Master's degree program in DATA SCIENCE

(FDS02Q program code)

2026-2027 A.Y.

Study plan and useful information

Welcome meeting for first-year students

September 25, 2026

University account

- The University email address (username@campus.unimib.it) is usually activated a few days after the payment of the first installment.

- Students have to use the university email for every communication with the University offices.

- To access the University mailbox:
  Italian: https://www.unimib.it/ > Accedi a (comando in alto a destra) > Webmail
  English: https://en.unimib.it/ > Access to (on the top right) > Webmail
- University badge is sent by ordinary mail to the home address (*indirizzo di domicilio*) entered by the student. In case of problems please write to the address: segr.studenti.scienze@unimib.it

IMPORTANT TOOLS:

- 1) **Personal page on "Segreterie Online"**:
  Italian: https://s3w.si.unimib.it/Home.do
  English:https://s3w.si.unimib.it/Home.do;jsessionid=7F874ABC4258358934FF978CB848F0EF.esse3-unimib-prod-02?cod_lingua=eng
  After authentication, you can access from the menu to check the status of your career, manage and change your study plan, ISEE declaration, 150 hours, scholarships. From this page, it is also possible to register for the exam sessions.

- 2) **University website (**https://en.unimib.it/). Here you will find the general information common to all the degree courses offered by the University and the specific information of the degree courses, as well as the most frequently used online services and much information about several issues.

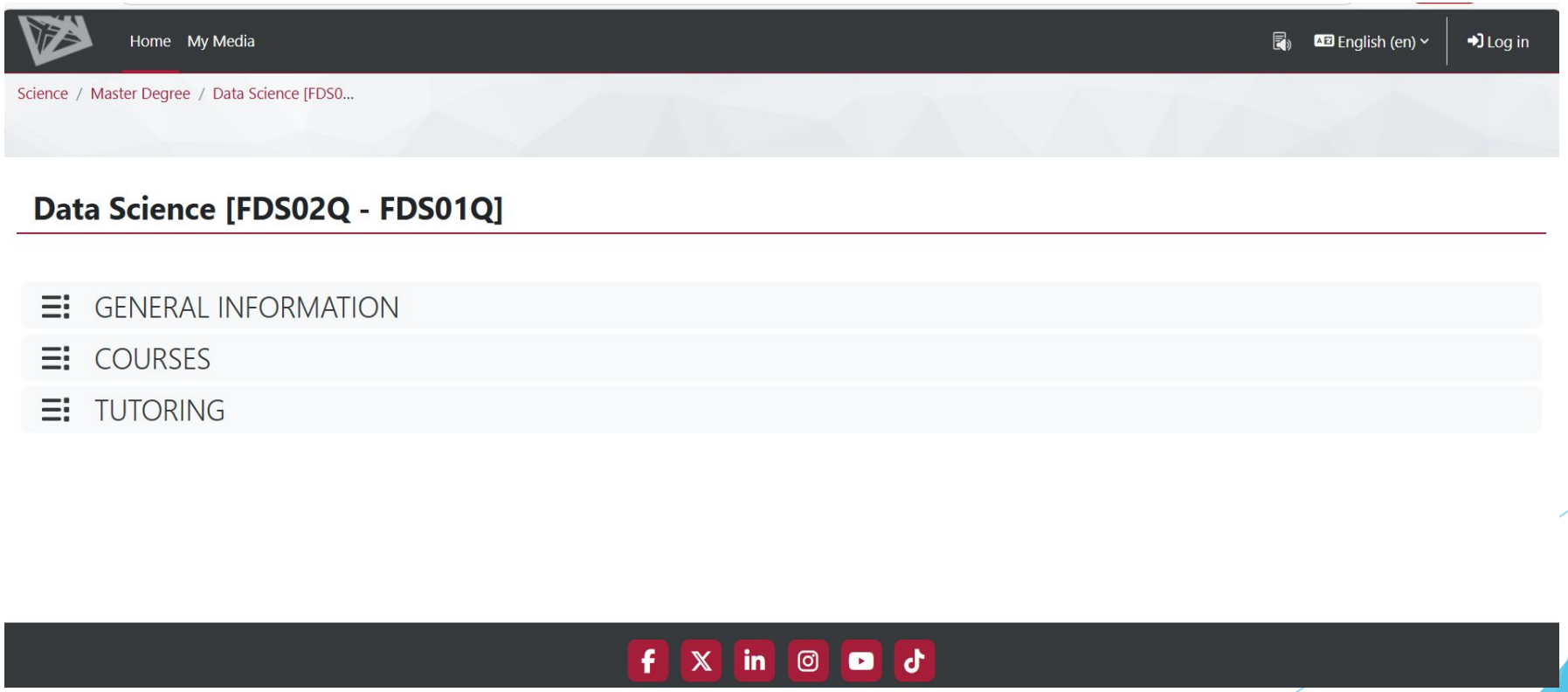
- 3) **Agenda Web:** https://gestioneorari.didattica.unimib.it/PortaleStudentiUnimib/ to check lessons schedule, exams, etc.
  Please check frequently the lessons schedule.

