

Course of Study International Management and Engineering (Study Cohort w21)

Legend:

| | | | |
|--|------------------------------------|---------------------------|------------------------------|
| Core qualification Compulsory | Specialisation Compulsory | Focus Compulsory | Thesis Compulsory |
| Core qualification Elective Compulsory | Specialisation Elective Compulsory | Focus Elective Compulsory | Interdisciplinary complement |

Sample course plan A Master International Management and Engineering (IWIMS)

| Specialisation II. Information Technology | | | | Semester 2 | | | | Semester 3 | | | | Semester 4 | | | |
|---|--|------|--------|---|------|--------|---|------------|--------|----------------------|------|------------|--|------|--------|
| | | Form | Hrs/wk | | Form | Hrs/wk | | Form | Hrs/wk | | Form | Hrs/wk | | Form | Hrs/wk |
| 1 | Quantitative Methods - Statistics and Operations Research | | | Economics | | | Project Seminar IWI | | | Master Thesis | | | | | |
| 2 | Quantitative Methods - Statistics and Operations Research | VL | 3 | Main Theoretical and Political Concepts | VL | 2 | Project Seminar IWI | PS | 3 | | | | | | |
| 3 | Quantitative Methods - Statistics and Operations Research | GÜ | 2 | International Economics | VL | 2 | | | | | | | | | |
| 4 | | | | Economics | PBL | 1 | | | | | | | | | |
| 5 | | | | | | | | | | | | | | | |
| 6 | | | | | | | | | | | | | | | |
| 7 | Institutional Environment of International Management | | | Foundations in Organizational Design and Human Resource Management | | | Product Planning | | | | | | | | |
| 8 | Business Environment of Selected Countries | SE | 3 | Foundations in Organizational Design and Human Resource Management | VL | 2 | Product Planning | VL | 3 | | | | | | |
| 9 | Research Methods in International Management | VL | 1 | Foundations in Organizational Design and Human Resource Management | SE | 2 | Product Planning Seminar | PBL | 2 | | | | | | |
| 10 | | | | | | | | | | | | | | | |
| 11 | | | | | | | | | | | | | | | |
| 12 | | | | | | | | | | | | | | | |
| 13 | Accounting | | | Marketing (Sales and Services / Innovation Marketing) | | | Project and Negotiation Management | | | | | | | | |
| 14 | Corporate Finance | VL | 2 | PBL Marketing of Innovations | PBL | 1 | Project Management | VL | 2 | | | | | | |
| 15 | Management and Financial Accounting | VL | 4 | Marketing of Innovations | VL | 4 | Negotiation Management | PBL | 3 | | | | | | |
| 16 | | | | | | | Open Project Exercise | GÜ | 1 | | | | | | |
| 17 | | | | | | | | | | | | | | | |
| 18 | | | | | | | | | | | | | | | |
| 19 | International Business | | | EIP and Productivity Management | | | Intelligent Autonomous Agents and Cognitive Robotics | | | | | | | | |
| 20 | International Management | VL | 2 | Elements of Integrated Production Systems | PBL | 2 | Intelligent Autonomous Agents and Cognitive Robotics | VL | 2 | | | | | | |
| 21 | Business-to-Business Marketing | VL | 2 | Productivity Management | PBL | 2 | Intelligent Autonomous Agents and Cognitive Robotics | GÜ | 2 | | | | | | |
| 22 | Intercultural Management and Communication | VL | 2 | Productivity Management | GÜ | 1 | | | | | | | | | |
| 23 | | | | | | | | | | | | | | | |
| 24 | | | | | | | | | | | | | | | |
| 25 | Production and Logistics Management | | | Machine Learning and Data Mining | | | | | | | | | | | |
| 26 | Strategic Production and Logistics Management | PBL | 3 | Machine Learning and Data Mining | VL | 2 | | | | | | | | | |
| 27 | Operative Production and Logistics Management | VL | 2 | Machine Learning and Data Mining | GÜ | 2 | | | | | | | | | |
| 28 | | | | | | | | | | | | | | | |
| 29 | | | | | | | | | | | | | | | |
| 30 | | | | | | | | | | | | | | | |
| Non-technical Courses for Master (from catalogue) - 6LP | | | | | | | | | | | | | | | |

The choice of courses from the catalogue is flexible (depends on the semestral work load), provided the necessary number of required credits is reached.

