

## RECOMMENDED CAREER PLAN

### Master's Degree Programme in Data Analytics for Business and Society

Updated with the information  
regarding the 2023-24 a.y.

| Year                       | Term    | Exam code | Field code   | Subject  | Credits  | Credits total amount |   |    |   |
|----------------------------|---------|-----------|--|--|--|----------------------|---|----|---|
| 2022-23                    | 1       | EM1404    | INF/01   | Computer Programming and Data Management - 1st module (6/12 cfu)   | 6  | 60                   |   |    |   |
|                            |         | EM1401    | SECS-S/01  | Statistical Learning for Data Science - 1st module (6/12 cfu)      | 6  |                      |   |    |   |
|                            | 2       | EM1404    | INF/01   | Computer Programming and Data Management - 2nd module (6/12 cfu)   | 6  |                      |   |    |   |
|                            |         | EM1401    | SECS-S/01  | Statistical Learning for Data Science - 2nd module (6/12 cfu)      | 6  |                      |   |    |   |
|                            |         | EM1406    | SECS-P/07  | Digital business modelling   | 6  |                      |   |    |   |
|                            | 3       | EM1402    | SECS-P/01  | Economics of risk and agent's behaviour                            | 6  |                      |   |    |   |
|                            |         | EM1407    | MAT/09   | Managerial Decision Making and Modelling                           | 6  |                      |   |    |   |
|                            |         | EM1405    | ING-INF/05   | Data Analytics and Artificial Intelligence - 1st module (6/12 cfu) | 6  |                      |   |    |   |
|                            | 4       | EM1405    | ING-INF/05   | Data Analytics and Artificial Intelligence - 2nd (6/12 cfu)        | 6  |                      |   |    |   |
|                            |         | EM1403    | IUS/01   | Data Protection Regulation   | 6  |                      |   |    |   |
|                            | 2023-24 | 2         | Each student must choose either <b>Business Application</b> or <b>Fintech and Bigtech</b> and select at least 12 ECTS credits in the same path. In order to complete the 24 ECTS credits required, students can 1) choose 12 ECTS credits from their own path, or 2) choose 12 ECTS credits from the other path, or 3) choose 6 ECTS credits from their path and 6 ECTS credits from the other path. |  |  |                      | 24  | 60 |   |
|                            |         |           | <b>Business Application</b>  |  |  |                      |   |    |   |
|                            |         |           | 1  | EM1412   | SECS-P/08  |                      | Digital Marketing and Customer Analytics  |    | 6 |
|                            |         |           |  | EM1410   | SECS-S/03  |                      | Business Analytics (the course is offered in the 4th term in the 2023-24 academic year) |    | 6 |
|                            |         |           | 2  | EM1409   | SECS-P/09  |                      | Big Data in Corporate Finance and Banking   |    | 6 |
|                            |         |           |  | EM1411   | SECS-P/10  |                      | Digital HR and Organisation   |    | 6 |
| <b>Fintech and Bigtech</b> |         |           |  |  |  |                      |   |    |   |
| 1                          |         |           | EM1415   | SECS-P/05  | Predictive business and finance  | 6                    |   |    |   |
|                            |         |           | EM1413   | SECS-S/05  | Health data science (the course is offered in the 4th term in the 2023-24 academic year) | 6                    |   |    |   |
| 3                          |         |           | EM1414   | SECS-P/02  | Models and technology for the financial industry   | 6                    |   |    |   |
|                            |         |           | EM2091   | SECS-S/06  | Fintech: Technology for finance and insurance  | 6                    |   |    |   |
| <b>Elective credits *</b>  |         |           |  | 12   |  |                      |   |    |   |
| EM0106 Internship          |         |           |  | 6  |  |                      |   |    |   |
| EM0018 Final exam          |         |           |  | 18   |  |                      |   |    |   |
|                            |         |           |  |  |  | 120                  |   |    |   |

#### \* Courses recommended amongst elective credits (12 ECTS credits)

Students can either select these 12 ECTS credits from the groups of choice they have not selected from yet, or they can choose from the following exams:

| Year | Term | Exam code | Field code | Subject   | Credits |
|------|------|-----------|------------|---|---------|
| 2    | 1    | EM1421    | INF/01     | Social Media and Web Analytics  | 6       |
|      |      | EM1420    | SECS-P/03  | Policy Evaluation   | 6       |
|      | 2    | EM1418    | SECS-P/08  | Data driven competitive strategy and technology analysis  | 6       |
|      |      | EM2094    | IUS/05     | Fintech regulation and financial innovation<br>(the course is offered in the 3rd term in the 2022-23 academic year, while it is offered in the 2nd term in the 2023-24 academic year) | 6       |
|      | 3    | EM1416    | SECS-P/07  | Accounting information systems and financial analytics  | 6       |
|      |      | EM1422    | SECS-P/05  | Network Analysis  | 6       |

The Teaching Committee will verify whether the elective courses chosen by the student are coherent with the proposed programme. Coherence refers to individual study plans and will therefore take into consideration the suitability of the motivations supplied. The study plan will not be approved if there are serious inconsistencies.