- 4) **E-learning platform** of Data Science (see next page).

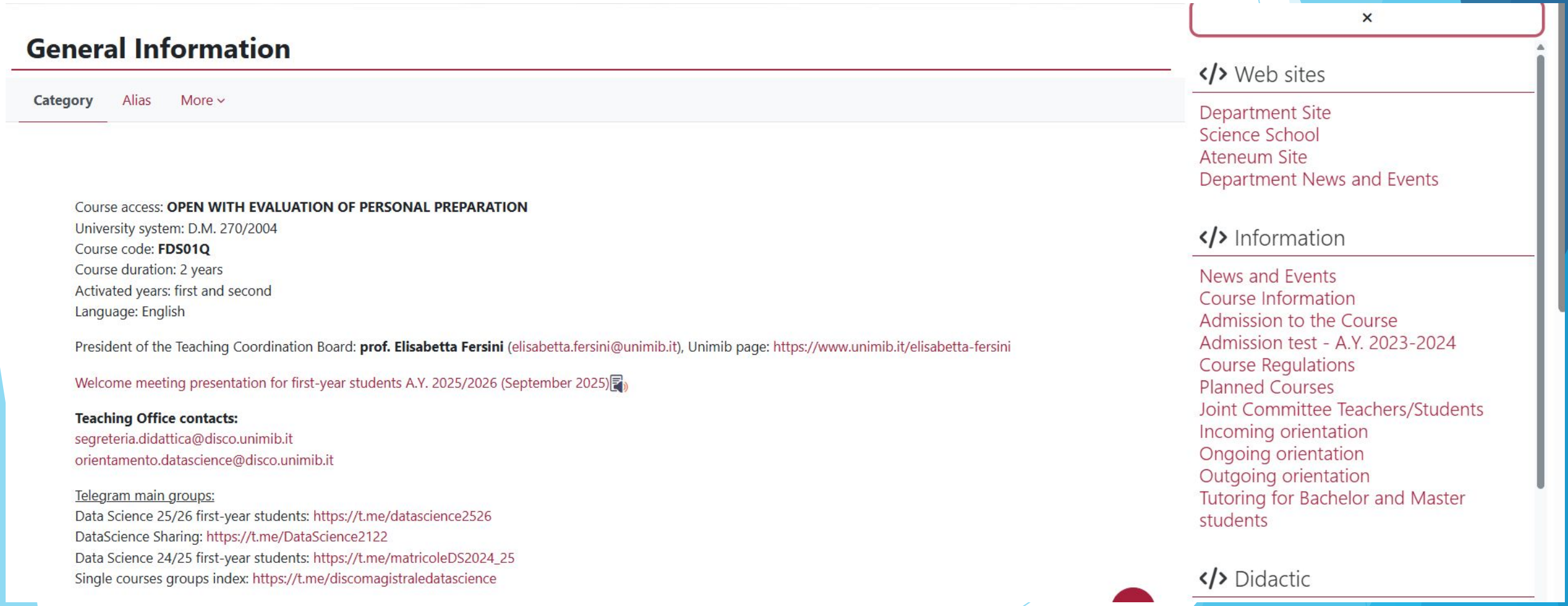
E-learning webpage of the program

https://elearning.unimib.it/course/index.php?categoryid=9172&lang=en

All students regularly enrolled in the study program can take advantage of the services offered on the E-learning platform.
In order to access you must authenticate with the University e-mail credential (only some general sections are open access).



The «General information» section provides much useful information (such as News and Events, Didatic Regulation, classes schedule webpage, traineeship, final thesis…. Its pages are periodically updated.



General Information

Category Alias More

Course access: **OPEN WITH EVALUATION OF PERSONAL PREPARATION**
University system: D.M. 270/2004
Course code: **FDS01Q**
Course duration: 2 years
Activated years: first and second
Language: English

President of the Teaching Coordination Board: **prof. Elisabetta Fersini** (elisabetta.fersini@unimib.it), Unimib page: https://www.unimib.it/elisabetta-fersini

Welcome meeting presentation for first-year students A.Y. 2025/2026 (September 2025)

Teaching Office contacts:
segreteria.didattica@disco.unimib.it
orientamento.datascience@disco.unimib.it

Telegram main groups:
Data Science 25/26 first-year students: https://t.me/datascience2526
DataScience Sharing: https://t.me/DataScience2122
Data Science 24/25 first-year students: https://t.me/matricoleDS2024_25
Single courses groups index: https://t.me/discomagistraledatascience

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Web sites

Department Site
Science School
Ateneum Site
Department News and Events

Information

News and Events
Course Information
Admission to the Course
Admission test - A.Y. 2023-2024
Course Regulations
Planned Courses
Joint Committee Teachers/Students
Incoming orientation
Ongoing orientation
Outgoing orientation
Tutoring for Bachelor and Master students

Didactic

The «General information» section provides much useful information (such as News and Events, Didatic Regulation, classes schedule webpage, traineeship, final thesis…. Its pages are periodically updated.

Department Joint Committee Teachers/Students - Contacts:

Teachers representatives:
Gianluigi Ciocca (Presidente/President): gianluigi.ciocca@unimib.it
Claudio Ferretti:claudio.ferretti@unimib.it
Gabriele Gianini: gabriele.gianini@unimib.it

Students representatives:
Daniel Vincent Horgan (Vice-President): d.horgan@campus.unimib.it
Matteo Bettani: m.bettani@campus.unimib.it
Susan Isabella Fusello: s.fusello@campus.unimib.it

Appointments:

