

MASTER (LM) DEGREE COURSE IN
SOCIAL SCIENCES AND DIGITAL DATA
Study Plan 1: “Digital Innovation Strategist”
Study programme for students enrolled in the academic year 2026-2027

Course unit title	Type of educational activity (B = core, C = related or supplementary, D = elective, E = final examination, F = other activities)	Subject area	Scientific-disciplinary sector (SSD)	Compulsory (O) or Optional (Z)	Teaching delivery mode: on-campus (A), blended (B), online (C)	ECTS credits
Compulsory course units – Year 1						
DIGITAL SOCIOLOGY AND METHODS FOR A DATIFIED SOCIETY (I.C.)	B					
DIGITAL SOCIOLOGY (MOD. A)	B	Discipline sociologiche	GSPS-05/A	O	B	6
DIGITAL METHODS FOR A DATAFIED SOCIETY (MOD. B)	B	Discipline sociologiche	GSPS-08/B	O	B	6
BASIC COMPUTER SCIENCE	B	Discipline matematico-statistiche ed economiche	IINF-05/A	O	B	6
DIGITAL DATA AND TECHNOLOGY IN BEHAVIORAL SCIENCE	B	Discipline antropologiche, storico-geografiche e psico-pedagogiche	PSIC-03/A	O	B	6
STATISTICS FOR SOCIAL AND DIGITAL DATA	B	Discipline matematico-statistiche ed economiche	STAT-03/B	O	B	6
Optional course units – Year 1: 12 ECTS credits to be selected from:						
ENVIRONMENT AND DIGITAL DATA	C	Attività formative affini o integrative	GSPS-08/B	Z	B	6
DIGITAL POLITICS	C	Attività formative affini o integrative	GSPS-02/A	Z		6
DIGITAL LABOUR	C	Attività formative affini o integrative	GSPS-08/A	Z	B	6
SCIENCE, TECHNOLOGY AND SOCIETY	C	Attività formative affini o integrative	GSPS-05/A	Z		6

Optional laboratories units – Year 1: 6 ECTS credits to be selected from:						
DATA ANALYSIS WITH R	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
QUERIES AND PROMPTING	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
DATA GOVERNANCE: PRIVACY AND COPYRIGHT	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
Optional course units – Year 1: 3 ECTS credits to be selected from:						
ITALIAN LANGUAGE ¹	F	Ulteriori conoscenze linguistiche	--	Z		3
RESEARCH REPORTING ²	F	Ulteriori conoscenze linguistiche	--	Z		3
Compulsory course units – Year 2						
TECHNOLOGY AND CULTURE	B	Discipline sociologiche	GSPS-06/A	O	B	6
TEXTS AS DATA	B	Discipline matematico-statistiche ed economiche	STAT-03/B	O	B	6
ETHICS AND PHILOSOPHY OF DATA	B	Discipline storico-filosofiche	PHIL-05/A	O	B	6
SOCIAL MEDIA	B	Discipline sociologiche	GSPS-05/A	O		6
Optional course units – Year 2: 6 ECTS credits to be selected from:						
DIGITAL HEALTH AND SOCIETY	F	Attività formative affini o integrative	GSPS-05/A	Z	B	6
DIGITAL INTIMACIES	F	Attività formative affini o integrative	GSPS-06/A	Z	B	6
Optional laboratories units – Year 2: 3 ECTS credits to be selected from:						
DATA STORYTELLING	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
OFFICIAL STATISTICS IN THE DIGITAL ERA	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
FOLLOW THE DATA: DATA JOURNEY IN ORGANIZATIONS	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3

STAGE	F	Tirocini formativi e di orientamento	--	O	--	9
12 ELECTIVE COURSES / FREE-CHOICE CREDITS	D	--	--	O	--	12
FINAL EXAMINATION	E	Per la prova finale	--	O	--	15

ADDITIONAL INFORMATION

For students enrolling in the academic year 2026/2027, the international Master's Degree Programme in Social Sciences and Digital Data comprises 12 examinations over two years. Teaching activities are organised on a semester basis and delivered in blended mode, with at least 25% of teaching activities delivered online.

