

Quantitative Techniques for Economics and Management

Join the QTEM program

Tuesday, October 15, 2024
Internef, Auditorium 231, 12:15
Master students

Using analytics to create a better world

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“ Today companies recognize that success with AI and analytics requires not just data scientists but more importantly “translators”:

they ensure that the deep insights generated through sophisticated analytics translate into impact at scale in an organization

Harvard Business Review

“ Forget Data Scientists And Hire A Data Translator Instead?

A data translator is someone who can “talk the talk” of both the executives and the data scientists

Forbes

The QTEM network was created to equip students with these skills

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QTEM PROGRAM — 03

QTEM, the global network involving more than 20 outstanding ranked business schools and universities worldwide



14
countries

4
continents



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QTEM PROGRAM — 04

More than 50% of QTEM Academic Partners are Triple-Crown accredited

Triple-Crown accreditation



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QTEM PROGRAM — 05

QTEM program offer:



Gain **Quantitative and analytical** skills

- GMAT test (for admission)
- Quantitative courses abroad in specific modules
- Data Science training



Get **In-field experience**
Access the network's Corporate Partners

- Activities with QTEM Corporate Partners
- Internship 6-8 weeks
- QTEM Data Challenge



Discover the world
Two semesters abroad at QTEM Academic Partners

- 2 exchanges and other international exposure
- Be part of the QTEM community
- Multicultural collaboration training

✓ **Global Business Analytics Challenge (GBAC)**



Earn the QTEM Degree together with your home Master's Degree

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Gain quantitative and analytical skills

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QTEM PROGRAM — 08

Specialize in top-notch analytical fields

↓ During your exchanges you can access **exclusive courses** at our partner universities in these different modules



Applied
Economics
& Public Policy



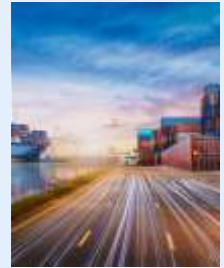
Business
Intelligence
& Big Data



Finance & Risk
Management



Innovation
& Strategy



Marketing
& Supply Chain

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QTEM PROGRAM — 09

Embark into Data Science training (GBAC)



Receive an interactive training in the most used programming languages



Apply the acquired knowledge to practical real cases



Participate to session with experts in the data management industry



Become the link between the data and the business

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In-field experience

Access the network's Corporate Partners

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QTEM PROGRAM — 11

Meet our Corporate Partners through QTEM exclusive activities



In house classes/visits



Job Fairs & academic events



QTEM Data Challenge



Company in the Classroom



Conferences



Online webinars



Job offers

Our Partners →



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Learn by doing, the quantitative internship



- ✓ 6-8 weeks internship
- ✓ Quantitative focus
- ✓ Home or abroad
- ✓ At a QTEM Corporate Partner or any other company / institution

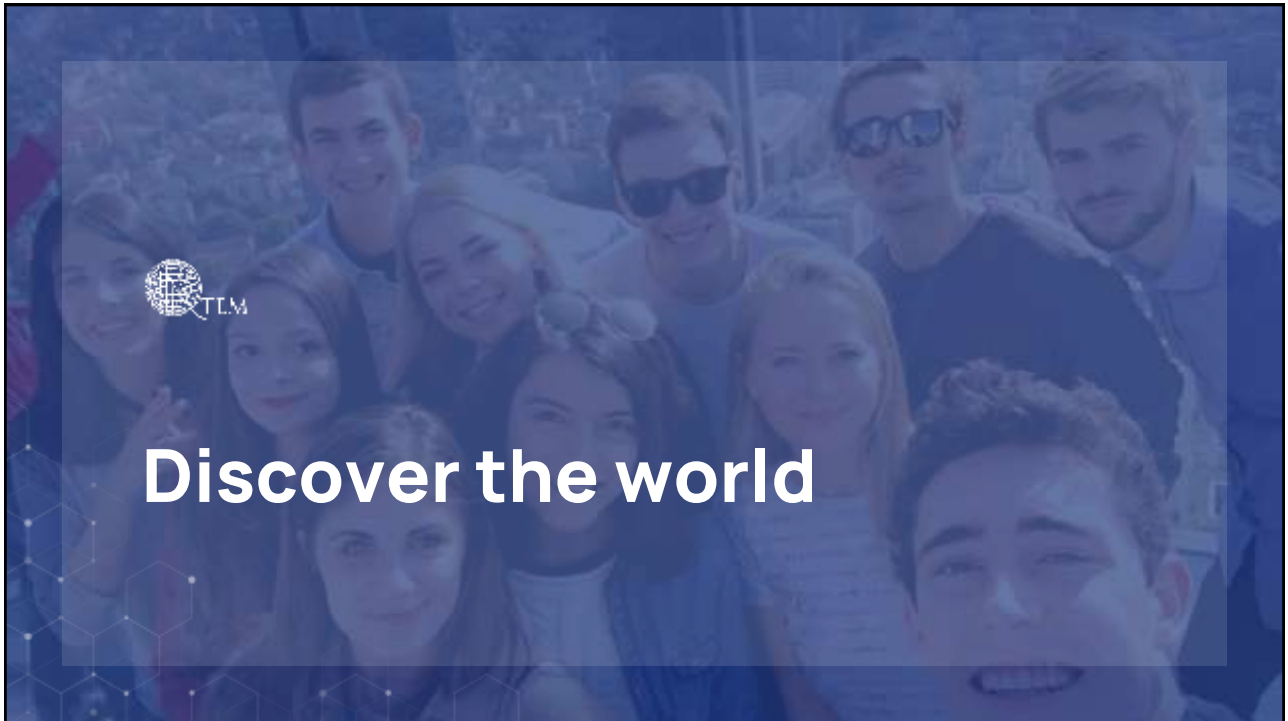


Kim Heijlighen
Tilburg University
QTEM 2019 alumna

“

My internship at EY was the ideal opportunity to get firsthand experience in the consulting field. Not only did I obtain useful knowledge and experience academically and professionally but was also an amazing social experience

