

Management Modules (MM)

Fundamental Economic Know-How for Successful Managers



MM 1: International Project Management

International Project Management is a key to the world of business. Participants will get to know the objectives of project management and scheduling, analysing planned projects and controlling project execution. Particular attention is paid to the construction of project networks and Gantt charts, heuristic solution procedures and rescheduling. Modelling, planning and scheduling, which arise in a great variety of practical situations, are also emphasized.

MM 2: Finance for Executives

Finance for Executives provides participants with an understanding of the key financial statements and the underlying accounting principles. The course gives an overview of investment rules and financial decisions.

MM 3: Management Accounting, Marketing and Strategy

This module comprises three important challenges in companies: business strategy, marketing and controlling. Particular emphasis is placed upon the strategic management processes, including strategic analysis, formulation and evaluation based on competitive advantage and portfolio strategy. In addition to these concepts, modern marketing approaches mainly based on business strategy are presented.

MM 4: Stochastic & Games

This module enables participants to gain a better understanding of stochastic phenomena and, in particular, to use this knowledge in helping them to make decisions when in a state of uncertainty. Uncertainty can arise from either »nature« or from playing against conscious opponents (»strategic uncertainty«).

MM 5: Law & Contracts

This module comprises both economic and legal sections. In the economic section, the groundwork is laid by introducing decision theory, expected utility, risk and ambiguity, bargaining and basic incentive theory. In addition, fundamental problems regarding world economics are discussed, including stagnation and economic growth, unemployment and the international division of labor, and the harmonization of the international monetary system. The legal section is divided into lectures about business organization law as well as international patent, trademark and copyright law.

A HECTOR School Master: Leadership Know-How for Demanding Careers.



Sandra Rohleder
Master in Financial Engineering
KfW Development Bank

»It is difficult to continuously keep up with the newest industry developments and integrate state-of-the-art expertise in our daily work. The master program in Financial Engineering at the HECTOR School provided me with exactly these strategic, expert and interpersonal skills, which I found highly valuable when facing the enormous challenges arising out of the on-going disruption in the banking business. During the program I further built up a network of like-minded professionals from different industries with an international background, whose diverse views I learned to appreciate in the various case study discussions we had in class. Amongst others, these experiences successfully guided my career in the international banking business.«

 **Alumni Voices**
on our YouTube Channel 

Management Modules

MM 1: International Project Management

Courses: Project Management | Multi-Project Management in an International Setting | Development Management | Intercultural Management

MM 2: Finance for Executives

Courses: Introduction | Financial Accounting | Fundamentals of Finance | Case Studies

MM 3: Management Accounting, Marketing and Strategy

Courses: Business Strategy | Management Accounting | Marketing

MM 4: Stochastic & Games

Courses: Decisions under Risk & Uncertainty | Optimization under Uncertainty | Applied Game Theory | Simulation & Case Study

MM 5: Law & Contracts

Courses: Decisions, Contracts, Markets & Trade | International Law – the Law of Business Organizations | International Intellectual Property Law

October 2017	November 2017	December 2017	January 2018
Mon Tue Wed Thu Fri Sat Sun 01	Mon Tue Wed Thu Fri Sat Sun 01 02 03 04 05	Mon Tue Wed Thu Fri Sat Sun 01 02 03 04 05 06 07 08 09 10	Mon Tue Wed Thu Fri Sat Sun 01 02 03 04 05 06 07
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February 2018	March 2018	April 2018	May 2018
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June 2018	July 2018	August 2018	September 2018
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>> Master Thesis:
6 months project work

MM Management Modules
EM Engineering Modules
Exam Days
Crash Course in Probability & Statistics

The academic calendar for each program starting annually in October consists of 10 intensive modules, each with a duration of 10 days. At the end, all programs conclude with a master thesis.

Curriculum may be subject to change.