# 2022-23 ACADEMIC CALENDAR

## Economic Area



|             |                  | Academic 2022-23 calendar |  |   |                                     |  |
|-------------|------------------|---------------------------|--|---|-------------------------------------|--|
|             |                  | from Monday               | to Saturday                            | LESSONS   | EXAMS                               | GRADUATION   |
|             |                  | 29 August 2022            | 10 September 2022                      | EXAMS (2 Weeks) 6 or 12 ECTS/CFU courses  |                                     |  |
| 1° semester | 1° term          | 12 September 2022         | 15 October 2022                        | LESSONS 1ST Term (5 Weeks)  |                                     | Oct-17 / Nov-5-2022<br>Autumn graduation session<br>Master's Degrees     |
|             |                  | 17 October 2022           | 22 October 2022                        | LESSONS 1ST Term (Rescheduled lessons)  |                                     |  |
|             |                  | 24 October 2022           | 5 November 2022                        | EXAMS - 6 ECTS/CFU courses 1st term<br>(suspension 12 ECTS/CFU courses)                                     |                                     |  |
|             | 7 November 2022  | 10 December 2022          | LESSONS 2nd Term (5 weeks)             |   |                                     |  |
| 2° term     | 12 December 2022 | 17 December 2022          | LESSONS 2nd Term (Rescheduled lessons) |   |                                     |  |
|             | 19 December 2022 | 23 December 2022          | EXAMS - 6 ECTS/CFU courses 2nd term    |   |                                     |  |
|             |                  | 26 December 2022          | 7 January 2023                         | Christmas Holiday   |                                     |  |
|             |                  | 9 January 2023            | 4 February 2023                        | EXAMS (4 weeks) 6 or 12 ECTS/CFU courses 1st Semester + 2nd semester<br>exams of the previous academic year |                                     |  |
| 2° semester | 3° term          | 6 February 2023           | 11 March 2023                          | LESSONS 3rd Term (5 weeks)  |                                     | March, 6-April, 1 2023<br>special graduation session<br>Master's Degrees |
|             |                  | 13 March 2023             | 18 March 2023                          | LESSONS 3rd Term (Rescheduled lessons)  |                                     |  |
|             |                  | 20 March 2023             | 25 March 2023                          | EXAMS - 6 ECTS/CFU courses 3rd term (suspension 12 ECTS/CFU courses)  |                                     |  |
|             | 4° term          | 27 March 2023             | 6 May 2023                             | LESSONS 4th Term (5 Weeks+1)  |                                     |  |
|             |                  | 8 May 2023                | 13 May 2023                            | Rescheduled lessons   |                                     |  |
|             |                  |                           | 15 May 2023                            | 20 May 2023   | EXAMS - 6 ECTS/CFU courses 4th term |  |
|             |                  | 22 May 2023               | 27 May 2023                            | Break   |                                     |  |
|             |                  | 29 May 2023               | 24 June 2023                           | EXAMS (4 Weeks) -<br>6 or 12 ECTS/CFU courses   |                                     |  |
|             |                  | 26 June 2023              | 29 July 2023                           | MINOR Courses (5 Weeks)   |                                     | 10-22 July 2023 Summer<br>graduation session<br>Master's Degrees         |
|             |                  |                           |  | Summer Holiday  |                                     |  |
|             |                  | 28 August 2023            | 9 September 2023                       | EXAMS (2 Weeks) 6 or 12 ECTS/CFU courses  |                                     |  |

