

QTEM

INFO SESSION

Why Join the QTEM Masters Network?

Wednesday October 14, 2020
Internef, Auditorium 232, 12:15
Bachelor students

“Using analytics to
create a better world,,



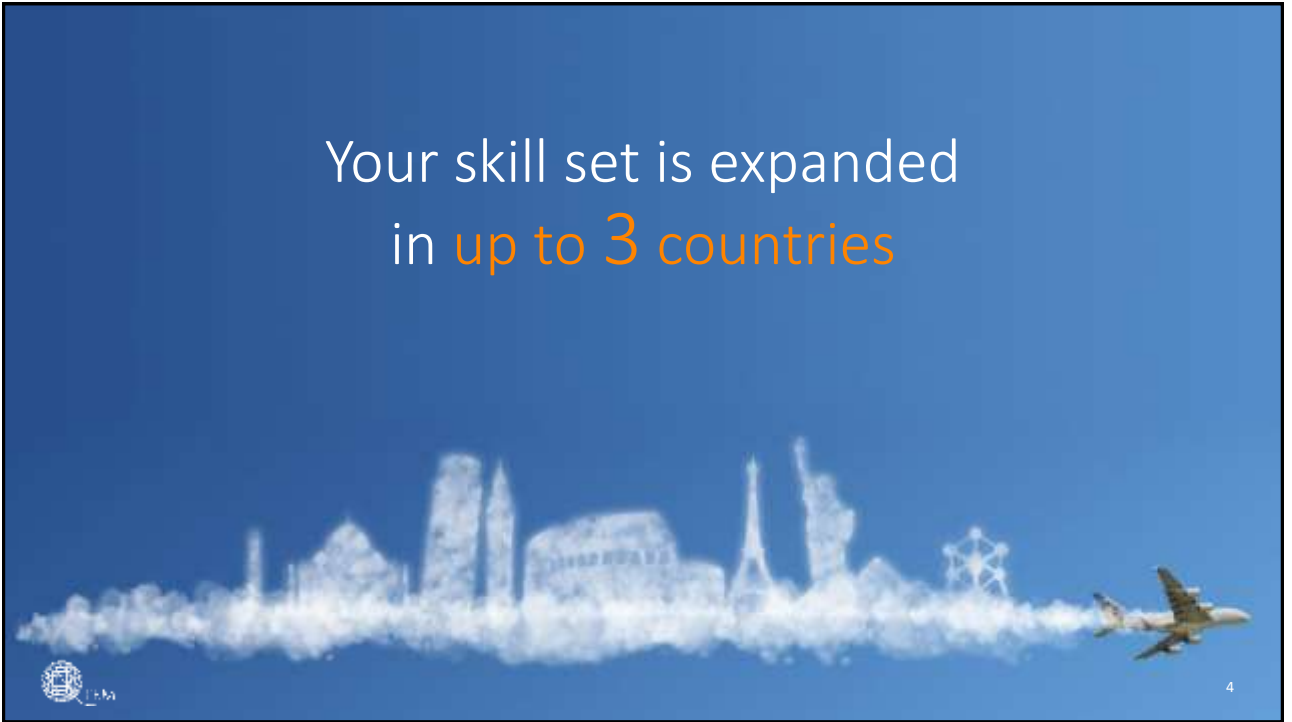
1

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



3

Your skill set is expanded
in up to 3 countries



4

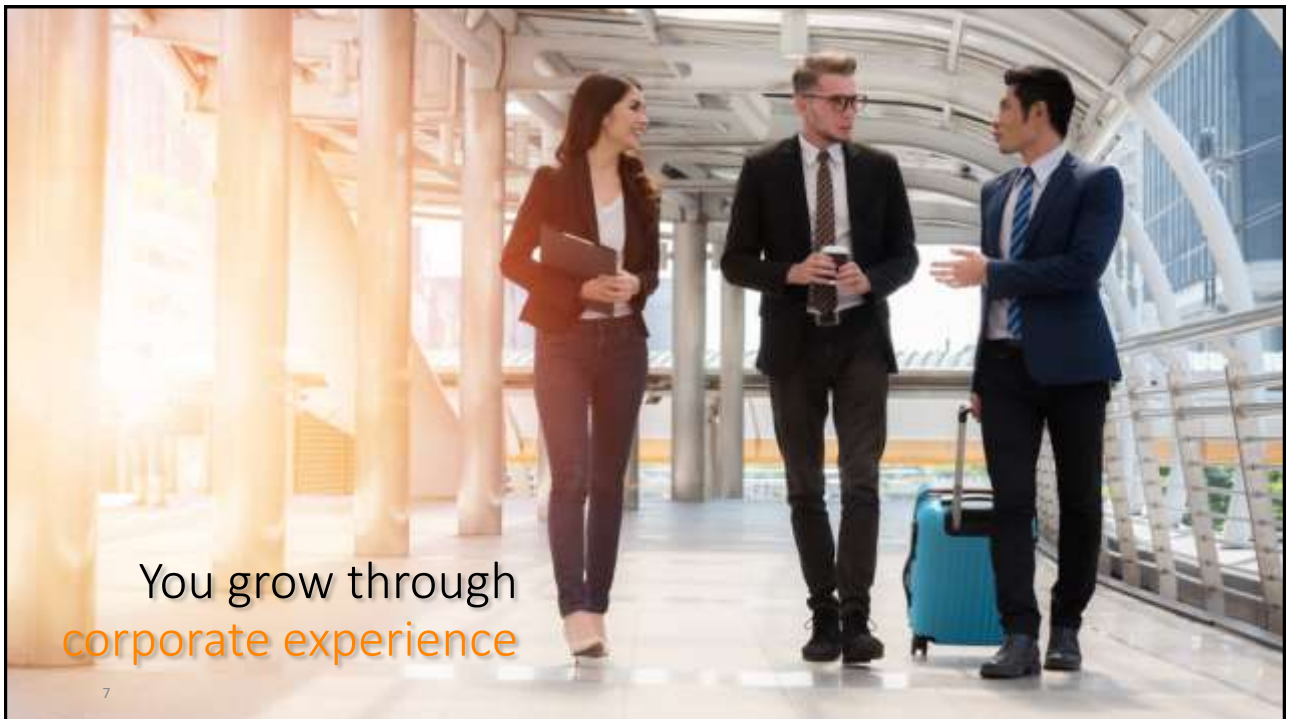
You live and study abroad



5



6



7



You acquire digital leadership skills

8

8

Academic Partners
A global network

QTEM (Quantitative Techniques for Economics and Management) is a global expanding network involving more than 20 outstanding universities from four continents and corporate partners from various sectors.

16 countries, 4 continents



9

9

Academic Partners

The universities behind QTEM

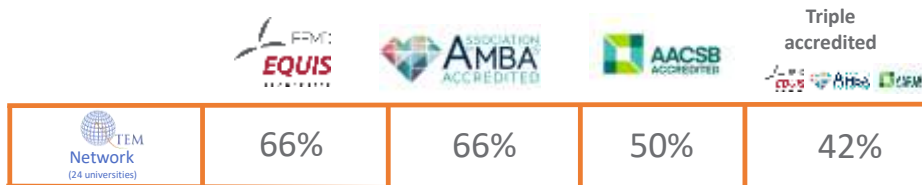


10

Why join QTEM?

A network comprising of highly ranked universities

QTEM Academic Partners are outstanding universities, internationally and nationally high-ranked, accredited EQUIS, AMBA and/or AACSB



11

Why join QTEM?

Corporate & Social Partners

Corporate and Social Partners interact with our students through recruitment fairs, internship offers, and presence at analytic conferences.



