



Corso di Laurea magistrale / Master Degree in

ECONOMICS AND DATA ANALYSIS (LM-56 Scienze dell'economia) - COORTE 2023

<https://ls-eda.unibg.it/en>

STUDY PLAN A.Y. 2024-2025

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curriculum: **ECONOMICS AND DATA ANALYSIS (ED)**

curriculum: **DATA SCIENCE (DS)**

enrolment a.y. 2023-2024

enrolment a.y. 2023-2024

code	SSD	FIRST YEAR (a.y. 2023-2024)	CFU	LEZ	term
149018-ENG	SECS-S/01	Probability and Statistics (idoneità)	3	24	1
149019-ENG	SECS-P/01	Advanced Microeconomics and Macroeconomics:			A
149019-E1	SECS-P/01	Advanced Microeconomics	6	12	1
149019-E2	SECS-P/01	Advanced Macroeconomics	6	12	2
149009-ENG	SECS-S/06- SECS-S/01	Coding and Machine Learning:			A
149009-E1	SECS-S/06	Coding for Data Science	6	12	1
149009-E2	SECS-S/01	Machine Learning for Economics	6	12	2
110015-ENG	SECS-P/05	Advanced Econometrics	6	48	1
184002-ENG	IUS/04	International Markets and Companies Law	6	48	1
149002-ENG	SECS-P/01	Empirical Methods in Impact Evaluation	6	48	2
149013-ENG	SECS-P/02	Personnel Economics and HR Analytics	6	48	2
149020-ENG	SECS-P/06	Industrial Organization: Theory and Applications	6	48	2
149017-ENG	NN	Soft & Complementary skills (idoneità)	3	24	2

total First year credits **60**

code	SSD	FIRST YEAR (a.y. 2023-2024)	CFU	LEZ	term
149018-ENG	SECS-S/01	Probability and Statistics (idoneità)	3	24	1
149019-ENG	SECS-P/01	Advanced Microeconomics and Macroeconomics:			A
149019-E1	SECS-P/01	Advanced Microeconomics	6	12	1
149019-E2	SECS-P/01	Advanced Macroeconomics	6	12	2
149009-ENG	SECS-S/06- SECS-S/01	Coding and Machine Learning:			A
149009-E1	SECS-S/06	Coding for Data Science	6	12	1
149009-E2	SECS-S/01	Machine Learning for Economics	6	12	2
110015-ENG	SECS-P/05	Advanced Econometrics	6	48	1
184002-ENG	IUS/04	International Markets and Companies Law	6	48	1
149002-ENG	SECS-P/01	Empirical Methods in Impact Evaluation	6	48	2
110010-ENG	SECS-S/03	Data Production and Analysis	6	48	1
149016-ENG	SECS-S/01	Applied Statistical Modelling	6	48	1
149017-ENG	NN	Soft & Complementary skills (idoneità)	3	24	2

total First year credits **60**

code	SSD	SECOND YEAR (a.y. 2024-2025)	CFU	LEZ	sem
162022-ENG	SECS-P/11	Financial Instruments and Digital Finance	12	96	1
149006-ENG	SECS-P/02	European Economic Policy	6	48	1
149014-ENG	SECS-P/02	Digital Transformation and Policies	6	48	1
162017-ENG	SECS-P/01	Economic Growth and Sustainability	6	48	2
162018-ENG	SECS-P/03	Public Policies for Sustainability and the Environment	6	48	2
		scelta libera - Elective courses	12		
149001-ENG		Prova finale - Final dissertation	18		

total Second year credits **60**

TOTAL CREDITS 120

code	SSD	2nd YEAR (a.y. 2024-2025)	CFU	LEZ	sem
162022-ENG	SECS-P/11	Financial Instruments and Digital Finance	12	96	1
149021-ENG	SECS-S/01	Computational statistics	6	48	2
149012-ENG	SECS-S/06	Big Data Management	6	48	2
149011-ENG	SECS-S/03	Text Mining and Sentiment Analysis ⁽¹⁾	6	48	2
149006-ENG	SECS-P/02	European Economic Policy ⁽²⁾	6	48	1
149022-ENG	INF/01	Neural Networks and Deep Learning	6	48	2
		scelta libera - Elective courses ⁽³⁾	12		
149001-ENG		Prova finale - Final dissertation	18		

total Second year credits **60**

TOTAL CREDITS 120

NOTES FOR LABEL EMOS

EXTRACURR. cfu for LABEL EMOS: Thematic Activities

6

(1)	149011-ENG	Text Mining and Sentiment Analysis is compulsory for LABEL EMOS	6
(2)	149006-ENG	European Economic Policy is compulsory for LABEL EMOS	6
(3)	Compulsory for LABEL EMOS:		
	134005-ENG	Statistics for Management	6
	110020-ENG	Internship Official Statistics (internship at NSI)	6

THESIS PACKAGES for LABEL EMOS (tot. 42 cfu):

	year	cfu		
110026-ENG	SECS-S/01 - SECS-S/06	Coding and Machine Learning	1	12
110021-ENG	NN	Thematic Activities Official Statistics 1	2	3
110022-ENG	NN	Thematic Activities Official Statistics 2	2	3
110020-ENG	NN	Internship Official Statistics (internship at NSI)	2	6
110100-ENG		Prova finale - Final dissertation on Official Statistics issues	2	18