

Plan of studies 2024-2025

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
9	Advanced Macroeconomics I	SECS-P/01	B	Economics
9	Advanced Microeconomics I	SECS-P/01	B	Economics
9	Advanced Econometrics	SECS-P/05	B	Economics
12 ECTS chosen from				
12	Economics and management of innovation	SECS-P/08	B	Management Area
6	Business and Society	SECS-P/08		
6	Financial Risk Management	SECS-P/12		

Second year – 60 ECTS				
ECTS	Course	Scientific Sector	TAF	Field
6	Advanced Macroeconomics II	SECS-P/01	B	Economics
6	Advanced Microeconomics II	SECS-P/03	B	Economics
9	Student's choice		D	
15	Final dissertation		E	
18 ECTS chosen from				
6	Microeconometrics	SECS-P/05		
6	Economic development	SECS-P/01		
6	Labour economics	SECS-P/02		
6	Advanced history of economic thought	SECS-P/04		
6	Industrial dynamics	SECS-P/02	C	Economics Electives
6	Macroeconometrics	SECS-P/08		
6	Economic methodology	SECS-P/01		
9	Economic history	SECS-P/12		
9	Computational economics	SECS-P/01		
6 ECTS chosen from				
6	European economic law,	IUS/05		
6	Law of financial markets and institutions	IUS/05	B	Law Area

LEGEND: ECTS – Number of Credits; TAF - type of activity; B - Core; C - Elective; D - free choice; E - Final exam

QUANTITATIVE FINANCE CURRICULUM

First year – 60 ECTS I					
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
9	Advanced Macroeconomics I		SECS-P/01	B	Economics
6	Mathematical Methods for finance		SECS-S/06	C	Statistics/mathematics
9	Advanced Microeconomics I		SECS-P/01	B	Economics
9	Advanced Econometrics		SECS-P/05	B	Economics
12 CFU chosen from:,					
12	Economics and management of innovation		SECS-P/08		
6	Business and Society		SECS-P/08	B	Management Area
6	Financial Risk Management		SECS-P/12		
6 CFU chosen from:					
6	European Economic Law,		IUS/05		
6	Law of financial markets and institutions		IUS/05	B	Law Area

Second year – 60 ECTS I					
ECTS		Course	Scientific Sector	TAF	Field
9	Financial Economics		SECS-P/02	C	Economics
12	Student's choice			D	
15	Final dissertation			E	
12 ECTS chosen from					
6	Financial Econometrics		SECS-P/05	C	Financial Electives
6	Mathematical Methods for Insurance		SECS-S/06		
6	Corporate Finance		SECS-P/09		
6	Economics of saving & ESG investing		SECS-P/03		
12 ECTS chose from					
12	Economics and management of innovation		SECS-P/08	B	Management Area
6	Business and Society		SECS-P/08		
6	Financial Risk Management		SECS-P/12		

LEGEND: ECTS – Number of Credits; TAF - type of activity; B - Core; C - Elective; D - free choice; E - Final exam

OFFICIAL STATISTICS 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
9	Advanced Macroeconomics I	SECS-P/01	B	Economics
9	Advanced Microeconomics I	SECS-P/01	B	Economics
9	Advanced Econometrics	SECS-P/05	B	Economics
12 ECTS chosen from				
12	Economics and management of innovation	SECS-P/08	B	Management Area
6	Business and Society	SECS-P/08		
6	Financial Risk Management	SECS-P/11		

Second year – 60 ECTS				
ECTS	Course	Scientific Sector	TAF	Field
12	Official Statistics	SECS-S/01	C	Statistics/mathematics
9	Student's choice		D	
15	Final dissertation		E	
12 ECTS Chosen from				
6	Survey Methods: Traditional and New Techniques in Official Statistic	SECS-S/01	C	Statistics EMOS core
6	European Statistical System and Data Production Model	SECS-S/01		
6 ECTS chosen from				
6	Macroeconometrics	SECS-P/05	C	EMOS Elective
6	Analysis of Survey Data and Small Area Estimation	SECS-S/01		
6 ECTS chosen from				
6	European Economic Law,	IUS/05	B	Law Area
6	Law of financial markets and institutions	IUS/05		

LEGEND: ECTS – Number of Credits; TAF - type of activity; B - Core; C - Elective; D - free choice; E - Final exam

Important note on the Official Statistics curriculum: in order to obtain the EMOS certification the 9 ECTS of student's choice should be allocated to the Final Dissertation. Therefore, the Final Dissertation should consist in 24 ECTS.

The “Official Statistics” 12 ECTS activity consists in an internship at an Institution that is part of the European Statistical System.