

# Course of Study International Management and Engineering (Study Cohort w23)

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 B Master International Management and Engineering (IWIMS)

| Specialisation II. Information Technology               |  |  |   |
|---|--|--|---|
| 1   | <b>Quantitative Methods - Statistics and Operations Research</b> |  | <b>Economics</b>  |
| 2   | Quantitative Methods - Statistics and Operations Research VL 3   |  | Main Theoretical and Political Concepts VL 2                            |
| 3   | Quantitative Methods - Statistics and Operations Research GÜ 2   |  | International Economics VL 2  |
| 4   |  |  | Economics PBL 1   |
| 5   |  |  |   |
| 6   |  |  |   |
| 7   | <b>Institutional Environment of International Management</b>     |  | <b>Organization and IT of international companies and supply chains</b> |
| 8   | Business Environment of Selected Countries PBL 4                 |  | Logistics and Information Technology VL 2                               |
| 9   | Research Methods in International Management VL 2                |  | Organization and Process Management PBL 3                               |
| 10  |  |  |   |
| 11  |  |  |   |
| 12  |  |  |   |
| 13  | <b>Accounting</b>  |  | <b>Business Optimization - Advanced Operations Research</b>             |
| 14  | Financial Accounting and Finance VL 2                            |  | Business Optimization and Operations Research VL 2                      |
| 15  | Management Accounting and Capital Budgeting VL 2                 |  | Seminar Operations Research SE 2  |
| 16  |  |  | Project: Modelling in Operations Research PBL 1                         |
| 17  |  |  |   |
| 18  |  |  |   |
| 19  | <b>International Business</b>                                    |  | <b>Supply Chain Management</b>  |
| 20  | International Management VL 2                                    |  | Value-Adding Networks VL 2  |
| 21  | Business-to-Business Marketing VL 2                              |  | Supply Chain Management PBL 3   |
| 22  | Intercultural Management and Communication VL 2                  |  |   |
| 23  |  |  |   |
| 24  |  |  |   |
| 25  | <b>Production and Logistics Management</b>                       |  | <b>Machine Learning and Data Mining</b>                                 |
| 26  | Strategic Production and Logistics Management VL 2               |  | Machine Learning and Data Mining VL 2                                   |
| 27  | Operative Production and Logistics Management VL 2               |  | Machine Learning and Data Mining GÜ 2                                   |
| 28  | Strategic Production and Logistics Management PBL 1              |  |   |
| 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.

