

# 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 D 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                                                       | <b>Quantitative Methods - Statistics and Operations Research</b> |      |        | <b>Economics</b>                                                        |      |        | <b>Project Seminar IWI</b>                                  |            |        | <b>Master Thesis</b> |      |            |  |      |        |
| 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                                                       | <b>Institutional Environment of International Management</b>     |      |        | <b>Organization and IT of international companies and supply chains</b> |      |        | <b>Strategic Management</b>                                 |            |        |                      |      |            |  |      |        |
| 8                                                       | Business Environment of Selected Countries                       | SE   | 3      | Logistics and Information Technology                                    | VL   | 2      | Strategic Management                                        | VL         | 4      |                      |      |            |  |      |        |
| 9                                                       | Research Methods in International Management                     | VL   | 1      | Organization and Process Management                                     | PBL  | 3      |                                                             |            |        |                      |      |            |  |      |        |
| 10                                                      |                                                                  |      |        |                                                                         |      |        |                                                             |            |        |                      |      |            |  |      |        |
| 11                                                      |                                                                  |      |        |                                                                         |      |        |                                                             |            |        |                      |      |            |  |      |        |
| 12                                                      |                                                                  |      |        |                                                                         |      |        |                                                             |            |        |                      |      |            |  |      |        |
| 13                                                      | <b>Accounting</b>                                                |      |        | <b>Marketing (Sales and Services / Innovation Marketing)</b>            |      |        | <b>Entrepreneurial Finance</b>                              |            |        |                      |      |            |  |      |        |
| 14                                                      | Corporate Finance                                                | VL   | 2      | PBL Marketing of Innovations                                            | PBL  | 1      | Entrepreneurial Finance: Lecture                            | VL         | 2      |                      |      |            |  |      |        |
| 15                                                      | Management and Financial Accounting                              | VL   | 4      | Marketing of Innovations                                                | VL   | 4      | Entrepreneurial Finance: Case Studies                       | SE         | 3      |                      |      |            |  |      |        |
| 16                                                      |                                                                  |      |        |                                                                         |      |        |                                                             |            |        |                      |      |            |  |      |        |
| 17                                                      |                                                                  |      |        |                                                                         |      |        |                                                             |            |        |                      |      |            |  |      |        |
| 18                                                      |                                                                  |      |        |                                                                         |      |        |                                                             |            |        |                      |      |            |  |      |        |
| 19                                                      | <b>International Business</b>                                    |      |        | <b>Technology Entrepreneurship</b>                                      |      |        | <b>Intelligent Autonomous Agents and Cognitive Robotics</b> |            |        |                      |      |            |  |      |        |
| 20                                                      | International Management                                         | VL   | 2      | Entrepreneurship                                                        | VL   | 2      | Intelligent Autonomous Agents and Cognitive Robotics        | VL         | 2      |                      |      |            |  |      |        |
| 21                                                      | Business-to-Business Marketing                                   | VL   | 2      | Creation of Business Opportunities                                      | PBL  | 3      | Intelligent Autonomous Agents and Cognitive Robotics        | GÜ         | 2      |                      |      |            |  |      |        |
| 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                    | 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.

