



Focus MTEC

For BSc Students at D-MAVT
23 May 2023

Welcome!
We are:



Swantje Pless

Programme Coordinator

MSc MTEC

D-MTEC Research Groups



Peter Egger
Applied Economics:
Innovation and Internationalisation



Hans Gersbach
Macroeconomics:
Innovation and Policy



Marko Köthenbürger
Public Economics



Barton Lee
Political Economy and
eDemocracy



Jan-Egbert Sturm
Applied
Macroeconomics

Economic Dynamics



Bart Clarysse
Entrepreneurship



Gudela Grote
Work and
Organizational
Psychology



Petra Schmid
Organizational
Behavior

Human and Entrepreneurial Behaviour



Lint Barrage
Energy and Climate
Economics



Lucas Bretschger
Economics / Resource
Economics



Robert Finger
Agricultural
Economics and Policy



Massimo Filippini
Energy and Public
Economics

Natural Resources



Elgar Fleisch
Information
Management



Torbjørn Netland
Production and
Operations
Management



Stephan Wagner
Logistics
Management

Supply Chain and Information Systems



Antoine Bommier
Integrative Risk
Management and
Economics



Ursula Renold
Education Systems



Frank Schweitzer
Systems Design

Systems Design and Risks



Stefano Brusoni
Technology
and Innovation
Management



Volker Hoffmann
Sustainability and
Technology



Georg von Krogh
Strategic
Management and
Innovation



**Florian von
Wangenheim**
Technology Marketing

Technology and Innovation

Digital transformation

A night-time cityscape, likely Kuala Lumpur, Malaysia, featuring the Petronas Twin Towers. The image is overlaid with a complex digital network of glowing lines and nodes in various colors (blue, purple, red, green), representing digital transformation and data connectivity.



Sustainability is a catalyst
for innovation in business and society



**>> We need a new generation of managers
who bring together technology, innovation and people**

Your MTEC Focus: Learning Perspectives



Forging links.

At D-MTEC we integrate the natural sciences and technology with management and economics.



Going beyond theory.

To make real change happen it takes more than a purely theoretical understanding of our world.



Succeeding together.

Change is driven by technology but also by people. We offer various interactive course formats to foster collaborative learning.



You will be able to cut across disciplines, organisational cultures, and mindsets to lead change and master the ever more complex challenges of today's world.



You will understand how to transform ideas into reality, but also to critically reflect on their applicability and their role in society.



You will be able to recognise and tap into your full potential, and that of the people you work with.

Your MTEC Focus

Select your courses

Autumn Semester

- Production and Operations Management (3 ETCS)
- Discovering Management (3 ETCS)
- Technology and Innovation Management (3 ETCS)
- Enabling Entrepreneurship: From Science to Startup (3 ETCS)
- Introduction to Microeconomics (3 ETCS)
- ...

Spring Semester

- Human Resource Management: Leading Teams (3 ETCS)
- Project Management (2 ETCS)
- Introduction to Economic Policy (2 ETCS)
- ...

>> More information in the Course Catalogue

Your MTEC Focus

Administrative issues

- Part of the MAVT BSc studies
- 20 credit points
- Bachelor Thesis at D-MTEC (optional)

Additional Information

Examinations at D-MTEC

In the MTEC department, usually the exams are offered as “end-of-semester” exams, rather than “session examinations” as you might be used to from your studies at D-MAVT.

Please be aware:

=> In case you decide for the MTEC Focus during your MAVT BSc studies, this might lead to a different timing of some of your examinations.

Additional Information

Consecutive Entry for MAVT BSc Students into MSc MTEC

BSc MAVT students do not need to apply for the MSc MTEC, but can simply choose the MTEC MSc programme in mystudies -> tick respective box in mystudies, to request a change of study programme to the D-MTEC.

BSc MAVT students do NOT have to choose the MTEC Focus in their BSc studies at MAVT, in order to be eligible for the MSc MTEC => consecutive admission.

Resources

Stay in the loop

MSc MTEC Website

- > Comprehensive information and point of contact for the programme:

mtec.ethz.ch/studies

- > Download information material:

MSc MTEC Study Guide

Information and advice on how you can effectively manage your studies.

D-MTEC Chair Guide

Information on research activities as well as on opportunities and prerequisites for conducting a research project and writing a Master's thesis at a D-MTEC chair.

Questions to: **m-sc-mtec@ethz.ch**

Social Media

- > LinkedIn: **www.linkedin.com/company/mtec-ethzurich**
- > Twitter: **[@d_mtec](https://twitter.com/d_mtec)**