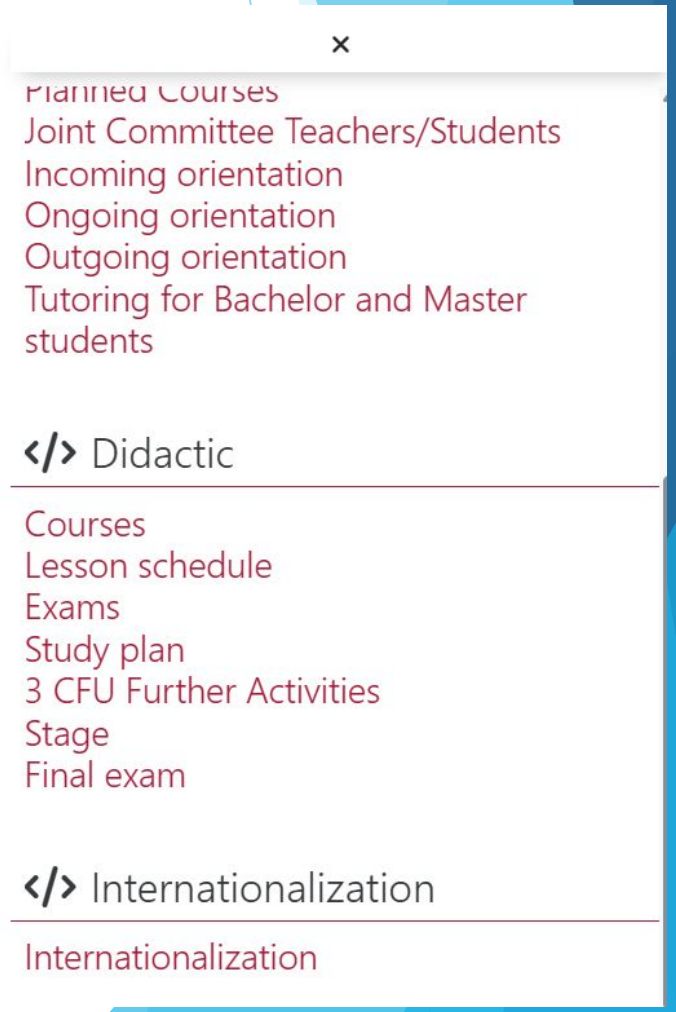
In order to book an appointment please send an email to segreteria.didattica@disco.unimib.it, writing in the subject line "appointment request" and explaining the motivation in the email body.

Face-to-face appointments are planned on Monday from 9 to 12 a.m.
(Abacus U14 building, viale Sarca 336 Milan, room T011, ground floor);
(please remember to book your appointment).