# 2023-24 ACADEMIC CALENDAR

## Economic Area



|             |           | Academic 2023-24 calendar |  |   |                                     |   |
|-------------|-----------|---------------------------|--|---|-------------------------------------|---|
|             |           | from Monday               | to Saturday                            | LESSONS   | EXAMS                               | GRADUATION  |
|             |           | 28-Aug-23                 | 09-Sep-23                              | EXAMS (2 Weeks) 6 or 12 ECTS/CFU courses  |                                     |   |
| 1° semester | 1° term   | 11-Sep-23                 | 14-Oct-23                              | LESSONS 1ST Term (5 Weeks)  |                                     | Oct-16 / Nov-4-2023<br>Autumn graduation session<br>Master's Degrees        |
|             |           | 16-Oct-23                 | 21-Oct-23                              | LESSONS 1ST Term (Rescheduled lessons)  |                                     |   |
|             |           | 23-Oct-23                 | 28-Oct-23                              | EXAMS - 6 ECTS/CFU courses 1st term<br>(suspension 12 ECTS/CFU courses)                                     |                                     |   |
|             | 30-Oct-23 | 09-Dec-23                 | LESSONS 2nd Term (5 weeks)             |   |                                     |   |
| 2° term     | 11-Dec-23 | 16-Dec-23                 | LESSONS 2nd Term (Rescheduled lessons) |   |                                     |   |
|             | 18-Dec-23 | 23-Dec-23                 | EXAMS - 6 ECTS/CFU courses 2nd term    |   |                                     |   |
|             |           | 25-Dec-23                 | 06-Jan-24                              | Christmas Holiday   |                                     |   |
|             |           | 08-Jan-24                 | 03-Feb-24                              | EXAMS (4 weeks) 6 or 12 ECTS/CFU courses 1st Semester + 2nd semester<br>exams of the previous academic year |                                     |   |
| 2° semester | 3° term   | 05-Feb-24                 | 09-Mar-24                              | LESSONS 3rd Term (5 weeks)  |                                     | March, 4 - March, 30 2024<br>special graduation session<br>Master's Degrees |
|             |           | 11-Mar-24                 | 16-Mar-24                              | LESSONS 3rd Term (Rescheduled lessons)  |                                     |   |
|             |           | 18-Mar-24                 | 23-Mar-24                              | EXAMS - 6 ECTS/CFU courses 3rd term (suspension 12 ECTS/CFU courses)  |                                     |   |
|             | 4° term   | 25-Mar-24                 | 04-May-24                              | LESSONS 4th Term (5 Weeks+1)  |                                     |   |
|             |           | 06-May-24                 | 11-May-24                              | LESSONS 4rd Term (Rescheduled lessons)  |                                     |   |
|             |           |                           | 13-May-24                              | 18-May-24   | EXAMS - 6 ECTS/CFU courses 4th term |   |
|             |           | 20-May-24                 | 25-May-24                              | Break   |                                     |   |
|             |           | 27-May-24                 | 22-Jun-24                              | EXAMS (4 Weeks) -<br>6 or 12 ECTS/CFU courses   |                                     |   |
|             |           | 24-Jun-24                 | 20-Jul-24                              | MINOR Courses (5 Weeks)   |                                     | 8-20 July 2024 Summer<br>graduation session<br>Master's Degrees             |
|             |           | 22-Jul-24                 | 27-Jul-24                              | EXAMS Minor courses   |                                     |   |
|             |           | 29-Jul-24                 | 24-Aug-24                              | Summer Holiday  |                                     |   |
|             |           | 26 August 2024            |  | EXAMS (2 Weeks) 6 or 12 ECTS/CFU courses  |                                     |   |

## EXAM SESSIONS

### Exam Sessions scheme

Different exam sessions are scheduled during the academic year and each course includes at least 4 different dates in which the related exam can be taken.  
The organisation of the exam sessions depends on the course scheduling (that is the semester or term the course will take place) and is described in the chart here below.

| Term/<br>Semester                           | EXAM SESSIONS |          |           |       |     |           |                     |         |
|---|---------------|----------|-----------|-------|-----|-----------|---------------------|---------|
|   | October       | December | January   | March | May | June      | August<br>September | January |
| <b>Courses held in one term</b>             |               |          |           |       |     |           |                     |         |
| 6 ECTS/CFU courses                          |               |          |           |       |     |           |                     |         |
| 1st Term                                    | 1°            |          | 2°        |       |     | 3°        | 4°                  |         |
| 2nd Term                                    |               | 1°       | 2°        |       |     | 3°        | 4°                  |         |
| 3rd Term                                    |               |          |           | 1°    |     | 2°        | 3°                  | 4°      |
| 4th Term                                    |               |          |           |       | 1°  | 2°        | 3°                  | 4°      |
| <b>Semester courses (held in two terms)</b> |               |          |           |       |     |           |                     |         |
| 6 or 12 ECTS/CFU courses                    |               |          |           |       |     |           |                     |         |
| 1st semester                                |               |          | 1° and 2° |       |     | 3°        | 4°                  |         |
| 2nd semester                                |               |          |           |       |     | 1° and 2° | 3°                  | 4°      |