

The student chooses 6 electives (or 5 electives + 2 in-depth studies):

- 2 activities of 6 CPU in the 2nd semester of the 1st year

- 4 activities of 6 CPU in the 2nd year

in compliance with the rules specified in the box below

- at least 1 from list A) Core
- at least 1 from list B) Field
- at least 1 from list C) Topics and other Social Sciences and Mathematical and Quantitative Methods
- at least 1 from lists A) Core + B) Field +C) Topics and other Social Sciences and Mathematical and Quantitative Methods
- 2 from the overall Graduate School electives offer - or 2 electives and 2 in-depth

#### Typology and Academic Field

B catatterizzante economico

B catatterizzante economico

C affine

C affine

D a scelta dello studente

#### A - CORE

| Code  | Course title (Italian)  | Course title (English)  | Course Director                      | Dep. | class and language | sem. | Disc. field | CPU | notes |
|-------|-------------------------|-------------------------|--------------------------------------|------|--------------------|------|-------------|-----|-------|
| 20296 | ADVANCED MICROECONOMICS | ADVANCED MICROECONOMICS | NICOLA PAVONI                        | ECO  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | 0     |
| 20285 | ADVANCED MACROECONOMICS | ADVANCED MACROECONOMICS | ANTONELLA TRIGARI                    | ECO  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | 0     |
| 20295 | MICROECONOMETRICS       | MICROECONOMETRICS       | THOMAS EMILE ROBERT<br>LE BARBANCHON | ECO  | 1 cl ENG           | 2    | SECS-P/05;  | 6   | 0     |
| 20532 | MACROECONOMETRICS       | MACROECONOMETRICS       | LUCA SALA                            | ECO  | 1 cl ENG           | 1    | SECS-P/05;  | 6   | 0     |

#### B - FIELD

|       |   |   |                           |     |          |   |            |   |                |
|-------|---|---|---------------------------|-----|----------|---|------------|---|----------------|
| 20287 | DEVELOPMENT ECONOMICS                               | DEVELOPMENT ECONOMICS                               | ERIKA DESERRANNO          | ECO | 1 cl ENG | 2 | SECS-P/01; | 6 | 0              |
| 20290 | GAME THEORY: ANALYSIS OF STRATEGIC THINKING         | GAME THEORY: ANALYSIS OF STRATEGIC THINKING         | PIERPAOLO BATTIGALLI      | ECO | 1 cl ENG | 2 | SECS-P/01; | 6 | 0              |
| 20629 | EMPIRICAL INDUSTRIAL ORGANIZATION AND MARKET DESIGN | EMPIRICAL INDUSTRIAL ORGANIZATION AND MARKET DESIGN | FRANCESCO DECAROLIS       | ECO | 1 cl ENG | 1 | SECS-P/06; | 6 | 0              |
| 20294 | LABOUR ECONOMICS                                    | LABOUR ECONOMICS                                    | TITO MICHELE BOERI        | ECO | 1 cl ENG | 2 | SECS-P/01; | 6 | 0              |
| 20297 | POLITICA MONETARIA                                  | MONETARY POLICY                                     | ROBERTO PEROTTI           | ECO | 1 cl ENG | 1 | SECS-P/01; | 6 | 0              |
| 20901 | POLITICAL ECONOMICS                                 | POLITICAL ECONOMICS                                 | GUIDO ENRICO<br>TABELLINI | ECO | 1 cl ENG | 1 | SECS-P/01; | 6 | 0              |
| 20271 | PUBLIC ECONOMICS                                    | PUBLIC ECONOMICS                                    | ALESSANDRA CASARICO       | SPS | 1 cl ENG | 1 | SECS-P/03; | 6 | banned for PPA |
| 20970 | INTERNATIONAL MACROECONOMICS AND FINANCE            | INTERNATIONAL MACROECONOMICS AND FINANCE            | TOMMASO MONACELLI         | ECO | 1 cl ENG | 1 | SECS-P/01; | 6 | 0              |

