

QTEM – Masters Network

Quantitative Techniques for Economics & Management

QTEM is an elite network of currently 23 top schools of Economics and Management and approx. 15 business partners worldwide.

The QTEM Masters Network educates decision-makers recognized as:

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

Target group:	Students of Master's in Management & Technology (MMT) with an 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 earn the QTEM Degree together with the Master's Degree from TUM.
Langue of instruction:	English
Application deadline:	1 st 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 outgoing@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.

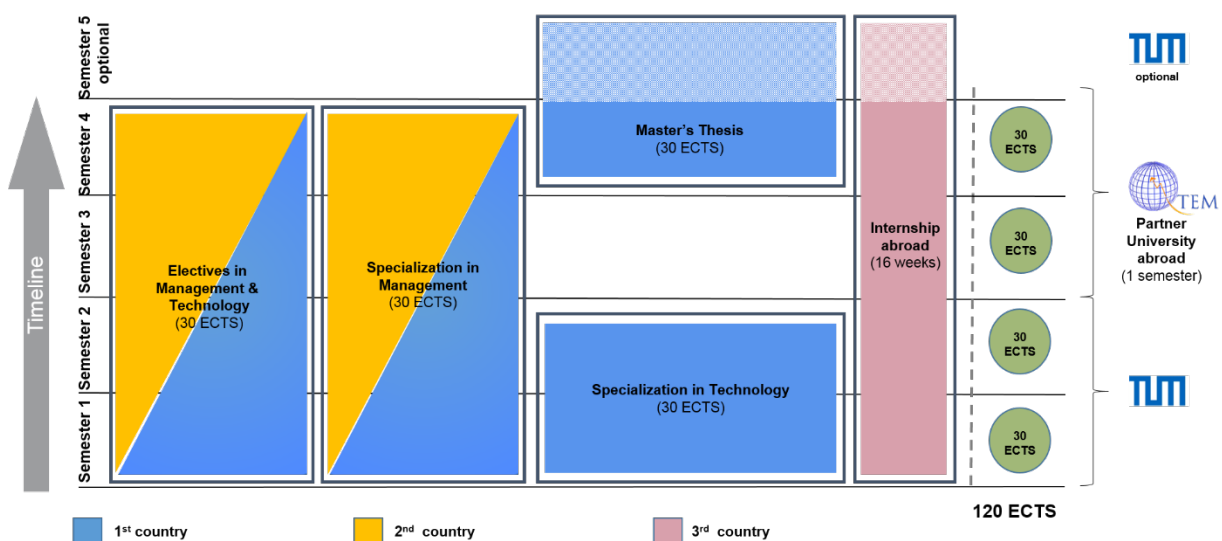
An additional application for the exchange program "TUM SOMex (incl. ERASMUS)" is possible. In the case of successful nomination for the QTEM Masters Network the application for the "TUM SOMex (incl. Erasmus)" is automatically annulled.

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

- With **GMAT score** ≥ 650 \rightarrow guaranteed to stay in the QTEM selection
- Without GMAT score or with score < 650 \rightarrow not guaranteed to stay in the QTEM selection
- Remember that:
 - TUM SOM can under no circumstances select you for QTEM if your GMAT score does not reach 600
 - 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's in Management and Technology (MMT) with an 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 the complete "Specialization in Technology" and parts of the "Elective in Management & Technology" and the "Management Specialization" courses in the first year at TUM (60 ECTS). After their first year at TUM, students will 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's 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 of their own choice. In all cases, the internship must be undertaken after Bachelor's Degree graduation. The QTEM network of company partners offers support in finding an adequate internship, if necessary.

All QTEM students should successfully complete a given amount of Quantitative Techniques 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 Techniques courses.

AND

- a minimum of **22** QTEM credits of Quantitative Techniques 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](#).

Can 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 at 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's 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's program in the summer semester before the application deadline in the following winter semester. In this case the application must be submitted in the 2nd study semester. Usually the program then runs 2 ½ years.

Is it possible to apply for the program during my Bachelor's course?

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

Last update: October 2018