

Master's degree program in DATA SCIENCE (FDS02Q program code)

2025-2026 A.Y.

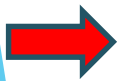
Study plan and useful information

Welcome meeting for first-year students

September 25, 2025

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 post 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



UNIMIB ACCOUNT FOR STUDENTS HOLDING AN INTERNATIONAL QUALIFICATION WILL BE AVAILABLE IN THE NEXT FEW DAYS, DUE TO TECHNICAL ISSUES.

IMPORTANT TOOLS:

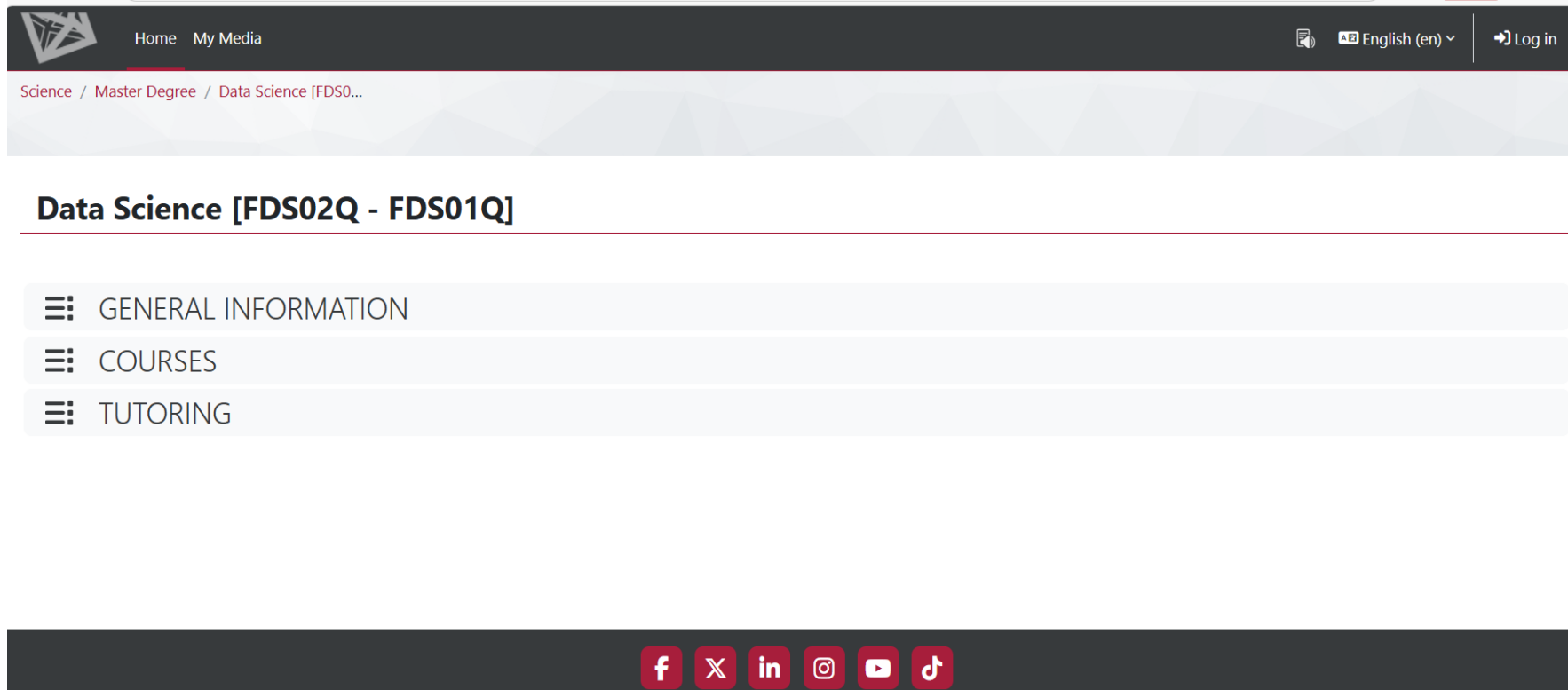
- ▶ 1) **Personal page on “Segreteria Online”:**
Italian: <https://s3w.si.unimib.it/Home.do>
English: https://s3w.si.unimib.it/Home.do;jsessionid=7F874ABC4258358934FF978CB848F0EF.esse3-unimib-prod-02?cod_lingua=eng
After authentication, you can access from the menu to check the status of your career, 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 screenshot displays the E-learning platform interface. At the top, a dark navigation bar contains the university logo, 'Home' and 'My Media' links, a language selector set to 'English (en)', and a 'Log in' button. Below this, a breadcrumb trail reads 'Science / Master Degree / Data Science [FDS0...'. The main content area features the title 'Data Science [FDS02Q - FDS01Q]' followed by a horizontal line. A sidebar on the left lists three menu items: 'GENERAL INFORMATION', 'COURSES', and 'TUTORING', each preceded by a hamburger icon. The footer is a dark bar with social media icons for Facebook, X, LinkedIn, Instagram, YouTube, and TikTok.