Remote appointments are planned on Tuesday from 9 to 12 a.m. (please remember to book your appointment).

It is possible to arrange remote appointments too (please remember to book your appointment).

The following modalities are always valid to contact us:
- by email;
- by phone, calling the numbers 02 6448 7862 - 02 6448 7860 during office hours (09.00-12.00 - 14.30-16.00).



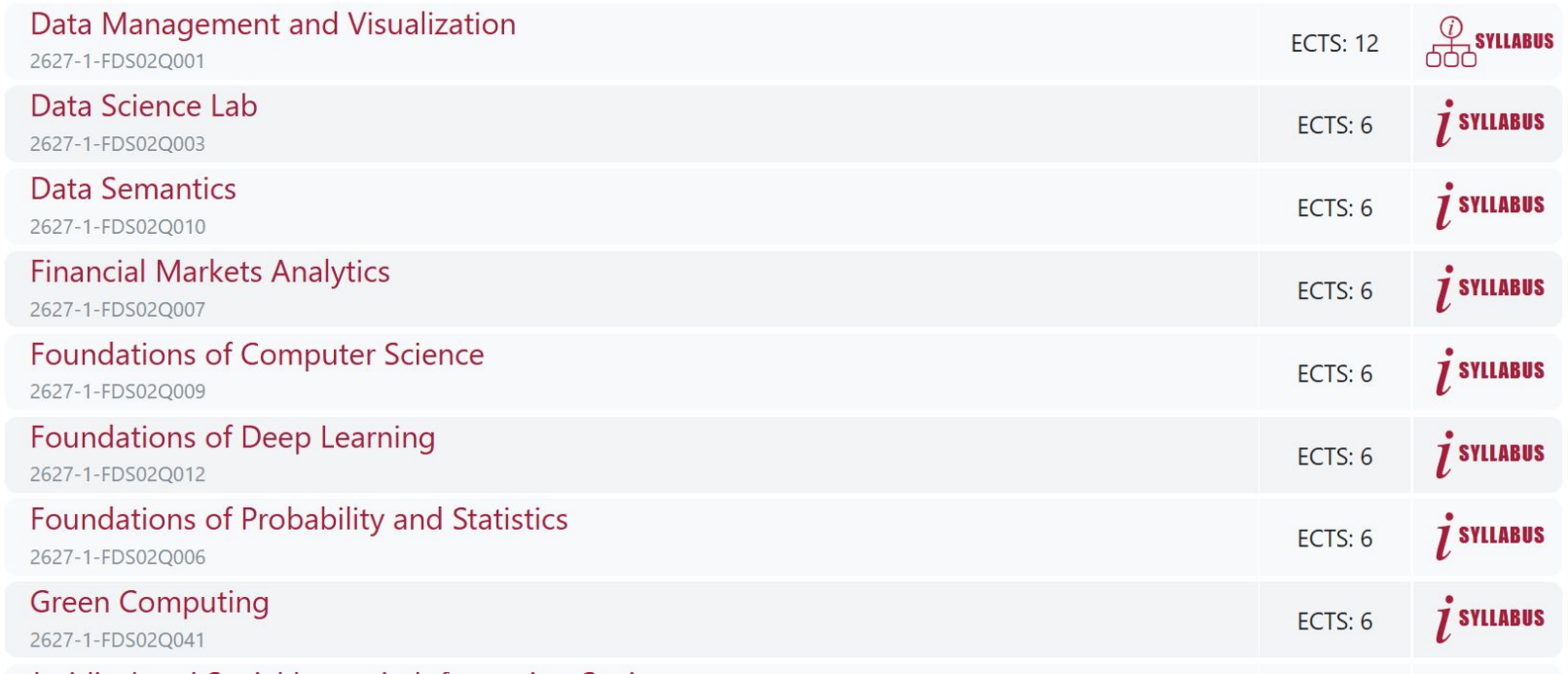
The “Courses” section provides details such as professor names, syllabus and exam modalities.