The Master's Degree Programme in Social Sciences and Digital Data offers students the opportunity to choose between two study plans:

- Digital Innovation Strategist (Study Plan 1 above);
- Digital Data Strategist (Study Plan 2 above).

Students are required to select one of these study plans in order to obtain automatic approval of their study plan.

Attendance requirement: attendance is mandatory for laboratory activities, in accordance with the Degree Programme Teaching Regulations.

Language activities:

¹Italian Language is mandatory for non-Italian-speaking students.

² Research Reporting is mandatory for Italian-speaking students.

Prerequisites: Prerequisites apply as follows: for the Digital Innovation Strategist study plan, the first-year course units Basic Computer Science and Statistics for Social and Digital Data are prerequisites for the second-year course unit Texts as Data.

STUDY PLANS SUBJECT TO AUTOMATIC APPROVAL

The study plan schemes subject to automatic approval are set out in Annex 3 to the Degree Programme Teaching Regulations and are available, for each enrolment cohort, on the Degree Programme page of the [Course Catalogue](#).

MASTER (LM) DEGREE COURSE IN
SOCIAL SCIENCES AND DIGITAL DATA
Study Plan 2: “Digital Data Strategist”

Study programme for students enrolled in the academic year 2026-2027[illegible]

DATA ANALYSIS WITH R	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
INTRODUCTION TO MACHINE LEARNING	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
INTRODUCTION TO PYTHON	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
Optional course units – Year 1: 3 ECTS credits to be selected from:						
ITALIAN LANGUAGE ¹	F	Ulteriori conoscenze linguistiche	--	Z		3
RESEARCH REPORTING ²	F	Ulteriori conoscenze linguistiche	--	Z		3
Compulsory course units – Year 2						
TECHNOLOGY AND CULTURE	B	Discipline sociologiche	GSPS-06/A	O	B	6
TEXTS AS DATA	B	Discipline matematico-statistiche ed economiche	STAT-03/B	O	B	6
ETHICS AND PHILOSOPHY OF DATA	B	Discipline storico-filosofiche	PHIL-05/A	O	B	6
SOCIAL MEDIA	B	Discipline sociologiche	GSPS-05/A	O		6
Optional course units – Year 2: 6 ECTS credits to be selected from:						
DATABASES AND DATA PROCESSING	F	Attività formative affini o integrative	IINF-05/A	Z		6
BUILDING FAIR DATA CULTURES: DESIGNING AND EVALUATING INTERVENTIONS	F	Attività formative affini o integrative	PAED-02/B	Z	B	6
Optional laboratories units – Year 2: 3 ECTS credits to be selected from:						
DATA STORYTELLING	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
SOCIAL MEDIA - LAB	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
ONLINE SURVEY DATA COLLECTION	F	Altre conoscenze utili per l'inserimento nel mondo del lavoro	--	Z		3
STAGE	F	Tirocini formativi e di orientamento	--	O	--	9

12 ELECTIVE COURSES / FREE-CHOICE CREDITS	D	--	--	O	--	12
FINAL EXAMINATION	E	Per la prova finale	--	O	--	15

ADDITIONAL INFORMATION

For students enrolling in the academic year 2026/2027, the international Master's Degree Programme in Social Sciences and Digital Data comprises 12 examinations over two years.

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Attendance requirement: attendance is mandatory for laboratory activities, in accordance with the Degree Programme Teaching Regulations.

Language activities:

¹Italian Language is mandatory for non-Italian-speaking students.

² Research Reporting is mandatory for Italian-speaking students.

Prerequisites: prerequisites apply as follows: for the Digital Data Strategist study plan, the first-year course units Basic Computer Science and Statistics for Social and Digital Data are prerequisites for the second-year course units Texts as Data and Databases and Data Processing. In addition, the first-year course unit Basic Computer Science is a prerequisite for the first-year laboratory activities Introduction to Machine Learning and Introduction to Python

STUDY PLANS SUBJECT TO AUTOMATIC APPROVAL

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