

# Course of Study Engineering and Management - Major in Logistics and Mobility (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 Bachelor Engineering and Management - Major in Logistics and Mobility (WILUMBS)

| Specialisation Traffic Planning and Systems   |   |   |  |
|---|---|---|--|
| 1   | <b>Foundations of Management</b>  |   | <b>Mathematics II</b>  |
| 2   | Introduction to Management VL 3<br>Management Tutorial GÜ 2   | Mathematics II VL 4<br>Mathematics II HÜ 2<br>Mathematics II GÜ 2                               | <b>Technical drawing and CAD (part 2)</b>  |
| 3   |   |   | Introduction to CAD GÜ 2   |
| 4   |   |   | <b>Introduction to Economics</b>   |
| 5   |   |   | Introduction to Economics VL 2<br>Introduction to Economics HÜ 2   |
| 6   |   |   | <b>Management</b>  |
| 7   | <b>Mathematics I</b>  |   | Foundations of Management VL 2<br>Finance and Investment VL 2  |
| 8   | Mathematics I VL 4<br>Mathematics I HÜ 2<br>Mathematics I GÜ 2  | <b>Logistics Management</b>   |  |
| 9   |   | Logistics Economics PBL 3<br>Introduction into Production Logistics VL 2                        | <b>Computer Science for Engineers - Introduction and Overview</b>  |
| 10  |   |   | Computer Science for Engineers - Introduction and Overview VL 3<br>Computer Science for Engineers - Introduction and Overview GÜ 2                 |
| 11  |   |   | <b>IT applications for logistics and mobility</b>  |
| 12  |   |   | Introduction to Geoinformation Science PBL 3<br>IT applications for logistics and mobility VL 1<br>IT applications for logistics and mobility GÜ 2 |
| 13  |   |   | <b>Project Management and Accounting</b>   |
| 14  |   |   | Foundations of project management VL 2<br>Foundations of cost and activity accounting VL 2   |
| 15  | <b>Engineering Mechanics I (Stereostatics)</b>  | <b>Technical Logistics</b>  | <b>Mobility Concepts</b>   |
| 16  | Engineering Mechanics I VL 2<br>Engineering Mechanics I GÜ 2<br>Engineering Mechanics I HÜ 1                      | Technical Logistics VL 3<br>Technical Logistics GÜ 2  | Mobility Research and Transportation Projects PBL 3<br>Mobility in Megacities and Developing Countries SE 3  |
| 17  |   |   | <b>Introduction to Transportation Economics</b>  |
| 18  |   |   | Introduction to Transportation Economics VL 3  |
| 19  |   |   | <b>Geotechnics I</b>   |
| 20  |   |   | Soil Mechanics VL 2<br>Soil Mechanics HÜ 2<br>Soil Mechanics GÜ 2  |
| 21  | <b>Introduction to Logistics and Mobility</b>   | <b>Technical drawing and CAD (part 1)</b>   |  |
| 22  | Freight Traffic and Logistics VL 2<br>Freight Traffic and Logistics PBL 2<br>Introduction to Scientific Work VL 1 | Fundamentals of Technical Drawing VL 1<br>Fundamentals of Technical Drawing HÜ 1                | <b>Transportation Planning and Traffic Engineering</b>   |
| 23  |   |   | Transport Planning and Traffic Engineering PBL 4   |
| 24  |   | <b>Engineering Mechanics II (Elastostatics)</b>   |  |
| 25  |   | Engineering Mechanics II VL 2<br>Engineering Mechanics II GÜ 2<br>Engineering Mechanics II HÜ 2 |  |
| 26  |   |   |  |
| 27  |   |   |  |
| 28  |   |   |  |
| 29  |   |   |  |
| 30  |   |   |  |
| Non-technical Courses for Bachelors (from catalogue) - 6LP  |   |   |  |
| Technical Complementary Course for Logistics and Mobility (according to Subject Specific Regulations) - 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.

