



Academic year 2026-2027

# Master in Management and Informatics (MMI)

The study plan and course descriptions provide an overview of the programme's structure and content, and may be subject to changes. In case a study programme offers multiple specialisations or streams, these are presented consecutively within the same document.

## Informatics track

### Study Plan

#### 1st semester (SA 2026-2027)

| Core courses (30 ECTS)                                          | Lecturers         | Tags            | ECTS |
|-----------------------------------------------------------------|-------------------|-----------------|------|
| <a href="#">Enterprise Information Systems</a>                  | Cappiello         |                 | 6    |
| <a href="#">Enterprise Information Systems Modeling</a>         | Plebani           |                 | 3    |
| <a href="#">Project Management</a>                              | Bassi             |                 | 3    |
| <a href="#">Business Strategy I</a>                             | Martignoni        |                 | 3    |
| <a href="#">Business Strategy II</a>                            | Bettinazzi        |                 | 3    |
| <a href="#">Financial Accounting (Management)</a>               | Seistrajikova     |                 | 3    |
| <a href="#">Managerial Accounting</a>                           | Seistrajikova     |                 | 3    |
| <a href="#">Orthodox and Critical Perspectives in Marketing</a> | Visconti, Mendini |                 | 6    |
| Elective courses (0 ECTS)                                       | Lecturers         | Tags            | ECTS |
| <a href="#">Competitive and Market Intelligence</a>             | Martignoni        | Founders option | 3    |
| <a href="#">Business Plans and Business Models</a>              | Martignoni        | Founders option | 3    |

#### 2nd semester (SP 2027)

| Core courses (18 ECTS)                                           | Lecturers   | Tags            | ECTS |
|------------------------------------------------------------------|-------------|-----------------|------|
| <a href="#">Business Intelligence and Applications</a>           | Martinenghi |                 | 6    |
| <a href="#">Business Process Modeling, Management and Mining</a> | Pautasso    |                 | 3    |
| <a href="#">Operations Management</a>                            | Groessler   |                 | 3    |
| <a href="#">Business Dynamics</a>                                | Termine     |                 | 3    |
| <a href="#">Entrepreneurship: Theory and Practice</a>            | Beck        |                 | 3    |
| <a href="#">Founders I</a>                                       | Gruber      | Founders option | 6    |
| Elective courses (12 ECTS)                                       | Lecturers   | Tags            | ECTS |
| <a href="#">Business Analytics</a>                               | Pieper      |                 | 3    |
| <a href="#">Critical Consumer Behavior</a>                       | Gibbert     |                 | 6    |
| <a href="#">Human Resources Management</a>                       | Solari      |                 | 3    |

|                                                                     |                   |   |
|---------------------------------------------------------------------|-------------------|---|
| <u>Natural Language Processing for Business and Finance</u>         | van der Plas      | 3 |
| <u>Natural Language Processing for Business and Finance Project</u> | van der Plas      | 3 |
| <u>Robotics</u>                                                     | Giusti            | 6 |
| <u>Software Quality &amp; Testing</u>                               | Pezzè             | 6 |
| <u>Text Analysis and Spatial Data for Economists</u>                | Parchet, D'Ambros | 6 |

### 3rd semester (SA 2027-2028)

| Core courses (6 ECTS)                               | Lecturers             | Tags            | ECTS |
|-----------------------------------------------------|-----------------------|-----------------|------|
| <u>Lean Six Sigma</u>                               | Rossetti              |                 | 6    |
| <u>Founders II</u>                                  | Gruber                | Founders option | 12   |
| Elective courses (24 ECTS)                          | Lecturers             | Tags            | ECTS |
| <u>Design Thinking</u>                              | Spengler              |                 | 3    |
| <u>Digital Challenges in Marketing and Big Data</u> | Silchenko             |                 | 3    |
| <u>Distributed Systems</u>                          | Eugster               |                 | 6    |
| <u>Innovation</u>                                   | Munshi                |                 | 3    |
| <u>Machine Learning (MSc)</u>                       | Wand                  |                 | 6    |
| <u>Mobile and Wearable Computing</u>                | Santini               |                 | 6    |
| <u>Organizational Design and Change</u>             | Pallotti              |                 | 3    |
| <u>Organizational Learning</u>                      | Beck                  |                 | 3    |
| <u>Systems Security</u>                             | Regazzoni             |                 | 6    |
| <u>User Experience Design</u>                       | Landoni, Langheinrich |                 | 6    |

MMI Master Thesis Preparation -  
Students who choose the thesis  
option may start their thesis in the  
third semester.

