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
- 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: 1\textsuperscript{st} + 2\textsuperscript{nd} semester at TUM; 3\textsuperscript{rd} + 4\textsuperscript{th} semester for 1 semester abroad at an academic QTEM partner and in one further country for an internship of minimum 4 months duration; 4\textsuperscript{th}/5\textsuperscript{th} semester Master thesis at TUM

- Duration of stay: maximum 1 year (3\textsuperscript{rd} and 4\textsuperscript{th} semester) in two different countries for internship and study

- Successful QTEM Students are earning the \textbf{QTEM Degree} together with the \textit{“Master of Science” degree} from TUM.

- [http://www.qtem.org/](http://www.qtem.org/)

- Master in Quantitative Techniques for Economics & Management

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

- 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)
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
The GMAT general revised test has 4 steps:

1. **Schedule a GMAT appointment**
   - Appointment on the official websites [https://www.mba.com/global](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, …
3. **Take the GMAT test**
   - Parts: Quantitative Section + Verbal Reasoning (+ Analytical Written Assessment + Integrated Reasoning)*
   - Duration: 3 hours 30 min
     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
- Master in Quantitative Techniques for Economics & Management
1. Amsterdam
2. Brussels
3. Casablanca
4. Coventry
5. Exeter
6. Frankfurt
7. Hangzhou
8. Harbin
9. Helsinki
10. Lausanne
11. Melbourne
12. Milano
13. Montreal
14. Moscow & St Petersburg
15. Munich
16. Nice
17. Paris
18. Oslo
19. Porto
20. Rome
21. Tilburg
22. Tokyo
23. Xiamen
### Academic calendars

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* The Fall semester may finish earlier depending on student choices related to exams.
Corporate Partners (current)

- Deloitte
- equinor
- Gjensidige
- EY
- FIRM
- McKinsey & Company
- Millennium
- optiver
- ORTEC
- Santander
- SAS
- Sia
- SOLVAY
- VW
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/](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.

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*Including credits from the **QTEM exchange** but excluding credits from the Master's thesis, if applicable.
The QTEM Modules (maximum two) appear on the QTEM Degree:

<table>
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<tr>
<th>QTEM Modules</th>
<th>QTEM Sub-Modules (as per the QTEM course database*)</th>
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| 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) 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  |


** 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: 1st of December 2018