Home My Media English (en) Log in


Science / Master Degree / Data Science [FDS0...

Data Science [FDS02Q - FDS01Q]

- GENERAL INFORMATION
- COURSES
- TUTORING

f X in @ YouTube TikTok

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

General Information	
<p>Course access: OPEN WITH EVALUATION OF PERSONAL PREPARATION</p> <p>University system: D.M. 270/2004</p> <p>Course code: FDS01Q</p> <p>Course duration: 2 years</p> <p>Activated years: first and second</p> <p>Language: English</p> <p>President of the Teaching Coordination Board: Prof. Andrea Maurino (andrea.maurino@unimib.it)</p> <p>Welcome meeting presentation for first-year students A.Y. 2024/2025 (October 07, 2024) </p> <p>Teaching Office contacts:</p> <p>segreteria.didattica@disco.unimib.it</p> <p>orientamento.datascience@disco.unimib.it</p> <p>Student Representatives contacts:</p> <p>Amelia Maria Acuna Rodriguez: a.acunarodriguez@campus.unimib.it</p> <p><u>Telegram main groups:</u></p> <p>Data Science 25/26 first-year students: https://t.me/datascience2526</p> <p>DataScience Sharing: https://t.me/DataScience2122</p> <p>Data Science 24/25 first-year students: https://t.me/matricoleDS2024_25</p> <p>Single courses groups index: https://t.me/discomagistraledatascience</p> <p>Department Joint Committee Teachers/Students - Contacts:</p>	<div data-bbox="1493 502 1724 539"></> Information</div> <div data-bbox="1493 539 1724 941"> <p>News and Events</p> <p>Course Information</p> <p>Admission to the Course</p> <p>Admission test - A.Y. 2023-2024</p> <p>Course Regulations</p> <p>Planned Courses</p> <p>Joint Committee Teachers/Students</p> <p>Incoming orientation</p> <p>Ongoing orientation</p> <p>Outgoing orientation</p> <p>Tutoring for Bachelor and Master students</p> </div> <div data-bbox="1493 976 1724 1013"></> Didactic</div> <div data-bbox="1493 1013 1724 1260"> <p>Courses</p> <p>Lesson schedule</p> <p>Exams</p> <p>Study plan</p> <p>3 CFU Further Activities</p> <p>Stage</p> <p>Final exam</p> </div>

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.
Students holding an international qualification just have to wait some days.

Science / Master Degree / Data Science [FDS0... / Courses / A.A. 2025-2026 / 1st year

1st year		
Data Management and Visualization 2526-1-FDS02Q001	ECTS: 12	 SYLLABUS
Data Science Lab 2526-1-FDS02Q003	ECTS: 6	
Data Semantics 2526-1-FDS02Q010	ECTS: 6	
Financial Markets Analytics 2526-1-FDS02Q007	ECTS: 6	
Foundations of Computer Science 2526-1-FDS02Q009	ECTS: 6	
Foundations of Deep Learning 2526-1-FDS02Q012	ECTS: 6	
Foundations of Probability and Statistics 2526-1-FDS02Q006	ECTS: 6	
Green Computing 2526-1-FDS02Q041	ECTS: 6	
Juridical and Social Issues in Information Society 2526-1-FDS02Q005	ECTS: 6	
Machine Learning and Decision Models		

WHAT IS MY STUDY PLAN?