**C - TOPICS AND OTHER SOCIAL SCIENCES AND MATHEMATICAL AND QUANTITATIVE METHODS**

| Code  | Course title (Italian)   | Course title (English)   | Course Director     | Dep. | class and language | sem. | Disc. field | CPU | notes                          |
|-------|--|--|---------------------|------|--------------------|------|-------------|-----|--------------------------------|
| 20687 | ECONOMIC ANALYSIS OF CRIME   | ECONOMIC ANALYSIS OF CRIME   | PAOLO PINOTTI       | SPS  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | 0                              |
| 20269 | ECONOMICS OF EUROPEAN INTEGRATION                                  | ECONOMICS OF EUROPEAN INTEGRATION                                  | CARLO ALTOMONTE     | SPS  | 1 cl ENG           | 2    | SECS-P/02;  | 6   | 0                              |
| 20730 | ENERGY POLICY AND SUSTAINABILITY                                   | ENERGY POLICY AND SUSTAINABILITY                                   | FRANCESCO GULLI'    | SPS  | 1 cl ENG           | 2    | SECS-P/06;  | 6   | 0                              |
| 20847 | ECONOMICS OF DIGITAL MARKETS                                       | ECONOMICS OF DIGITAL MARKETS                                       | MICHELE POLO        | ECO  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | banned for EMIT                |
| 20841 | MONETARY POLICY AND FINANCIAL REGULATION                           | MONETARY POLICY AND FINANCIAL REGULATION                           | DONATO MASCIANDARO  | ECO  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | 0                              |
| 20258 | PRINCIPLES OF FINANCE  | PRINCIPLES OF FINANCE  | PAOLO COLLA         | FIN  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | banned for FIN                 |
| 21047 | BEHAVIORAL ECONOMICS AND FINANCE                                   | BEHAVIORAL ECONOMICS AND FINANCE                                   | NICOLA GENNAIOLI    | FIN  | 1 cl ENG           | 1    | SECS-P/01;  | 6   | new title - incompatible 20554 |
| 20973 | DATA, INEQUALITY, AND HUMAN CAPITAL                                | DATA, INEQUALITY, AND HUMAN CAPITAL                                | MICHELA CARLANA     | ECO  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | reactivated                    |
| 20845 | TAXATION, INEQUALITY AND GROWTH                                    | TAXATION, INEQUALITY AND GROWTH                                    | NICOLA PAVONI       | ECO  | 1 cl ENG           | 1    | SECS-P/01;  | 6   | reactivated                    |
| 20633 | WELFARE AND POLITICS   | WELFARE AND POLITICS   | VINCENZO GALASSO    | SPS  | 1 cl ENG           | 1    | SECS-P/01;  | 6   | 0                              |
| 20672 | COMPARATIVE POLITICS: INSTITUTIONS AND INSTITUTIONAL DEVELOPMENT   | COMPARATIVE POLITICS: INSTITUTIONS AND INSTITUTIONAL DEVELOPMENT   | PIERO STANIG        | SPS  | 1 cl ENG           | 1    | SPS/04;     | 6   | 0                              |
| 20528 | GLOBALIZATION, DIVERGENCE AND INEQUALITY IN HISTORICAL PERSPECTIVE | GLOBALIZATION, DIVERGENCE AND INEQUALITY IN HISTORICAL PERSPECTIVE | GUIDO ALFANI        | SPS  | 1 cl ENG           | 2    | SECS-P/12;  | 6   | 0                              |
| 20282 | STORIA, ISTITUZIONI E CRISI DEL SISTEMA FINANZIARIO GLOBALE        | HISTORY, INSTITUTIONS AND CRISES OF THE GLOBAL FINANCIAL SYSTEM    | MASSIMO AMATO       | SPS  | 1 cl ENG           | 2    | SECS-P/12;  | 6   | 0                              |
| 20234 | POPULATION DYNAMICS AND ECONOMICS                                  | POPULATION DYNAMICS AND ECONOMICS                                  | ARNSTEIN AASSVE     | SPS  | 1 cl ENG           | 1    | SECS-S/04;  | 6   | 0                              |
| 20673 | POLITICS OF CONFLICT   | POLITICS OF CONFLICT   | ALA ADNAN ALRABABAH | SPS  | 1 cl ENG           | 1    | SPS/04;     | 6   | 0                              |
| 20231 | BAYESIAN STATISTICAL METHODS                                       | BAYESIAN STATISTICAL METHODS                                       | BEATRICE FRANZOLINI | DEC  | 1 cl ENG           | 1    | SECS-S/01;  | 6   | 0                              |
| 20754 | DECISION THEORY AND HUMAN BEHAVIOR                                 | DECISION THEORY AND HUMAN BEHAVIOR                                 | MASSIMO MARINACCI   | DEC  | 1 cl ENG           | 1    | SECS-S/06;  | 6   | 0                              |
| 20236 | TIME SERIES ANALYSIS OF ECONOMIC-FINANCIAL DATA                    | TIME SERIES ANALYSIS OF ECONOMIC-FINANCIAL DATA                    | SONIA PETRONE       | DEC  | 1 cl ENG           | 2    | SECS-S/01;  | 6   | 0                              |

