

QTEM selects **outstanding students** from each academic partner

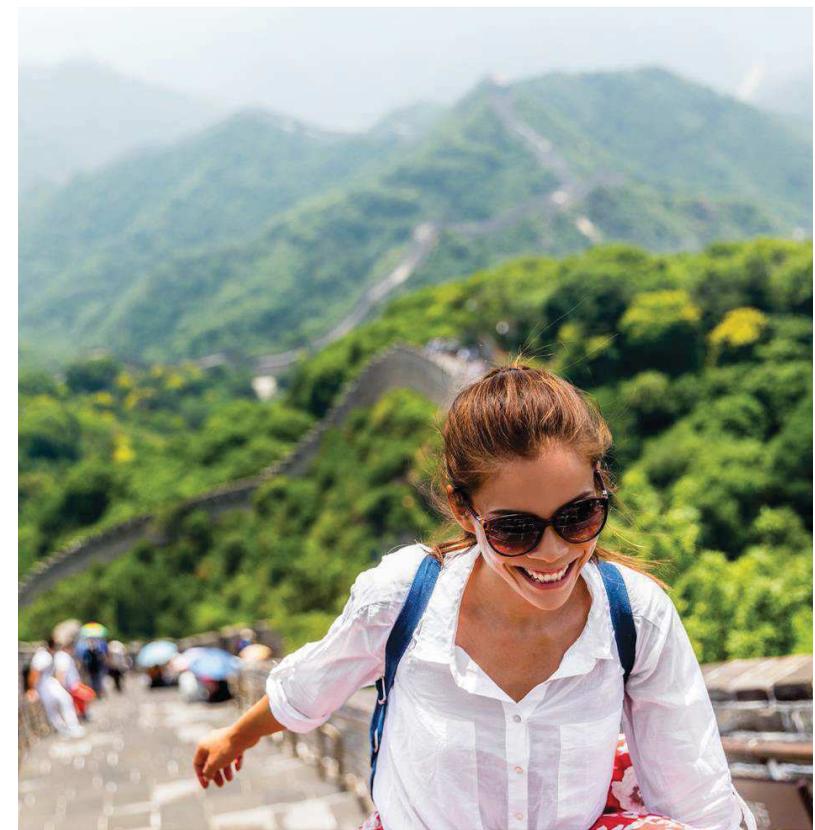


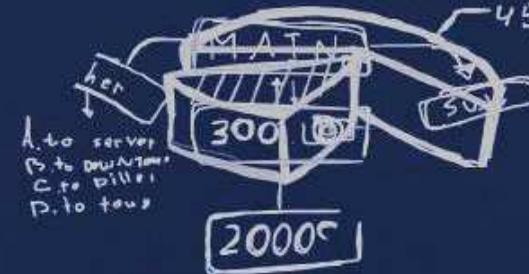
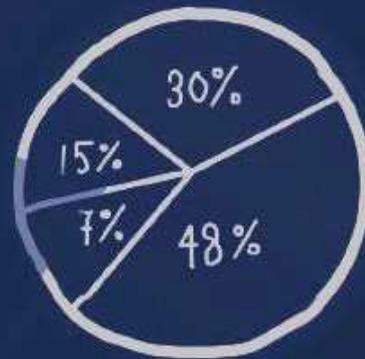
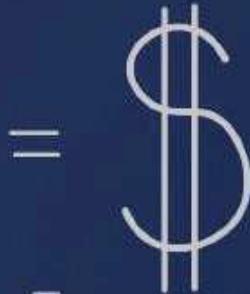
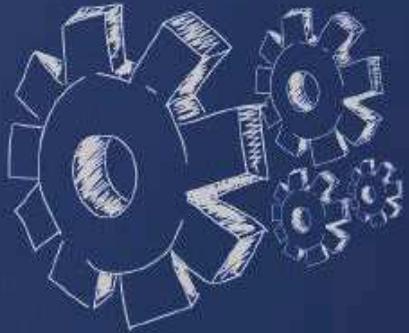
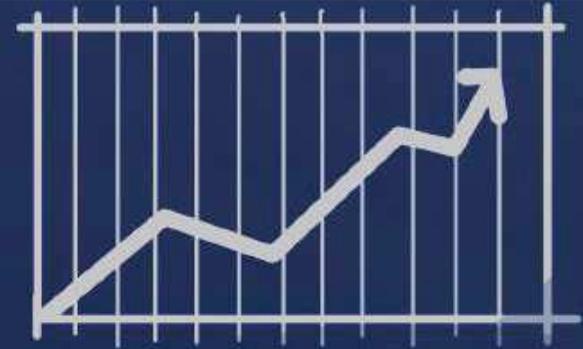
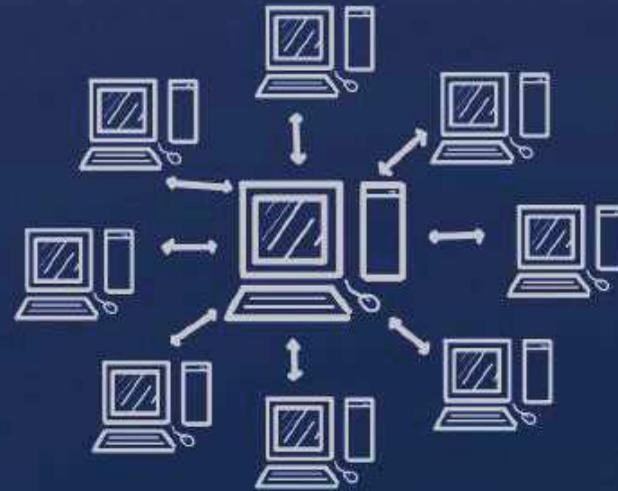
3 +

