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 familiar with 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 its underlying accounting principles. The course gives an overview of investment rules and financial decisions.

MM 3: Business Strategy, Marketing & Controlling
This module comprises three important challenges in companies, Business Strategy, Marketing and Controlling. Particular emphasis is placed upon the process of strategic management containing strategic analysis, formulation and evaluation based on competitive advantage, and portfolio strategy. In addition to these concepts approaches of modern marketing that show a strong reference to 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 outside events, e.g. from decision in business and economic strategies. Uncertainty can also arise from an ”state of nature” or from playing against conscious opponents (strategic uncertainty).

MM 5: Law & Contracts
This module comprises both economics and legal sections. In the economics section, a groundwork is laid through introducing decision theory, expected utility, risk and ambiguity, bargaining and basic incentive theory. In addition, fundamental problems regarding world economics are discussed, e.g. stagnation and economic growth, unemployment and international division of labor, and harmonization of the international monetary system. The legal section is divided into lectures about the law of business organizations about international patent, trademark and copyright law.

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

> Banking needs knowledge on a highly sophisticated and very actual level. In my opinion the HECTOR School master program Financial Engineering is a very recommendable way if one wants to manage present and future challenges in the overall banking sector or corporate finance departments successfully. The new and state-of-the-art methods in risk management taught in the specific modules are a great help in my everyday practical work.«

Philip Schulthess
Master in Financial Engineering
BBBank AG

Curriculum may be subject to change.

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.

The Master Thesis is a major part of the program. It allows participants to apply the knowledge and skills they have acquired during the program to a real-life problem in their respective field. The Master Thesis is an opportunity to demonstrate the participant’s ability to think critically, to research and analyze problems, and to communicate their findings in a clear and concise manner.

The Master Thesis provides an opportunity for participants to develop their research and writing skills, and to gain experience in conducting independent research. It also allows participants to explore a specific area of interest in depth, and to contribute to the body of knowledge in their field.

The Master Thesis is typically a 6-month project work, which requires participants to conduct extensive research and analysis, and to produce a comprehensive report or paper. The Master Thesis is usually supervised by a faculty member who provides guidance and feedback throughout the project.

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