

Economics Department**2021-2022 Past Courses****GENERAL COURSE PROGRAMME**

Each teaching block is followed by exams – please see overview below:

Teaching Block I	Teaching Block II	Teaching Block III	Teaching Block IV
26 August - 8 November	10 November - 21 January`	25 January - 25 March	29 March - 27 May
Exam Week: 2-8 November	Exam Week: 17-21 January	Exam Week: 21-25 March	Exam Week: 23-27 May

Compulsory courses

These courses are compulsory for first-year research students. For each compulsory course there are additional exercise classes by teaching assistants.

The background course on Mathematics and the background course on Probability and Statistics run intensively in August and September, while the other compulsory courses (divided in 3 modules) run twice a week from early September till end of March. The Macroeconomics module will start in the second teaching block (in November) and continue until early June.

In addition, a 5-class methods course will run in Teaching Block IV in the Spring.

Advanced Courses

During the first, second and third year, students are required to pass 8 advanced courses to be chosen with the agreement of the supervisor/advisor. First-year students can only attend advanced courses in block IV.

Each teaching block is followed by exams.

Advanced Courses

To register please click on the Common [Course Catalog](#)

Teaching Block 1

- The Econometrics of Causality, (Fabrizia Mealli) - ECO-AD-ECONCAU - Full Credit
- Machine Learning for Economist, (Sergio Pastorello) - ECO-AD-MACHLEAR - Full Credit
- Modern Difference-in-Differences, (Mirjam Reutter) - ECO-AD-CAUINF - Half Credit
- Firm Heterogeneity in Macroeconomics, (Basile Grassi) - ECO-AD-FIRMHETMA - Half Credit
- Quantitative Methods and Applications: Dynamic Factor Demand, (Russell Cooper)- ECO-AD-DYNFAC - Half credit
- Fiscal and Monetary Policy and Institutions in a Century of Crises, (Ramon Marimon)- ECO-AD-FISMON - Full Credit
- Asset Pricing and Bubbles, (Edouard Challe) - ECO-AD-ASSPRIBUB - Half Credit
- Empirical Industrial Organization, (Philipp Schmidt-Dengler) - ECO-AD-EMPIO - Full Credit

Teaching Block 2

- Economic Measurements, (Sule Alan, Tomas Crossley) - Full Credit - ECO-AD-ECNMSM
- Life-Cycle Heterogeneous Agents Models: Solution and Estimation, (Jesus Bueren) - Full Credit - ECO-AD-HETAGT
- Computations and Quantitative Models in Macro, (Alexander Monge-Naranjo) - Half Credit - ECO-AD-COMQUANM
- Topics on Housing and the Macroeconomy, (Antonia Díaz) - Half Credit - ECO-AD-HOUSMACR
- Macro Models with Exogenous and Endogenous Incomplete Markets, (Árpád Ábrahám)- Half Credit - ECO-AD-ENDOG
- Advanced Industrial Organization, (Giacomo Calzolari) - Full Credit - ECO-AD-ADVINDORG

Teaching Block 3

- Field Research Design and Impact Evaluation (ECO-AD-FLDDSGN)
- Topics in Microeconometrics, (Alessandro Tarozzi) - Full Credit - ECO-AD-MICMTRIC
- Topics in Macroeconometrics, (Barbara Rossi) - ECO-AD-MACMTRIC
- Inequality and Education, (Alexander Monge-Naranjo) - Full Credit- ECO-AD-INEQEDU

- Topics in Banking and Finance, (Thorsten Beck) - Half Credit- ECO-AD-BANKFIN
- Optimal Fiscal Policy in (Quantitative) Macro Models, (Axelle Ferriere) - Half Credit - ECO-AD-OPTFISPOL
- Topics in Political Economy 2, (Guadalupe Correa) - Half Credit -ECO-AD-POLECO2
- Topics in Computational Game Theory, (Arthur Dolgoplov) - Half Credit - ECO-AD-COMPGMTHR
- Mechanism Design, (Laurent Mathevet) - Full Credit -ECO-AD-MCHDSGN

Teaching Block 4

- Development Economics and Global Health, (Alessandro Tarozzi) - Full Credit - ECO-AD-DEVECOHEA
- The Econometrics of Real Data, (Thomas Crossley) - Full Credit - ECO-AD-MTRCDATA
- International Macroeconomics, (Giancarlo Corsetti) - Full Credit -ECO-AD-INTMACECO
- Liquidity Traps and Secular Stagnation, (Edouard Challe) - Half Credit -ECO-AD-LIQTRPS
- Frontiers of Macro-Labor, (Cristina Lafuente Martinez) - Half Credit - ECO-AD-FRNTMACLB
- Topics in Information Design under Constraints, (Daniel Monte) - Half Credit - ECO-AD-INFDSGNCN
- Social networks in economic environments, (Fernando Vega Redondo) - Half Credit - ECO-AD-NTWKTHR
- Organizational Economics, (Zeinab Aboutalebi) - Full Credit - ECO-AD-ORGECON

Compulsory Courses

Courses for 1st year Economics researchers. If other researchers wish to attend, please contact the [Departmental Coordinator](#).

Teaching Block 1

- Mathematics, (Antonio Villanacci) ECO-CO-MATH
- Background Course on Probability and Statistics, (Cristina Lafuente Martinez) ECO-CO-PROB
- Statistics and Econometrics I: Regression Analysis, (Andrea Ichino) ECO-CO-STATS1
- Microeconomics I, (Laurent Mathevet) ECO-CO-MICRO1

Teaching Block 2

- Statistics and Econometrics II: Models for Micro Data, (Sule Alan and Thomas Crossley) ECO-CO-STATS2
- Macroeconomics I: Dynamic Fiscal and Monetary Policy (Russell Cooper) ECO-CO-MACRO1
- Microeconomics II, Game Theory (David Levine) ECO-CO-MICRO2

Teaching Block 3

- Statistics and Econometrics III: Dynamics: Time Series and Simulation Based Estimators, (Russell Cooper) ECO-CO-STATS3
- Macroeconomics II - part I: Dynamic Programming and Real Business Cycles, (Jesus Bueren) ECO-CO-STATS3
- Macroeconomics II - part II: New Keynesian Economics, (Edouard Challe) ECO-CO-MACRO2
- Microeconomics III (Zeinab Aboutalebi) ECO-CO-MICRO3

Teaching Block 4

- Macroeconomics III - part I: Search Theory (Edouard Challe) ECO-CO-MACRO3
- Macroeconomics III - part II: Incomplete Markets, (Alexander Monge-Naranjo) ECO-CO-MACRO3