

Curriculum Economics, track Economics

First year

Mandatory Courses	Ects	Semester	Instructor(s) ⁵	Sector
Game Theory and Microeconomics ⁶	9	1	Domenico Menicucci	Secs-s/06
Mathematics for Economics ⁷	9	1	Antonio Villanacci	Secs-s/06
Statistical Inference	6	1	Alberto Cassese	Secs-s/01
Advanced Macroeconomics ⁷	9	2	Corrado Di Guilmi	Secs-p/01
Advanced Microeconomics ⁶	6	2	Annalisa Luporini	Secs-p/01
Corporate Governance, Bank Management and Sustainable Finance	12	2	Sara De Masi , Nicola Del Sarto , Federica Ielasi	Secs-p/08, Secs-p/11

Choose one course from:	Ects	Semester	Instructor(s)	Sector
Economic Law	6	1	Filippo Zatti	Ius/05
International Law	6	1	Antonio Bultrini	Ius/13

Second year

Mandatory Course	Ects	Semester	Instructor(s)	Sector
Political Economy ⁸	6	1	Alessandro Gioffré	Secs-p/01

Choose two courses from:	Ects	Semester	Instructor(s)	Sector
Behavioural and Social Evolution	6	1	Leonardo Boncinelli	Secs-p/02
Macroeconometrics	6	1	Gabriele Fiorentini	Secs-p/05
Microeconometrics	6	1	Alessandro Palandri	Secs-p/05

Choose one course from:	Ects	Semester	Instructor(s)	Sector
International Trade	6	1	Giorgia Giovannetti	Secs-p/01
Labour Economics and Gender	6	1	Gianna Claudia Giannelli	Secs-p/02
Regulation and digital markets	6	1	Lapo Filistrucchi	Secs-p/03
Behavioural Economics	6	2	Chiara Rapallini	Secs-p/03
Computational Economics	6	2	Domenico Colucci	Secs-p/02

Choose courses for 6 Ects from	Ects	Semester	Instructor(s)
Statistics Lab	3	1	Alberto Cassese
Mathematics Laboratory	6		Antonio Villanacci
Econometrics Lab	6	2	Alessandro Palandri
Economics Lab	6	2	Lapo Filistrucchi
Stata Lab I: Software	3	2	Gianluca Stefani
Stata Lab II: Models and Applications	3	2	Giulio Grossi

⁵ Clicking on the instructor's name leads to the instructor's webpage at University of Firenze. Clicking on "Insegnamenti" on such page leads to the page of the courses given by the instructor.

⁶ You should pass the exam of Game Theory and Microeconomics before you take the exam of Advanced Microeconomics, because the content of Game Theory and Microeconomics is helpful to understand the content of Advanced Microeconomics. If you pass the exam of Advanced Microeconomics before passing the exam of Game Theory and Microeconomics, then the former exam will not appear in your student career as passed until you will have passed the latter exam.

⁷ You should pass the exam of Mathematics for Economics before you take the exam of Advanced Macroeconomics, because the content of Mathematics for Economics is helpful to understand the content of Advanced Macroeconomics. If you pass the exam of Advanced Macroeconomics before passing the exam of Mathematics for Economics, then the former exam will not appear in your student career as passed until you will have passed the latter exam.

⁸ You should pass the exam of Advanced Macroeconomics before you take the exam of Political Economy, because the content of Advanced Macroeconomics is helpful to understand the content of Political Economy. If you pass the exam of Political Economy before passing the exam of Advanced Macroeconomics, then the former exam will not appear in your student career as passed until you will have passed the latter exam.

Choose optional courses and/or Internship for at least 12 Ects. For instance⁹	Ects	Semester	Instructor(s)	Sector
Behavioural and Social Evolution	6	1	Leonardo Boncinelli	Secs-p/02
Computational Finance*	6	1	Lucio Geronazzo	Secs-s/06
Demography and Global Politics	6	1	Gustavo De Santis	Secs-S/04
Economic History of Globalisation	6	1	Francesco Ammannati , Valerio Cerretano	Secs-p/12
Economic Law	6	1	Filippo Zatti	Ius/05
Elements of Policy Evaluation Methods	6	1	Fiammetta Menchetti , Giulio Grossi	Secs-S/01
Energy, Environment and European Security	9	1	Rossella Bardazzi , Maria Grazia Paziienza , Alberto Tonini	Secs-p/02
Energy and Environmental Economics**	6	1	Rossella Bardazzi , Maria Grazia Paziienza , Alberto Tonini	Secs-p/02
Environmental Economics and Policy**	6	1	Stefano Clò	Secs-p/02
Fundamentals of Machine Learning***	6	1	Bagdanov Andrew David	Ing-Inf/05
Health and Education Economics	6	1	Lisa Grazzini	Secs-p/03
History of Economic Thought	6	1	Antonio Magliulo	Secs-p/04
International Law	6	1	Antonio Bultrini	Ius/13
International Trade	6	1	Giorgia Giovannetti	Secs-p/01
Labour Economics and Gender	6	1	Gianna Claudia Giannelli	Secs-p/02
Macroeconometrics	6	1	Gabriele Fiorentini	Secs-p/05
Mathematics Laboratory	6		Antonio Villanacci	
Microeconometrics	6	1	Alessandro Palandri	Secs-p/05
Policy Evaluation Methods	9	1	Fiammetta Menchetti , Giulio Grossi	Secs-s/01
Quantitative Finance and Derivatives	9	1	Maria Elvira Mancino	Secs-s/06
Regulation and digital markets	6	1	Lapo Filistrucchi	Secs-p/03
Statistics Lab	3	1	Alberto Cassese	
Behavioural Economics	6	2	Chiara Rapallini	Secs-p/03
Computational Economics	6	2	Domenico Colucci	Secs-p/02
Econometrics Lab	6	2	Alessandro Palandri	
Economic Demography	6	2	Gustavo De Santis	Secs-S/04
Economics Lab	6	2	Lapo Filistrucchi	
Economics of Innovation	6	2	Annalisa Caloffi	Secs-p/06
Quantitative Risk Management*	6	2	Giacomo Toscano	Secs-s/06
Statistical Analysis of Network Data	6	2	Maria Francesca Marino	Secs-s/01
Statistical Learning for Data Science***	6	2	Anna Gottard	Secs-s/01
Stata Lab. I: Software	3	2	Gianluca Stefani	
Stata Lab. II: Models and Applications	3	2	Giulio Grossi	
Statistical Information Systems: Big Data, Open Data and Semantic Web	6	2	Cristina Martelli	Secs-s/03

Thesis	21 Ects
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⁹ The courses to be inserted here can be any courses offered by the University of Firenze, provided the course content is consistent with the topics of the MSc Economics and Development. The courses in the following list satisfy this condition.

** The courses Energy and Environmental Economics and Environmental Economics and Policy are useful for students interested in acquiring a specialization in environmental economics and energy economics.

*** The courses Fundamentals of Machine Learning and Statistical Learning for Data Science are useful for students interested in statistics for machine learning.