY
22. Tokyo  WASEDA
UNIVERSITY
23. Xiamen  厦门大学管|理|学|院
SCHOOL OF MANAGEMENT, XIAMEN UNIVERSITY

Academic calendars



* The Fall semester may finish earlier depending on student choices related to exams



TUM Corporate Partners (current)



Why QTEM ?

Opportunities

Knowledge:

- Program of top quality: the **most relevant courses** from the **best schools**
- Strong **quantitative background adapted to decision-making**
- **Attractive specializations opportunities** through QTEM Modules
- **English fluency**

Network:

- **International experience**: two semesters abroad at two different Academic Partners
- **Exposure to top students from leading Universities globally**
- **Corporate exposure** through the QTEM internship and the network of QTEM Corporate Partners
- **Growing network** of Academic Partners, Corporate Partners and Alumni

Career & reputation:

- **Specific job & internship offers** by the QTEM Corporate Partners, accessible online to the QTEM Students
- **Online CV** available to QTEM Corporate Partners
- Privileged access to **attractive jobs** in multinationals and public institutions, **in an international context**

All QTEM students should successfully complete a given amount of **quantitative courses** during their QTEM Master's program:

- a minimum of **50%** of the credits of the Master's program **overall*** should consist of successfully completed quantitative courses.
- AND
- a minimum of **22** QTEM credits of quantitative courses at **QTEM exchange** should be successfully completed,
 - **Quantitative courses** are those rated “highly quantitative” or “semi-quantitative” in the QTEM courses database. <http://www.qtem.org/>

All QTEM students should successfully complete at least **one QTEM Module**.

- A **QTEM Module** is a recognition of a topic / functional specialization awarded to a QTEM student upon successful completion of a minimum of 20 QTEM credits of courses in the same QTEM Module, during the QTEM Master's program.



QTEM is quantitative - QTEM Modules (as of Nov 2017)

The QTEM Modules (maximum two) appear on the QTEM Degree:

QTEM Modules	QTEM Sub-Modules (as per the QTEM course database*)
1. Finance and Risk Management	1) Controlling & Accounting 2) Finance - Actuarial Sciences 3) Finance - Banking and Management of Financial Institutions 4) Finance - Corporate Finance 5) Finance - Financial Markets and Derivatives 6) Risk Management
2. Applied Economics and Public Policy	1) Microeconomics, Contract & Auction Theory 2) Policy-Making, Regulation and Pricing 3) Tax Management and International Optimization Strategies 4) Macroeconomic Models and Forecasting, Computational Economics
3. Innovation and Strategy	1) Entrepreneurship 2) Strategy; Industrial Organization; Applied Game Theory
4. Marketing and Supply Chain	1) Marketing and Sales 2) Supply Chain, Operations and Logistics Management
5. Business Intelligence and Big Data	1) Quantitative Techniques & Tools 2) Business Intelligence
Others**	1) Society and Culture

* Information accessible on-line on www.qtem.org.

** Residual category (cannot become a QTEM Module on the QTEM Degree).

You can find your contact person here:

TUM SOM International Office

Contact persons:

Program Manager: Ms. Ute HELFERS

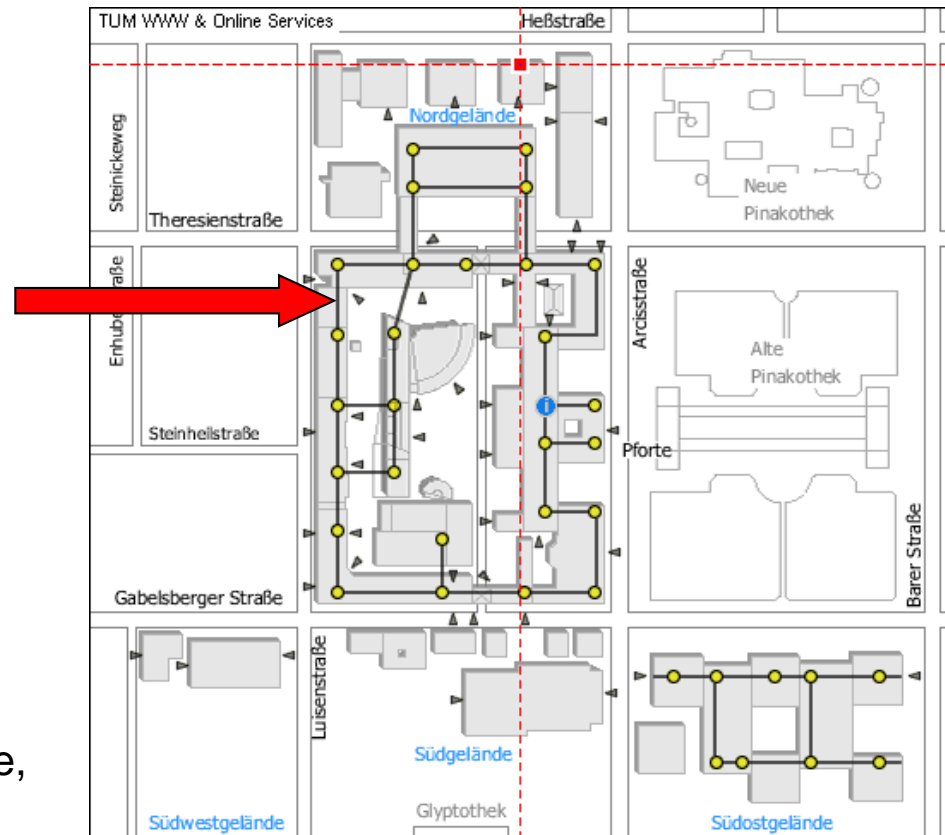
Program Assistant: Ms. Sanne VERHEIJ

Tuesday from 9 am - 12 pm
(Appointment via E-Mail!)

Email: ute.helfers@wi.tum.de
sanne.verheij@tum.de

<https://www.wi.tum.de/student-life/joint-international-programs/>

Corner of Luisenstrasse / Theresienstrasse,
1st floor, room 1546



Application deadline: 1th of December 2018