PLEASE REMEMBER TO SUBSCRIBE THE E-LEARNING PAGE OF THE COURSES YOU FOLLOW!
In this way you can receive the information and contents shared by lecturers.

In order not to lose any of this information, it is therefore important to enrol in Data Science as soon as possible: you will get the Unimib account and you will be able to subscribe those course pages.

You can subscribe to first semester courses whose classes have just started.

International students facing problems with their account activation are required to send a message on the DreamApply Platform.



WHAT IS MY STUDY PLAN?



1 YEAR
(2026-2027 A.Y.)

group 1 - Compulsory courses:

42 CFU MANDATORY ACTIVITIES:	CFU	Semester
DATA MANAGEMENT AND VISUALIZATION FDS02Q001	12	first
JURIDICAL AND SOCIAL ISSUES IN INFORMATION SOCIETY FDS02Q005	6	first
MACHINE LEARNING AND DECISION MODELS FDS02Q002	12	first and second
STATISTICAL MODELLING FDS02Q040	6	second
DATA SCIENCE LAB FDS02Q003	6	second

group 2 - Compulsory course to be chosen:

6 CFU TO BE CHOSEN BY THE STUDENT Students have to choose one among the courses below:	CFU	Semester
FOUNDATIONS OF PROBABILITY AND STATISTICS FDS02Q006	6	first
MARKETING ANALYTICS FDS02Q008	6	second
FINANCIAL MARKETS ANALYTICS FDS02Q007	6	second

You must select Foundations of Probability and Statistics if you received indications by the Admission Committee.

group 3 - Compulsory course to be chosen:

6 CFU TO BE CHOSEN BY THE STUDENT Students have to choose one among the courses below:	CFU	Semester
FOUNDATIONS OF COMPUTER SCIENCE FDS02Q009	6	first
DATA SEMANTICS FDS02Q010	6	second
FOUNDATIONS OF DEEP LEARNING FDS02Q012	6	second
GREEN COMPUTING FDS02Q041	6	second

You must select Foundations of Computer SCience if you received indications by the Admission Committee.

