

## 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	

**Elective activities (24 ECTS), to be choosen between:**

ECTS	Course	Scientific Sector	TAF	Field
6	Topics in Microeconometrics	SECS-P/05	C	Economics Electives
6	Globalization and Development	SECS-P/01	C	Economics Electives
6	Labour Economics in a European Perspective	SECS-P/02	C	Economics Electives
6	History of Economic Thought	SECS-P/04	C	Economics Electives
6	Industrial Dynamics	SECS-P/02	C	Economics Electives
6	Topics in Macroeconometrics	SECS-P/08	C	Economics Electives
6	Economic Methodology	SECS-P/01	C	Economics Electives
9	Economic Growth in History	SECS-P/12	C	Economics Electives
9	Computational Economics	SECS-P/01	C	Economics Electives

**Elective activities (12 ECTS), to be choosen between:**

ECTS	Course	Scientific Sector	TAF	Field
6	Economics and Management of Innovation	SECS-P/08	B	Management Electives
6	Business and Society	SECS-P/08	B	Management Electives
6	Financial Risk Management	SECS-P/11	B	Management Electives

## 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), to be choosen between:**

ECTS	Course	Scientific Sector	TAF	Field
6	Financial Econometrics	SECS-P/05	C	Financial Electives
6	Mathematical Methods for Insurance	SECS-S/06	C	Financial Electives

**Elective activities (6 ECTS), to be choosen between:**

ECTS	Course	Scientific Sector	TAF	Field
12	Economics and Management of Innovation	SECS-P/08	B	Management Electives
6	Business and Society	SECS-P/08	B	Management Electives
6	Financial Risk Management	SECS-P/11	B	Management Electives

**Elective activities (6 ECTS), to be choosen between:**

ECTS	Course	Scientific Sector	TAF	Field
6	European Economic Law	IUS/05	B	Law Electives
6	Law of Financial Markets and Institutions	IUS/05	B	Law Electives

## 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), to be choosen between:**

ECTS	Course	Scientific Sector	TAF	Field
12	Economics and Management of Innovation	SECS-P/08	B	Management Electives
6	Business and Society	SECS-P/08	B	Management Electives
6	Financial Risk Management	SECS-P/11	B	Management Electives

**Elective activities (6 ECTS), to be choosen between:**

ECTS	Course	Scientific Sector	TAF	Field
6	European Economic Law	IUS/05	B	Law Electives
6	Law of Financial Markets and Institutions	IUS/05	B	Law Electives

### *Second year – 60 ECTS*

ECTS	Course	Scientific Sector	TAF	Field
12	Official Statistics (Internship – ESS)	SECS-S/01	C	Statistics/Mathematics
6	Survey Methods: Traditional and New Techniques in Official Statistic	SECS-S/01	C	Statistics EMOS core electives
6	European Statistical System and Data Production Model	SECS-S/01	C	Statistics EMOS core electives
30	Final dissertation		E	

**Elective activities (6 ECTS), to be choosen between:**

ECTS	Course	Scientific Sector	TAF	Field
6	Macroeconometrics	SECS-P/05	C	EMOS electives
6	Analysis of Survey Data and Small Area Estimation	SECS-S/01	C	EMOS electives

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