Your skill set is expanded  
in **three<sup>+</sup> countries**

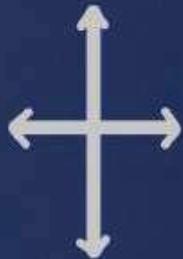


You live and study abroad

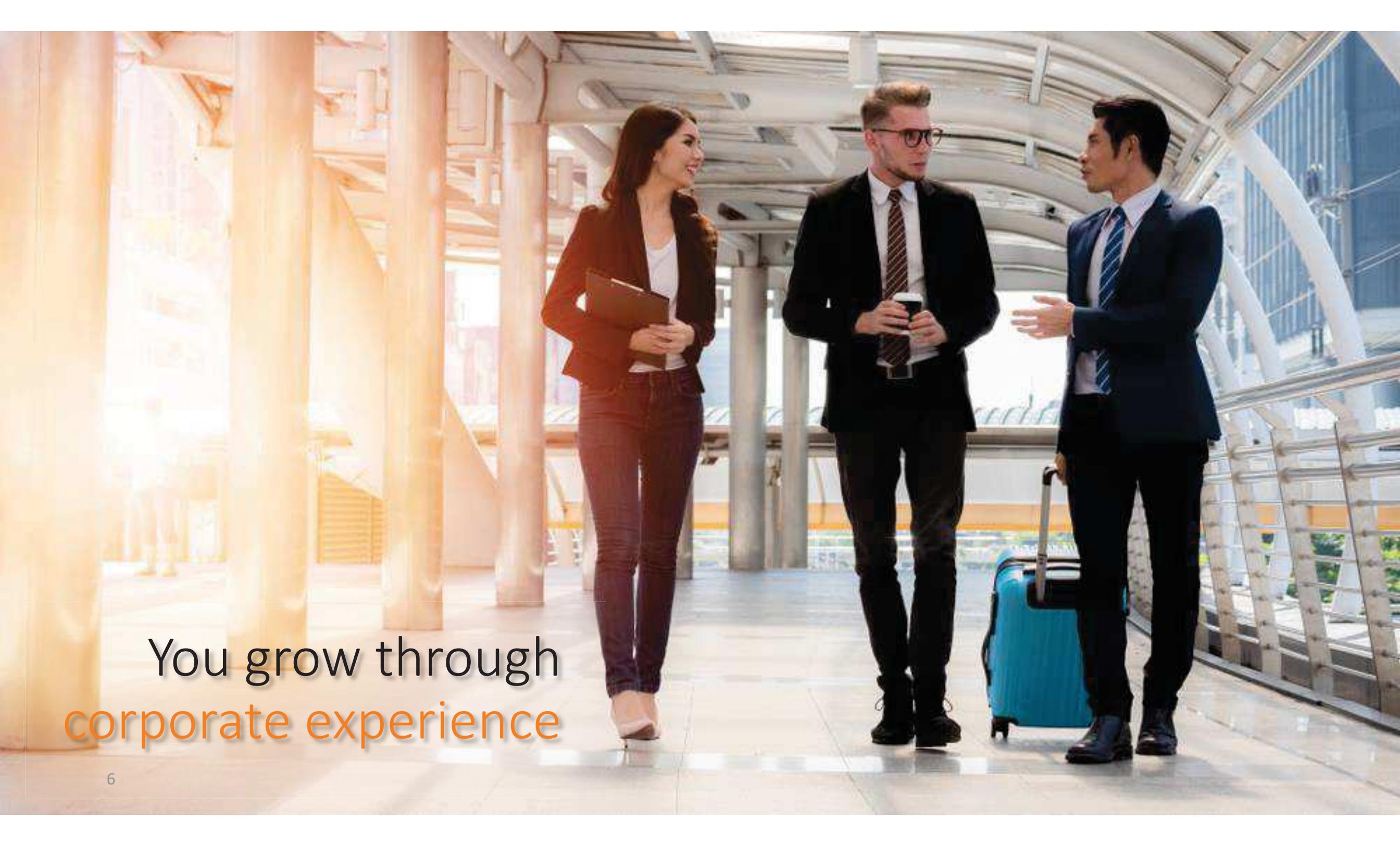




TEAM



you gain  
quantitative and analytical  
training



You grow through  
corporate experience

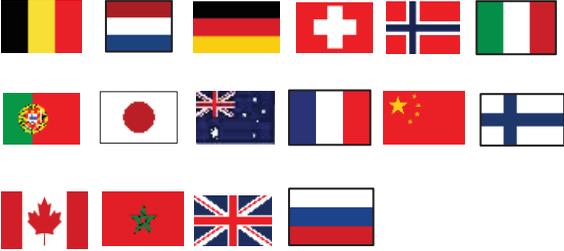
## Why join QTEM?

### A global network

QTEM (Quantitative Techniques for Economics and Management) includes 23 outstanding universities from five continents and corporate partners from various sectors. 41% of our member universities have the Triple Crown accreditation!



16 countries, 5 continents

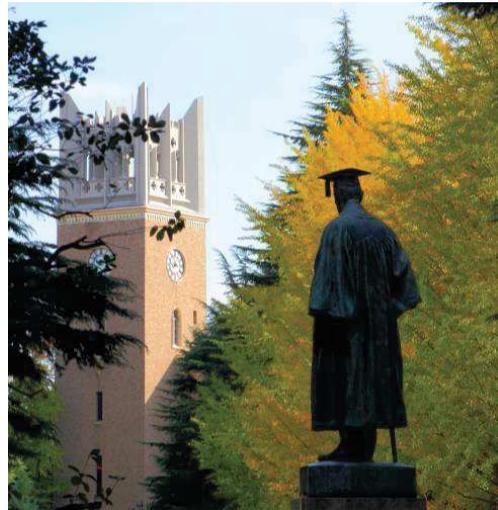


## Why join QTEM?

### Top universities behind the network



More universities join us every year



## Why join QTEM?

### Corporate Partners

Corporate partners interact with out students through recruitment fairs, internship offers, and presence in analytic conferences.



Representatives of SAS, Solvay and McKinsey & Company talking to the students



# QTEM's DNA

Quantitative Techniques for  
Economics & Management



## Excellence

min. GMAT score  
650



## Quantitative & analytical

min. 50% ECTS



## International

3+ countries



## Professional Experience

min. 2 months

## Why join QTEM?

Because the QTEM degree certifies that you:

- ✓ **Are among the best in class:** All QTEM students are outstanding students enrolled in a Masters degree at one of our Academic Partners; meet the GMAT (or GRE equivalent) score requirements; and have been selected through a competitive selection process.
- ✓ **Have International experience:** All QTEM graduates have completed international experiences via exchange and internship opportunities.
- ✓ **Acquired specialized quantitative skills:** All QTEM graduates have successfully completed a minimum of 50 QTEM credits of analytical courses.
- ✓ **Have completed an analytical internship:** All QTEM Graduates have successfully completed a corporate/institutional internship of at least 300 person-hours.



## Your QTEM experience

### Travel/exchanges in the QTEM program



All QTEM students are exposed to **analytical, international experiences**. Exchange destinations are **allocated centrally based on the students' preferences**:

- A centralized process for all QTEM students globally (each semester) ensures a fair destination allocation process and a good mix of QTEM students into the network
- Students state their preferences for destinations (ranking a of minimum *five* preferred destinations)
- Each student's global QTEM ranking depends on the student's local ranking (made by the home university) and on the average **GMAT score**\* of the home university



## Your QTEM experience

### The Academic Calendars



**Plan your exchange:** Some Academic Partners are only open during one semester. Some combinations of exchanges may not be possible.