2 YEAR
(2027-2028 A.Y.)

group 1 - Compulsory course:

6 CFU MANDATORY ACTIVITY:	CFU	Semester (hypothesis)
TEXT MINING AND SEARCH FDS02Q013	6	first

group 2 - Compulsory course to be chosen:

6 CFU TO BE CHOSEN BY THE STUDENT Students have to choose one among the courses below:	CFU	Semester (hypothesis)
CYBERSECURITY FOR DATA SCIENCE FDS02Q015	6	first
TECHNOLOGICAL INFRASTRUCTURES FOR DATA SCIENCE FDS02Q016	6	first
DIGITAL SIGNAL AND IMAGE MANAGEMENT FDS02Q017	6	first
SOCIAL MEDIA ANALYTICS FDS02Q018	6	first
SERVICE SCIENCE FDS02Q019	6	first
BUSINESS INTELLIGENCE AND BIG DATA ANALYTICS FDS02Q037	6	first
EXPLAINABLE AI FOR DECISION MAKING FDS02Q044	6	first
NATURAL LANGUAGE PROCESSING FDS02Q011	6	second
REINFORCEMENT LEARNING FDS02Q042	6	first

group 3 - Compulsory course to be chosen:

6 CFU TO BE CHOSEN BY THE STUDENT Students have to choose one among the courses below:	CFU	Semester (hypothesis)
ECONOMICS FOR DATA SCIENCE FDS02Q021	6	second
HIGH DIMENSIONAL DATA ANALYSIS FDS02Q022	6	first
STREAMING DATA MANAGEMENT AND TIME SERIES ANALYSIS FDS02Q023	6	first

group 4 - Compulsory course to be chosen:

6 CFU TO BE CHOSEN BY THE STUDENT Students have to choose one among the courses below:	CFU	Semester (hypothesis)
DATA SCIENCE LAB IN ENVIRONMENT AND PHYSICS FDS02Q024	6	second
DATA SCIENCE LAB IN BIOSCIENCES FDS02Q025	6	second
DATA SCIENCE LAB IN MEDICINE FDS02Q026	6	second
DATA SCIENCE LAB IN BUSINESS AND MARKETING FDS02Q027	6	second
PUBLIC HEALTH DATA SCIENCE FDS02Q043	6	first
DATA SCIENCE LAB ON SMART CITIES FDS02Q038	6	second

group 5 - Other compulsory activities:

OTHER MANDATORY ACTIVITIES:	CFU	NOTES
ACTIVITIES TO BE FREELY CHOSEN BY THE STUDENT	12	Students can choose among the compulsory courses to be chosen (not previously selected) within Data Science, or other courses offered by the University.
FURTHER DIDACTIC ACTIVITIES: **FURTHER LANGUAGE SKILLS /** **OTHER ACTIVITIES USEFUL FOR JOB PLACEMENT**	3	FOREIGN students have to choose «Further languague skills» only: Italian proficiency (A2 level) by University test or certification accredited by the University. ITALIAN students can choose between a) «Further languague skills»: English proficiency (C1 level) or French, Spanish, German (B2 level) by University test or certification accredited by the University. **b)**«Other activities useful for job placement»: specific integrative activites that are described in the E-learning page.
STAGE/INTERNSHIP	6	Requirement to start the traineeship valid for 6 CFU: at least 54 CFU. It can be carried out 1) externally at a Company/Institution (in Italy or abroad); b) internally at a university laboratory; c) Project Work solution for working students.
FINAL THESIS	21	Requirement to start the final thesis: at least 54 CFU.

STUDY PLAN ON «SEGRETERIE ONLINE»

- A **statutory study** plan is conferred to all enrolled students at the beginning, which includes mandatory activities only (please see slide no. 9).
  - Please pay attention to the "Foundations" courses that have been given to you by the Admission Committee.
- Students can add in their study plan a maximum of 16 CFU as **extra-credits**: those extra-credits will not be included in the average calculation but they will be recorded in the student career (i.e. Diploma Supplement).

