

Plan of Studies 2023–2024

Master of Science in Economics – Class LM-56

GENERAL ECONOMICS CURRICULUM

First year – 60 ECTS

ECTS	Course	Scientific Sector	TAF	Field
12	Mathematical Methods for Economics	SECS-S/06	B	Statistics/Mathematics
9	Advanced Statistics	SECS-S/01	B	Statistics/Mathematics
12	Advanced Macroeconomics	SECS-P/01	B	Economics
12	Advanced Microeconomics	SECS-P/01	B	Economics
9	Advanced Econometrics	SECS-P/05	B	Economics
6	European Economic Law	IUS/05	B	Law

Second year – 60 ECTS

ECTS	Course	Scientific Sector	TAF	Field
9	Student's choice		D	
15	Final dissertation		E	

24 ECTS chosen from (Economics electives)

- Topics in Microeconometrics (SECS-P/05)
- Globalization and Development (SECS-P/01)
- Labour Economics in a European Perspective (SECS-P/02)
- History of Economic Thought (SECS-P/04)
- Industrial Dynamics (SECS-P/02)
- Topics in Macroeconometrics (SECS-P/08)
- Economic Methodology (SECS-P/01)
- Economic Growth in History (SECS-P/12)
- Computational Economics (SECS-P/01)

12 ECTS chosen from (Management area)

- Economics and Management of Innovation (SECS-P/08)
- Business and Society (SECS-P/08)
- Financial Risk Management (SECS-P/11)

QUANTITATIVE FINANCE CURRICULUM

First year – 60 ECTS

ECTS	Course	Scientific Sector	TAF	Field
12	Mathematical Methods for Economics	SECS-S/06	B	Statistics/Mathematics
9	Advanced Statistics	SECS-S/01	B	Statistics/Mathematics
12	Advanced Macroeconomics	SECS-P/01	B	Economics
6	Mathematical Methods for Finance	SECS-S/06	C	Statistics/Mathematics
12	Advanced Microeconomics	SECS-P/01	B	Economics
9	Advanced Econometrics	SECS-P/05	B	Economics

Second year – 60 ECTS

ECTS	Course	Scientific Sector	TAF	Field
9	Financial Economics	SECS-P/02	C	Economics
6	Corporate Finance	SECS-P/11	B	Management
9	Student's choice		D	
18	Final dissertation		E	

Elective activities (6 ECTS – Financial electives)

- Financial Econometrics (SECS-P/05)
- Mathematical Methods for Insurance (SECS-S/06)

Elective activities (6 ECTS – Management area)

- Economics and Management of Innovation (SECS-P/08)
- Business and Society (SECS-P/08)
- Financial Risk Management (SECS-P/11)

Elective activities (6 ECTS – Law area)

- European Economic Law (IUS/05)
 - Law of financial markets and institutions (IUS/05)
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OFFICIAL STATISTICS CURRICULUM

First year – 60 ECTS

ECTS	Course	Scientific Sector	TAF	Field
9	Advanced Statistics	SECS-S/01	B	Statistics/Mathematics
12	Advanced Macroeconomics	SECS-P/01	B	Economics
12	Advanced Microeconomics	SECS-P/01	B	Economics
9	Advanced Econometrics	SECS-P/05	B	Economics

Elective activities (12 ECTS - Management area)

- Economics and Management of Innovation (SECS-P/08)
- Business and Society (SECS-P/08)
- Financial Risk Management (SECS-P/11)

Elective activities (6 ECTS - Law area)

- European Economic Law (IUS/05)
- Law of Financial Markets and Institutions (IUS/05)

Second year – 60 ECTS

ECTS	Course	Scientific Sector	TAF	Field
12	Official Statistics (Internship – ESS)	SECS-S/01	C	Statistics/Mathematics
30	Final dissertation		E	

Elective activities (12 ECTS - Statistics EMOS core area)

- Survey Methods: Traditional and New Techniques in Official Statistics (SECS-S/01)
- European Statistical System and Data Production Model (SECS-S/01)

Elective activities (6 ECTS - EMOS elective area)

- Macroeconometrics (SECS-P/05)
- Analysis of Survey Data and Small Area Estimation (SECS-S/01)

Legend: ECTS = European Credit Transfer System; TAF = Type of Activity; B = Core; C = Elective; D = Free choice; E = Final exam