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### 4th semester (SP 2028)

| Core courses (0 ECTS)                                               | Lecturers            | Tags            | ECTS |
|---------------------------------------------------------------------|----------------------|-----------------|------|
| <u>Founders III</u>                                                 | Gruber               | Founders option | 12   |
| Elective courses (51 ECTS)                                          | Lecturers            | Tags            | ECTS |
| <u>Master Field Project</u>                                         | Langheinrich, Pedone |                 | 12   |
| <u>Critical Consumer Behavior</u>                                   | Gibbert              |                 | 6    |
| <u>Human Resources Management</u>                                   | Solari               |                 | 3    |
| <u>Information Security</u>                                         | Langheinrich         |                 | 6    |
| <u>Natural Language Processing for Business and Finance</u>         | van der Plas         |                 | 3    |
| <u>Natural Language Processing for Business and Finance Project</u> | van der Plas         |                 | 3    |
| <u>Robotics</u>                                                     | Giusti               |                 | 6    |
| <u>Software Quality &amp; Testing</u>                               | Pezzè                |                 | 6    |

|                                                             |    |
|-------------------------------------------------------------|----|
| <u>Text Analysis and Spatial Data for</u> Parchet, D'Ambros | 6  |
| <u>Economists</u>                                           |    |
| Thesis                                                      | 30 |

**Management track****Study Plan****1st semester (SA 2026-2027)**

| <b>Core courses (30 ECTS)</b>                  | <b>Lecturers</b> | <b>Tags</b>     | <b>ECTS</b> |
|------------------------------------------------|------------------|-----------------|-------------|
| <u>Enterprise Information Systems</u>          | Cappiello        |                 | 6           |
| <u>Enterprise Information Systems Modeling</u> | Plebani          |                 | 3           |
| <u>Project Management</u>                      | Bassi            |                 | 3           |
| <u>Databases</u>                               | Crestani         |                 | 6           |
| <u>Fundamentals of Informatics</u>             | Sharygina        |                 | 6           |
| <u>Introduction to Programming (Python)</u>    | Binder           |                 | 6           |
| <b>Elective courses (0 ECTS)</b>               | <b>Lecturers</b> | <b>Tags</b>     | <b>ECTS</b> |
| <u>Competitive and Market Intelligence</u>     | Martignoni       | Founders option | 3           |
| <u>Business Plans and Business Models</u>      | Martignoni       | Founders option | 3           |

**2nd semester (SP 2027)**

| <b>Core courses (18 ECTS)</b>                                       | <b>Lecturers</b>  | <b>Tags</b>     | <b>ECTS</b> |
|---------------------------------------------------------------------|-------------------|-----------------|-------------|
| <u>Business Intelligence and Applications</u>                       | Martinenghi       |                 | 6           |
| <u>Business Process Modeling, Management and Mining</u>             | Pautasso          |                 | 3           |
| <u>Operations Management</u>                                        | Groessler         |                 | 3           |
| <u>Discrete Structures</u>                                          | Wolf              |                 | 6           |
| <u>Founders I</u>                                                   | Gruber            | Founders option | 6           |
| <b>Elective courses (12 ECTS)</b>                                   | <b>Lecturers</b>  | <b>Tags</b>     | <b>ECTS</b> |
| <u>Business Analytics</u>                                           | Pieper            |                 | 3           |
| <u>Business Dynamics</u>                                            | Termine           |                 | 3           |
| <u>Critical Consumer Behavior</u>                                   | Gibbert           |                 | 6           |
| <u>Human Resources Management</u>                                   | Solari            |                 | 3           |
| <u>Natural Language Processing for Business and Finance</u>         | van der Plas      |                 | 3           |
| <u>Natural Language Processing for Business and Finance Project</u> | van der Plas      |                 | 3           |
| <u>Robotics</u>                                                     | Giusti            |                 | 6           |
| <u>Software Quality &amp; Testing</u>                               | Pezzè             |                 | 6           |
| <u>Text Analysis and Spatial Data for Economists</u>                | Parchet, D'Ambros |                 | 6           |
| <u>Theory of Computation</u>                                        | Sharygina         |                 | 6           |