- Students are required to submit their own study plan, setting out all activities. The study plan will be approved by the Didactic Committee.
- <u>The study plan can be submitted within the established deadlines</u>

- **We will inform students through a message sent on E-learning webpage when the dates are official, together with the instructions to submit the study plan.**

CLASSES DIVISION for compulsory courses of the first semester:

According to the first letter of your surname/family name, you have to attend the following classes group:

A - K: group 1 (“turno 1”)
L - Z: group 2 (“turno 2”):

International Mobility

- **Students can take part in International mobility programs for study/traineeship/thesis**
  (https://en.unimib.it/study/international-mobility-programmes)
  University usually organizes meetings for students, when the Erasmus calls are published.

Where can I find the course organization?

- **Didactic Regulation A.Y. 2026/2027**
  Data Science E-learning page
  https://elearning.unimib.it/course/index.php?categoryid=9172&lang=en > General Information > click at the top right «Open block drawer» > Information > Didactic Regulation section.

- **Summary table A.Y. 2026/2027**
  Data Science E-learning page
  https://elearning.unimib.it/course/index.php?categoryid=9172&lang=en > General Information > click at the top right «Open block drawer» > Didactic > Study plan

MAIN EMAIL ADDRESSES AND LINKS

- Data Science President prof. Elisabetta Fersini: elisabetta.fersini@unimib.it
- Data Science Teaching Services office: segreteria.didattica@disco.unimib.it
- Students Secretariat (all procedures on "Segreterie Online", career actions, Student Card): segr.studenti.scienze@unimib.it
- International Students facing any administrative/bureaucratic (visa, enrollment, account) issues MUST send a message through the https://apply.unimib.it/ platform
- Taxes, scholarships, accommodation: segr.studenti.tasse@unimib.it and dsu@unimib.it
- Webpage: https://en.unimib.it/services/offices-and-facilities/fees-and-funding and https://www.unimib.it/servizi/studenti-e-laureati/diritto-allo-studio-tasse-150-ore

- Erasmus/International mobility: outgoing.erasmus@unimib.it and Bicocca University Angels: info.erasmus@unimib.it
  Webpage: https://www.unimib.it/internazionalizzazione/bicocca-international/mobilita-internazionale

- Data Science Erasmus coordinator prof. Gabriele Gianini
  gabriele.gianini@unimib.it

- Deputy for International Mobility - Department of Computer Science: prof. Fabio Stella
  fabio.stella@unimib.it

- Stage office: stage@unimib.it
  Webpage: https://www.unimib.it/servizi/stage-e-tirocini

- B-Inclusion office (for students with disabilities and Specific Learning Disorders):
  helpdesk.binclusion@unimib.it
  Webpage:
  https://en.unimib.it/services/offices-and-facilities/disability-sld-binclusion-space

- Psychological counselling: counselling.psicologico@unimib.it

All contacts are available at the webpage:

https://www.unimib.it/servizi/studenti-e-laureati/segreterie (ita)

https://en.unimib.it/services/offices-and-facilities/student-services (en)

under «Science Area»

DO NOT SEND the same question to different addresses through multiple emails!

If you are not sure you can write to segreteria.didattica@disco.unimib.it and we will inform you about the correct address.

Offices usually answer within 1 to 5 days (it may take longer at certain times of the year), therefore please be patient.

Foreign students:

ITALIAN LANGUAGE

As described in slide no. 15, foreign students (non-Italian speakers) must obtain the 3 CFU “Further activities” only through the Italian proficiency (A2 level) by University test or certification accredited by the University.

Nevertheless, please consider to further improve your knowledge of Italian language, in order to expand your job opportunities. This is very important if you wish to apply for an internship in Italian companies.

The University of Milano-Bicocca offers Italian language courses (https://en.unimib.it/education/mobility-opportunities/languages-unimib).

Freshman Tutoring

- A Data Science student **tutor for first-year students** has been recently appointed.
  We will notify soon her name and details.

- There will be:
  - Group meetings
  - Email support
  - Individual or small-group meetings via weekly online calls upon request