QTEM – Masters Network

Quantitative Techniques for Economics & Management

QTEM is an elite network of currently 22 top schools of Economics and Management and approx. 15 business partners worldwide.

The QTEM Masters Network educates decision-makers recognized as:

- Highly skilled with **analytical and quantitative techniques**
- Experienced in addressing concrete **business and policy challenges**
- Comfortable in **international** settings

**Target group:** Students of Master in Management & Technology (MMT)

with interest in quantitative techniques
(“Finance & Accounting” OR “Economics & Policy” OR “Operations & Supply Chain Management”)

**Number of places:** 10

**Length of stay abroad:** 2 different stays abroad (study abroad and internship abroad)

**Expected final qualification:** „Master of Science"

Successful QTEM Students are earning the QTEM Degree together with the Master’s degree from TUM.

**Language of instruction:** English

**Application deadline:** 1st December

**Documents to be submitted:**

- GMAT / GRE
  - min. 600
  - taken within the last 3 years
  - possible to submit it until end of February
- 5 preferences from QTEM Partner Universities (global)
- Abitur / Baccalaureate / A level certificate
- Bachelor degree
- DAAD Language Test English (C1 or higher) or equivalent (taken within the last 1,5 years)
- Letter of motivation in English (max. 1½ pages)
- CV
- Matriculation certificate
- Current Transcript of Records (Bachelor’s program in Management and Technology in 7th semester)
Please send your application documents via e-mail to ute.helfers@wi.tum.de. Subject line: application for QTEM_"your name"

You will receive (electronic) confirmation of receipt of your documents at the latest on the following working day. It is not possible to submit further documents after the application deadline.

Selection procedures:
The pre-selection is made on the basis of the submitted documents. A rejection or an invitation to interview will be sent to the candidates by e-mail in December/January.

An additional application for the exchange program „TUM SOMex (incl. ERASMUS)“ is possible. In the case of successful nomination for the QTEM Masters Network the application for the “TUM SOMex (incl. Erasmus)” is automatically annulled.

Pre-selected QTEM candidates are announced by TUM-SoM International Office in February.

- With GMAT score \( \geq 650 \) → guarantee to stay in the QTEM selection
- Without GMAT score or with score <650 → no guarantee to stay in the QTEM selection
- Remember that:
  - o the school can in no circumstance select you for QTEM if your GMAT score does not reach 600
  - o Only a limited number of « exceptional students » with a score between 600 and 650 can be accepted in the QTEM

Tip: take your GMAT test early!

Program structure:

TUM-students of the Master in Management and Technology (MMT) with interest in quantitative education (e.g. Finance & Accounting, Economics and Policy, Operations and Supply Chain Management) are eligible for the QTEM Master’s Program. The student will follow an individual study plan, which has to be approved by the program coordinator at TUM.
The students will study the first and the second semester at TUM. Students should take completely the “Specialization in Technology” and parts of the “Elective in Management & Technology” and the “Management Specialization” in the first year at TUM (60 ECTS). After their first year at TUM students have accomplished 30 ECTS (Specialization in Management and/or Electives in Management & Technology) at one of the QTEM academic partner institutions in the third or fourth semester.

The Master thesis (30 ECTS) should be undertaken at TUM or abroad with the main supervisor at TUM.

In addition to taking part in the program, students must also complete a 16 week internship. This has to be undertaken in a third country free of choice. In all cases the internship must be undertaken after Bachelor Degree graduation. The QTEM network of company partners gives support in finding an adequate internship, if necessary.

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 (Including credits from the QTEM exchange but excluding credits from the Master's thesis, if applicable.)
- should consist of successfully completed quantitative courses.

AND

- a minimum of 22 QTEM credits of quantitative courses in the 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.

For further information please also refer to the QTEM website: http://www.qtem.org/

FAQs:

Can I also apply for the "TUM SOMex (including Erasmus)"?

Yes, parallel application is possible. Should you receive a nomination for the Double Degree Program, your application for the "TUM SOMex (including Erasmus)" will be automatically annulled.

Where can I take the DAAD Test in English?

Our Language Center offers the DAAD Test in English at regular intervals, free of charge. The dates can be found here.
Do I receive an ERASMUS grant?

If to date you have not yet received an ERASMUS grant (SMS) in your second circle of study (Master’s Program) then after successful nomination you can apply for the ERASMUS grant by the TUM-SoM International Office for QTEM exchanges inside Europe.

When should I apply for the program?

In your 1st semester (winter semester) in the Master in Management and Technology (MMT).

Is it possible to apply for the program after my 1st semester?

It is only possible for students starting the Master in the summer semester before application deadline in the following winter semester. In this case the application has to be done in the 2nd study semester. Usually the program runs than 2 ½ years, because it is only possible to start the year at DTU in winter semester.

Is it possible to apply for the program in my Bachelor’s course?

If you are in the 7th and last semester of your Bachelor program (winter semester) it is possible to apply for the QTEM Master’s network. You have to apply for the Master’s program in Management and Technology (MMT) in the following summer semester. If it would not be possible for you to enroll in the following summer semester in MMT, your QTEM nomination will be automatically annulled.

Last update: October 2017