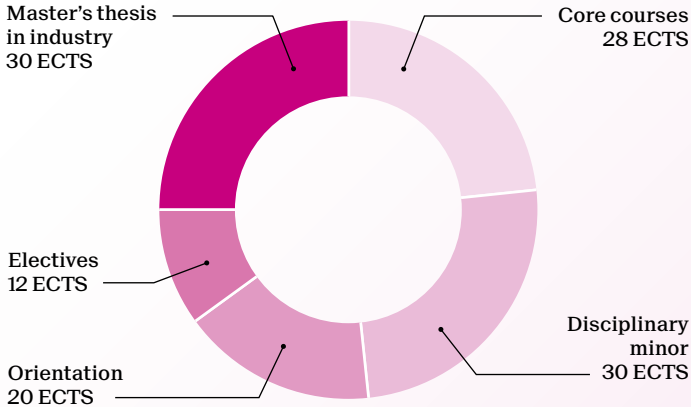


Master of Science in

MANAGEMENT, TECHNOLOGY AND ENTREPRENEURSHIP

2-year program - 120 ECTS



In order to get additional expertise in their original technological field of study, the MTE master students must complete a "disciplinary minor" (30 ECTS) in the field of their Bachelors'Degree.

	Credits
Core courses	28
Applied corporate & industry analysis	2
Applied Probability & Stochastic Processes	4
Financial & Managerial Accounting	4
Introduction to econometrics	4
Principles of Finance	4
Principles of Microeconomics	4
Project in human and social sciences	6

Disciplinary minor	30
Minor in student's original technical field of study (Bachelor)	

Orientation	20
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Strategy, Innovation & Entrepreneurship	
Corporate Strategy	4
dThinking: Real Problems, Human-focused Solutions	5
Economics of innovation	4
Entrepreneurship & New Venture Strategy	4
Entrepreneurship Laboratory (e-lab)	4
Industry Dynamics, Models & Trends	4
Innovation management	4
Principles of Intellectual Property Management	4
Strategic Marketing & Technology Commercialization	4
Technology & Innovation strategy	4

Operations Management & Systems Modeling	
Business Information Systems	4
Data Science for Business	4
Information: Strategy & Economics	4
Logistique et analyse de la demande	4
Management de projet et analyse du risque	4
Operations: Economics & Strategy	4
Optimal Decision Making	4
Production Management	5
Quantitative Systems Modeling Techniques	4
Simulation and Optimisation of Industrial Applications	4
Supply Chain Management	4

Electives	Focus	12
B2B - high-tech marketing	3	4
Corporate governance	3	4
Early detection of innovation potential	3	4
Economics of innovation & management in energy	1	2
Environmental Policy	3	4
Global business environment	3	4
Information technology & digital strategy	1	2
Leading and managing in a global context	2	4
Negotiation techniques	2	2
Organizational behavior	2	2
Practical business law	3	4
Presentation skills	2	2
Quality assurance and quality management systems	3	4
Technology policy and the energy transition	1	2
Venture capital	3	4

1. Industry Focus
2. Skill Augmentation
3. Particular Interests

Career prospects

Graduates will have acquired the knowledge and developed the skills necessary for successfully bridging the worlds of technology and business in a large variety of organizations (such as small start-ups, large established firms, consulting firms, public organizations, VCs, and Tech Transfer Offices). For instance, at the start of the career they may work in junior or associate positions in Production and Manufacturing, Supply Chain and Logistics, Product & Project Management / Development, R&D, or Innovation Management. Their unique profile makes them also particularly attractive candidates for joining a start-up team in a technology environment.

College of Management of Technology
master.epfl.ch/management
contact: mte@epfl.ch