1 YEAR (2025-2026 A.Y.)

group 1 - Compulsory courses:

42 CFU <u>MANDATORY</u> 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:

FOUNDATIONS OF PROBABILITY AND STATISTICS
FDS02Q006

CFU

6

Semester

first

MARKETING ANALYTICS
FDS02Q008

6

second

FINANCIAL MARKETS ANALYTICS
FDS02Q007

6

second

group 3 - Compulsory course to be chosen:

6 CFU TO BE CHOSEN BY THE STUDENT

Students have to choose one among the courses below:

FOUNDATIONS OF COMPUTER SCIENCE
FDS02Q009

6

first

DATA SEMANTICS
FDS02Q010

6

second

FOUNDATIONS OF DEEP LEARNING
FDS02Q012

6

second

GREEN COMPUTING
FDS02Q041

6

second

2 YEAR (2026-2027 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	CFU	Semester (hypothesis)
Students have to choose one among the courses below:		
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
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	second
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:	3	FOREIGN students have to choose «Further language skills» only: Italian proficiency (A2 level) by University test or certification accredited by the University.
FURTHER LANGUAGE SKILLS /		ITALIAN students can choose between a) «Further language skills»: English proficiency (C1 level) or French, Spanish, German (B2 level) by University test or certification accredited by the University.
OTHER ACTIVITIES USEFUL FOR JOB PLACEMENT		b)«Other activities useful for job placement»: specific integrative activities 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.

- ▶ Students can take part in International mobility programs (for study/traineeship/thesis) (<https://www.unimib.it/studiare/bicocca-international/mobilita-internazionale>)
University usually organizes meetings for students, when the Erasmus calls are published.
- ▶ 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).

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. 8).
- ▶ Students are required to submit their own study plan, setting out all activities. The study plan will be approved by the Didactic body.
- ▶ Until the implementation of the modified study plan, students are bound to the submitted and approved plan and cannot sign up for other exams not included in it.
- ▶ The study plan can be submitted within the established deadlines (the dates below are to be confirmed):
 - ❑ **First period: November 2025**
 - ❑ **Second period: March 2026**
 - ❑ **Special period: January 2026 (ONLY for students enrolled in the first year who had not yet achieved the bachelor's degree in the previous November month)**
- ▶ 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.

Where can I find the course organization?

- ▶ **Didactic Regulation A.Y. 2025/2026**

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. 2025/2026**

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

- ▶ New 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" and career actions):
segr.studenti.scienze@unimib.it
- ▶ Administrative/bureaucratic procedures for students holding an international qualification: please 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
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>
- ▶ Job Placement: jobicocca@unimib.it
Webpage: <https://en.unimib.it/services/offices-and-facilities/orientation-office-job-placement/job-placement>
- ▶ 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»

Please do not send the same question to different addresses though 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.

Otherwise, you can send just 1 email to all addresses you are in doubt with.

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

Students holding a foreign qualification

- Please write your questions about administrative issues through the Dream Apply platform.
- Your Unimib account will be ready very soon.
- There are no refund policies in case you pay the first instalment and then you do not receive the Visa (since it is a regional tax).
The first instalment paid can't be refunded.

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.

The University is arranging further Italian language courses (<https://en.unimib.it/education/mobility-opportunities/languages-unimib>).

- ▶ **Data Science students representative** (until December 16, 2025):
Amelia Maria Acuna Rodriguez: a.acunarodriguez@campus.unimib.it
- ▶ Elections of new students representatives will be in December 2025.
- ▶ **Telegram Data Science 25/26 first-year students:**
<https://t.me/datascience2526>
- ▶ A Data Science student **tutor for first-year students** has been recently appointed.
We will notify soon his name and details.