”



Discover the world

QTEM PROGRAM — 14

Discover the world

A semester abroad at a QTEM Academic Partner



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QTEM PROGRAM — 15

Level up your soft skills (GBAC)

Stand out in today's work environment

Practice new methodologies and techniques on real-life cases

Topics covered during interactive sessions

- Multicultural management
- Data storytelling
- Effective feedback
- Presentations design and pitch



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Compete in the QTEM Data Challenge (GBAC)

An applied data-driven consultancy project



International groups of 3-4 QTEM students supported by international coaches/experts from Corporate and Academic worlds



Interact with the Company providing the real data set



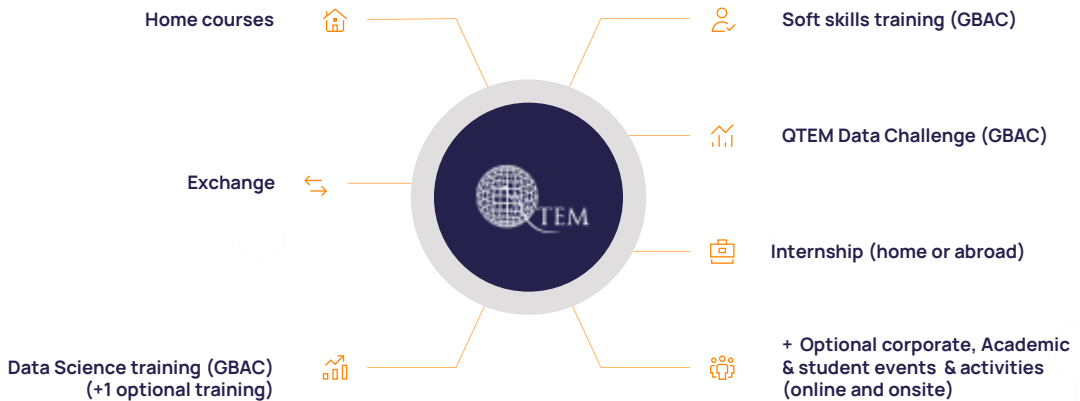
Apply your analytical skills to solve a complex business case



Deliver your Conclusions to a jury of academic and corporate experts



Summary of the different parts of the QTEM program



QTEM PROGRAM — 18

The QTEM experience continues after your graduation

Be part of a growing international community



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The selection process at HEC Lausanne



20 spots
per academic year available

The following Masters give access to QTEM

Earn the QTEM Degree together with these HEC Master's Degrees:

- Master in Economics
- Master in Finance
- Master in Management
- Master in Accounting, Control and Finance



GMAT is a compulsory entry pre-requirement:

≥ 555

GMAT Exam

GRE also accepted

Overall selection criteria

- Academic excellence
- English proficiency
- Quantitative proficiency
- International experience (plus)
- Professional / extra-academic experience (plus)



Your QTEM experience

QTEM Track 1 Exchange: Master in Economics, Finance & Management (120 ECTS)

Minimum 50% quantitative credits (ECTS)				
	SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4
Courses at home + exchange	HEC Lausanne	HEC Lausanne	Exchange	
	+			
GBAC			2 trainings + QDC	OR 2 trainings + QDC
	+			
Internship	Internship			



Graduation

Your QTEM experience

QTEM Track 1 Exchange: Master in Accounting, Control and Finance (90 ECTS)

Minimum 50% quantitative credits (ECTS)				
	SEMESTER 1	SEMESTER 2	SEMESTER 3	SEMESTER 4
Courses at home + exchange	HEC Lausanne	HEC Lausanne	Exchange (22 ECTS) Master's thesis	
+				
GBAC			2 trainings + QDC	
+				
Internship	Internship			



Graduation

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Joining us

The application process and selection timeline – Track 1 Exchange

Application process and deadlines

February 20, 2025	Deadline to submit application
March 15, 2025	Final list of QTEM candidates is confirmed
May 20, 2025	Deadline to submit GMAT/GRE test score
Fall 2025	QTEM exchange

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QTEM PROGRAM — 24

Online application form – deadline February 20, 2025

The online form on [the HEC Intranet](#) opens on January 20, 2025

Contact

Isabelle Schmid

Isabelle.Schmid@unil.ch

- QTEM Student Engagement Form
- Cover letter – max 2 pages
- CV
- Learning agreements, one for each chosen destination
 - Choose at least 4 destinations
- If previous Bachelor studies, copies of all university results & certificates
- GMAT Exam, score > 555; GRE also accepted
- MScCCF: proof of proficiency in English
- Any relevant document

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QTEM Global Info Session

Wednesday November 13, 2024

Morning session: 10:00 (Brussels Time): [Link to registration](#)

Afternoon session: 15:00 (Brussels Time) : [Link to registration](#)

unil
HEC EUROPE

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Thanks!

Join the QTEM
community today

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QTEM

