



## **General course programme Academic year 2016-2017**

### **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 in 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 2017.

The Macroeconomics module will start in the second teaching block (in November 2016) and continue until early June 2017.

### **Advanced Courses**

During the first and second year, students are required to pass two advanced courses in each of the three fields (Econometrics, Macroeconomics and Microeconomics) to be chosen with the agreement of the supervisor/advisor, **plus** 2 additional advanced courses, chosen freely, for a total of 8 courses. Students must pass at least one advanced courses during the first year to be considered for promotion to the second year. Any remaining advanced course requirement will need to be fulfilled in the second year. First year students can only attend advanced courses in block IV.

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

**Teaching block I:** 29 August – 11 November

Exam week: 7-11 November

**Teaching block II:** 14 November – 27 January

Exam week: 23-27 January

**Teaching block III:** 30 January – 31 March

Exam week: 27-31 March

**Teaching block IV:** 3 April – 2 June

Exam week: 29 May – 2 June

## **List of Compulsory courses**

### **Mathematics**

Antonio Villanacci

### **Background course in Probability and Statistics**

Filip Lazaric

### **Statistics and Econometrics**

1. Andrea Ichino
2. Juan Dolado
3. Michèle Belot

### **Macroeconomics**

1. Axelle Ferriere
2. Evi Pappa
3. Philipp Kircher and Dominik Sachs

### **Microeconomics**

1. Piero Gottardi
2. Andrea Galeotti
3. Andrea Mattozzi

**Block I advanced courses 29 August – 4 November – Exams in week of 7 November**

**J rome Adda**, Methods for writing a PhD thesis (compulsory, no credit)

*Macroeconomics*

**Arpad Abraham**, Optimal Taxation and Private Information (full credit)

*Microeconomics or Macroeconomics*

**David Levine**, 1) Learning and Evolution in Games (half-credit)

**David Levine**, 2) Political Economy and State Power (half-credit)

*Microeconomics*

**Peter Cramton**, Market Design (half-credit)

**Joseph Ostroy**, History of Economic Theory (half-credit)

**Joel Sobel**, The Economics of Lying and Deception (half-credit)

**Block II advanced courses 14 November – 20 January – Exams in week of 23 January**

*Microeconomics*

**Andrea Galeotti**, Network Theory (full credit)

**Ran Eilat**, Topics in Mechanism Design (half-credit)

*Macroeconomics*

**Paul Beaudry**, New Avenues in Business Cycle Research (half-credit)

**Ramon Marimon**, Financial Frictions, Sovereign Debt and Risk-Sharing (with an introduction to Recursive Contracts) (half-credit)

**Dominik Sachs**, Dynamic Aspects of Social Insurance (half-credit)

*Econometrics*

**Fabian Lange**, Empirical Personnel Economics (half-credit)

**Block III advanced courses 30 January – 24 March – Exams in week of 27 March**

*Econometrics or Macroeconomics*

**Juan Dolado**, Advanced Topics in Applied Macro & Labour (full credit)

*Microeconomics*

**Arthur Schram**, Topics in Experimental Economics (half-credit)

*Macroeconomics*

**Evi Pappa**, Topics in Monetary and Fiscal Policy (full credit)

*Microeconomics or Macroeconomics*

**Dominik Sachs**, Public Economics (full credit)

<b>Block IV advanced courses 3 April – 26 May – Exams in week of 29 May</b>
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*Macroeconomics*

**Axelle Ferriere**, Topics in Fiscal Policy (full credit)

**Ramon Marimon**, Macro-Finance and Policy Design (half-credit)

**Lian Allub**, Economics for non-economists: Macroeconomics

*Econometrics*

**Susan Athey & Guido Imbens**, Causality and Machine Learning

**Inés Berniell**, Labor Economics (half-credit)

**Andrea Ichino**, The Problem of Causality (full credit)

**Leonardo Melosi**, Structural Bayesian Econometrics (half-credit)

*Microeconomics*

**Wouter Dessein**, Topics in Organizational Economics (half-credit)

**Piero Gottardi**, Topics on Financial Economics (full credit)

**Andrea Mattozzi**, Topics in Political Economy (full credit)

*Macroeconomics or Microeconomics*

**Philipp Kircher**, Competitive Search and Assortative Matching (half-credit)