**3rd semester (SA 2027-2028)**

| <b>Core courses (6 ECTS)</b> | <b>Lecturers</b> | <b>Tags</b> | <b>ECTS</b> |
|------------------------------|------------------|-------------|-------------|
| <u>Lean Six Sigma</u>        | Rossetti         |             | 6           |

|                                                                                                                              |                       |                 |             |
|------------------------------------------------------------------------------------------------------------------------------|-----------------------|-----------------|-------------|
| <u>Founders II</u>                                                                                                           | Gruber                | Founders option | 12          |
| <b>Elective courses (24 ECTS)</b>                                                                                            | <b>Lecturers</b>      | <b>Tags</b>     | <b>ECTS</b> |
| <u>Design Thinking</u>                                                                                                       | Spengler              |                 | 3           |
| <u>Digital Challenges in Marketing and Big Data</u>                                                                          | Silchenko             |                 | 3           |
| <u>Distributed Systems</u>                                                                                                   | Eugster               |                 | 6           |
| <u>Innovation</u>                                                                                                            | Munshi                |                 | 3           |
| <u>Machine Learning (MSc)</u>                                                                                                | Wand                  |                 | 6           |
| <u>Mobile and Wearable Computing</u>                                                                                         | Santini               |                 | 6           |
| <u>Organizational Design and Change</u>                                                                                      | Pallotti              |                 | 3           |
| <u>Organizational Learning</u>                                                                                               | Beck                  |                 | 3           |
| <u>Systems Security</u>                                                                                                      | Regazzoni             |                 | 6           |
| <u>User Experience Design</u>                                                                                                | Landoni, Langheinrich |                 | 6           |
| MMI Master Thesis Preparation -<br>Students who choose the thesis<br>option may start their thesis in the<br>third semester. |                       |                 | 0           |
| <b>4th semester (SP 2028)</b>                                                                                                |                       |                 |             |
| <b>Core courses (0 ECTS)</b>                                                                                                 | <b>Lecturers</b>      | <b>Tags</b>     | <b>ECTS</b> |
| <u>Founders III</u>                                                                                                          | Gruber                | Founders option | 12          |
| <b>Elective courses (57 ECTS)</b>                                                                                            | <b>Lecturers</b>      | <b>Tags</b>     | <b>ECTS</b> |
| <u>Master Field Project</u>                                                                                                  | Langheinrich, Pedone  |                 | 12          |
| <u>Critical Consumer Behavior</u>                                                                                            | Gibbert               |                 | 6           |
| <u>Discrete Structures</u>                                                                                                   | Wolf                  |                 | 6           |
| <u>Human Resources Management</u>                                                                                            | Solari                |                 | 3           |
| <u>Information Security</u>                                                                                                  | Langheinrich          |                 | 6           |
| <u>Natural Language Processing for Business and Finance</u>                                                                  | van der Plas          |                 | 3           |
| <u>Natural Language Processing for Business and Finance Project</u>                                                          | van der Plas          |                 | 3           |
| <u>Robotics</u>                                                                                                              | Giusti                |                 | 6           |
| <u>Software Quality &amp; Testing</u>                                                                                        | Pezzè                 |                 | 6           |
| <u>Text Analysis and Spatial Data for Economists</u>                                                                         | Parchet, D'Ambros     |                 | 6           |
| Thesis                                                                                                                       |                       |                 | 30          |