Representatives of McKinsey & Company, Solvay and SAS in a conference with QTEM students about Artificial Intelligence (Lausanne, Switzerland November 2017)



QTEM's DNA
Quantitative Techniques for Economics & Management

Excellence
GMAT or GRE

Quantitative & analytical
min. 50% ECTS
+ QTEM Data Challenge

International
2+ countries

Professional Experience
min. 1.5 months

Digital Leadership
QTEM Data Challenge (QDC)

14

Your QTEM experience

QTEM Program for HEC Lausanne students

The following Masters give access to QTEM. Earn the QTEM Certificate together with these Master's Degrees:

- Master of Science in Management (MScM) – 120 ECTS
 - Master of Science in Finance (MScF) – 120 ECTS
 - Master of Science in Economics (MScE) – 120 ECTS
 - Master of Science in Accounting, Control and Finance (MScCCF) – 90 ECTS
- } Track 2 Exchanges
Track 1 Exchange



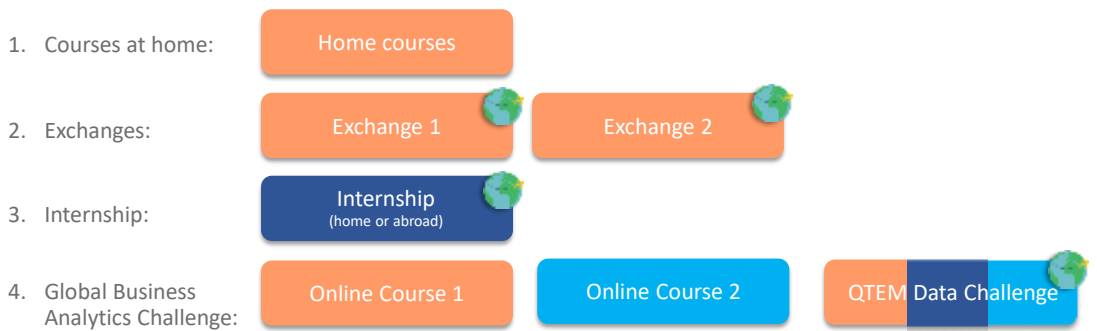
GMAT (or GRE) is a compulsory entry pre-requirement for the QTEM Program:

- ≥ 650 student meets the common acceptance pre-requisite for QTEM
- 600<650 student can be considered for QTEM if s/he has an exceptional file



Your QTEM experience

The different parts of the program – QTEM Track 2 Exchanges



QTEM Track 2 Exchanges

Master in Management, Master in Finance & Master in Economics (120 ECTS)

Minimum 50% quantitative ECTS credits (45 ECTS credits)					G R A D U A T I O N
	MSc 1 st year Semester 1 Fall	MSc 1 st year Semester 2 Spring	MSc 2 nd year Semester 1 Fall	MSc 2 nd year Semester 2 Spring	
Courses at home + 2 exchanges + internship:	Home university	Exchange 1	Exchange 2	Internship Master's thesis	
	+				
Global Business Analytics Challenge:			Online trainings + QTEM Data Challenge		



18

Your QTEM experience

How many quantitative courses for QTEM?

- Minimum of **50%** of the credits are quantitative courses
- Minimum of **22 ECTS credits** of quantitative courses **on average per QTEM exchange**
- No more courses than in the “regular” program

In the MScCCF - Track 1 Exchange, 22 ECTS credits to be taken during the exchange

- Minimum of 15 ECTS credits for HEC
- Minimum of 7 ECTS credits for QTEM (quantitative course-s)



Courses from all QTEM partner universities are «tagged» in the [QTEM Course Database](#) (quantitative, semi-quantitative, qualitative)



22

22

Your QTEM experience

The QTEM Modules

1 QTEM module = minimum 20 ECTS

1 or 2 QTEM modules to be undertaken at home university and/or when on exchange

1. Finance and Risk Management
2. Applied Economics and Public Policy
3. Innovation and Strategy
4. Marketing and Supply Chain
5. Business Intelligence and Big Data

**Can be a complement
of the orientation
of your Master:**

Examples:
MScM BA with a
QTEM Finance module

MScM SOL with a
QTEM Business Intelligence
& Big Data module

Credits towards the QTEM modules will count starting the first semester of your Master !