	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.		
SBS-EM	Orange					Orange								
UvA	Blue					Blue								
BI	Orange				Orange								Orange	
HEC Lausanne	Blue					Blue								
Goethe		Orange						Orange						
LUISS*	Blue					Blue								
WASEDA*	Orange					Orange								
PORTO	Blue					Blue								
MONASH	Orange				Orange								Orange	
EDHEC	Blue				Blue									
ZHEJIANG	Orange					Orange								
HANKEN	Blue				Blue									
HEC Montréal		Orange						Orange						
XIAMEN	Blue					Blue								
DAUPHINE	Orange					Orange								
EXETER	Blue					Blue								
ESCA	Orange				Orange				Orange					
TUM		Blue						Blue						
PolIMI SoM	Orange					Orange								
HSE St Pet.	Blue				Blue									
HSE Moscow	Blue													
Tilburg	Blue					Blue								

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

## Your QTEM experience

### Selecting your analytical courses

- All courses accessible to QTEM incoming students are available on the QTEM website
- Courses can be easily filtered by University, Module, Semester and Academic Year

The screenshot shows a search interface for QTEM courses. It includes the following elements:

- Keywords:** A text input field with the placeholder "Type your keywords here".
- Module:** A dropdown menu with the placeholder "Select module...".
- University:** A dropdown menu with the placeholder "Select university...".
- Semester:** A dropdown menu with the placeholder "Choose semester...".
- Academic Year:** A dropdown menu with the placeholder "2017-2018".
- SEARCH COURSES:** An orange button at the bottom left.
- Rule for course selection:** A blue link at the bottom right.

An arrow points from the text "Reminder of the rules can be founded here" to the "Rule for course selection" link.

Reminder of the rules  
can be founded here

- Each course has a quantitative rating: “highly quantitative” or “semi-quantitative” or “non quantitative”
  - **Quantitative courses** are those rated “highly quantitative” or “semi-quantitative”
- Each course is assigned to at least one module

## Your QTEM experience

### How many quantitative courses to be taken?

- 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
  - A minimum of **22** QTEM credits of quantitative courses **on average per QTEM exchange** should be successfully completed
- 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.



\* Including credits taken at home and during all **QTEM exchanges** but excluding credits from the Master's thesis, if applicable.

## Your QTEM experience

### The Modules

QTEM Modules	QTEM Sub-Modules
<b>1. Finance and Risk Management</b>	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
<b>2. Applied Economics and Public Policy</b>	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
<b>3. Innovation and Strategy</b>	1) Entrepreneurship 2) Strategy; Industrial Organization; Applied Game Theory
<b>4. Marketing and Supply Chain</b>	1) Marketing and Sales 2) Supply Chain, Operations and Logistics Management
<b>5. Business Intelligence and Big Data</b>	1) Quantitative Techniques & Tools 2) Business Intelligence
<b>Others</b>	1) Society and Culture



This sub-division is only to help students to better understand the content of the courses, the 20 ECTS needs to be reach in one QTEM Modules, not in QTEM Sub-Modules



## Your QTEM experience

# The Analytical Internship

Depending on the track chosen, students need to find a long-term or short-term quantitative internship:

### Short-term QTEM internship

- Covers a period of minimum 300 man-hours full-time equivalent
- The timing at the discretion of each QTEM Participant, however the internship must contain at least two consecutive weeks. Can be done during or after the master.
- The minimum duration can be achieved through more than one internship
- Only the internship time done by the student after the start of the Masters will be considered
- QTEM students can choose to validate an internship / job done after the completion of the QTEM Master, provided the internship / job fulfills all the conditions of the QTEM internship
- Can be done at home or abroad
- Does not necessarily bear ECTS credits
- Must be related to a quantitative topic and have a significant analytical content

### Long-term QTEM internship

- Covers a period of minimum 600 man-hours, full-time 7.2.1.1. The minimum duration can be achieved through more than one internship
- Must be validated during the Master
- Must be done abroad
- Bears the same minimum requirements as the (short-term) QTEM internship (e.g., quantitative content)



## Your QTEM experience

# The QTEM DATA CHALLENGE

This yearly, global competition has international teams of QTEM students around the globe work with real information provided by Corporate Partners.



- International teams of 3 QTEM students analyze real word data and present the results to a jury of academic and corporate experts.
- Work with your QTEM classmates around the world for the chance to win great prizes. You and your team will gain visibility towards top companies that will be part of the jury.
- You will have the opportunity to learn analytical tools used in a corporate environment while doing a fun project.