23

Your QTEM experience

The Analytical Internship

- Covers a period of minimum **240 hours full-time equivalent (1.5 months)**
- The internship can be done during or after the master
- Can be done in Switzerland or abroad
- Does not necessarily bear ECTS credits
- Must be related to a quantitative topic and have a significant analytical content



24

Your QTEM experience

Global Business Analytics Challenge (GBAC)



1. Online trainings:

- Data science course + Digital leadership course
- Fully online

Two intakes : Fall semester & Spring Semester



2. The QTEM Data Challenge (QDC):
















- International teams of 3 QTEM students analyze real world data and present the results to a jury
- QTEM classmates around the world work together for the chance to win great prizes
- QTEM students will have the opportunity to learn analytical tools used in a corporate environment while doing a fun project



Your QTEM experience

Real examples

The skill set of QTEM students is expanded in at least 2 different countries.

	 Home university	 1 st Semester abroad	 2 nd Semester abroad	 Internship
Student A MScF <i>Track 2 Exchanges</i>	 HEC Lausanne	 Waseda University	 EDHEC Business School Nice	
Student B MScM <i>Track 2 Exchanges</i>	 HEC Lausanne	 University of Amsterdam	 BI Oslo	
Student C MScCCF <i>Track 1 Exchange</i>	 HEC Lausanne	 Monash Business School		



Your QTEM experience

QTEM Program for HEC Lausanne students

Track 2 Exchanges	Track 1 Exchange
Master in Management	Master in Management
Master in Finance	Master in Finance
Master in Economics	Master in Economics
	+ Master in Accounting, Control and Finance
Application deadline June 1st 2021, before starting the Master	Application deadline February 15, 2022 during the first semester of the Master



28

28

Joining us

The application process and selection timeline – Track 2 Exchanges (MScM, MScF, MScE)



QTEM Application	June 1 st , 2021	Bachelor students in their 3 rd year or Students starting a Master in September 2021 after a gap year
GMAT or GRE	September 20, 2021	Extended deadline for submission
Exchange 1	Spring 2022	
Exchange 2	Fall 2022	

HEC Lausanne QTEM contact: Isabelle Schmid, Isabelle.Schmid@unil.ch
 Internef, office 256.1
 Phone 021 692 36 85



29

Application Form

How to apply to the QTEM program ?

1. [QTEM Application Form](#)
2. [QTEM Student Engagement Form](#)
3. Cover letter (max. 2 pages) – in English
4. Curriculum vitae
5. [Learning agreement \(study program\), one for each chosen destination](#) – choose at least 3 destinations
6. If Bachelor not undertaken at HEC: copies of all university results & certificates obtained
7. GMAT score 650 recommended, 600 mandatory ; GRE also accepted
8. Proof of proficiency in English if available (mandatory for Monash Business School)
9. Any relevant document

31

Your QTEM experience

GMAT & GRE – credits can be validated during the Bachelor's degree

- Recognition of credits during the [Bachelor program](#) => credits validated in the “English language courses”

GMAT	GRE
Total GMAT score minimum: 600	Predicted GMAT Total Score minimum: 600
www.mba.com/global	www.ets.org/gre GRE Comparison Tool for Business Schools
HEC Lausanne GMAT code: VTR-GM-28	HEC Lausanne GRE code : 0076
QTEM GMAT code : QTEM	



Your official test must be sent to QTEM

33

Application Form

Financial supports for an exchange

- Reduced UNIL semester fee of CHF 180.- per semester instead of CHF 580.-
- No registration fee at the partner university
- Grants:
 - **SEMP agreements:** CHF 1600.- per semester
 - **HEC Faculty agreements:** CHF 2500.- per semester
- SEMP grants for internships in European countries:
 - CHF 440.- per month
- Financial Assistance from the UNIL ([information at the SASME](#))

34

Why join QTEM?

Because the QTEM Certificate validates that you have:

- ✓ A qualifying **GMAT**
- ✓ An international experience in at least 2 countries
1 or 2 exchanges
Minimum 22 quantitative ECTS per exchange
- ✓ An analytical internship, in Switzerland or abroad
- ✓ 50% quantitative courses
- ✓ 1 or 2 QTEM Modules, to be completed during the Master
- ✓ The Global Business Analytics Challenge (GBAC)



35



36