The student chooses 7 electives (or 6 electives + 2 in-depth studies):

- 3 activities of 6 CPU in the 2nd semester of the 1st year
- 4 activities of 6 CPU in the 2nd year

|   | Typology and Academic Field |
|---|-----------------------------|
| - 1 elective from list A - Core   | B catatterizzante economico |
| - 1 elective from list B - Field  | B catatterizzante economico |
| - 1 elective from list A + B + C1   | B catatterizzante economico |
| - 1 elective from list C - Topics and other Social Sciences and Mathematical and Quantitative Method C affine |                             |
| - 3 electives from the overall Graduate School electives offered or 2 electives and 2 in-depth studies        | D a scelta dello studente   |

A - CORE

| Code  | Course title (Italian)  | Course title (English)  | Course Director                   | Dep. | class and language | sem. | Disc. field | CPU | notes |
|-------|-------------------------|-------------------------|-----------------------------------|------|--------------------|------|-------------|-----|-------|
| 20296 | ADVANCED MICROECONOMICS | ADVANCED MICROECONOMICS | NICOLA PAVONI                     | ECO  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | 0     |
| 20285 | ADVANCED MACROECONOMICS | ADVANCED MACROECONOMICS | ANTONELLA TRIGARI                 | ECO  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | 0     |
| 20295 | MICROECONOMETRICS       | MICROECONOMETRICS       | THOMAS EMILE ROBERT LE BARBANCHON | ECO  | 1 cl ENG           | 2    | SECS-P/05;  | 6   | 0     |
| 20532 | MACROECONOMETRICS       | MACROECONOMETRICS       | LUCA SALA                         | ECO  | 1 cl ENG           | 1    | SECS-P/05;  | 6   | 0     |

B - FIELD

|       |   |   |                        |     |          |   |            |   |                |
|-------|---|---|------------------------|-----|----------|---|------------|---|----------------|
| 20287 | DEVELOPMENT ECONOMICS                               | DEVELOPMENT ECONOMICS                               | ERIKA DESERRANNO       | ECO | 1 cl ENG | 2 | SECS-P/01; | 6 | 0              |
| 20290 | GAME THEORY: ANALYSIS OF STRATEGIC THINKING         | GAME THEORY: ANALYSIS OF STRATEGIC THINKING         | PIERPAOLO BATTIGALLI   | ECO | 1 cl ENG | 2 | SECS-P/01; | 6 | 0              |
| 20629 | EMPIRICAL INDUSTRIAL ORGANIZATION AND MARKET DESIGN | EMPIRICAL INDUSTRIAL ORGANIZATION AND MARKET DESIGN | FRANCESCO DECAROLIS    | ECO | 1 cl ENG | 1 | SECS-P/06; | 6 | 0              |
| 20294 | LABOUR ECONOMICS                                    | LABOUR ECONOMICS                                    | TITO MICHELE BOERI     | ECO | 1 cl ENG | 2 | SECS-P/01; | 6 | 0              |
| 20297 | POLITICA MONETARIA                                  | MONETARY POLICY                                     | ROBERTO PEROTTI        | ECO | 1 cl ENG | 1 | SECS-P/01; | 6 | 0              |
| 20901 | POLITICAL ECONOMICS                                 | POLITICAL ECONOMICS                                 | GUIDO ENRICO TABELLINI | ECO | 1 cl ENG | 1 | SECS-P/01; | 6 | 0              |
| 20271 | PUBLIC ECONOMICS                                    | PUBLIC ECONOMICS                                    | ALESSANDRA CASARICO    | SPS | 1 cl ENG | 1 | SECS-P/03; | 6 | banned for PPA |
| 20970 | INTERNATIONAL MACROECONOMICS AND FINANCE            | INTERNATIONAL MACROECONOMICS AND FINANCE            | TOMMASO MONACELLI      | ECO | 1 cl ENG | 1 | SECS-P/01; | 6 | 0              |

**C - TOPICS AND OTHER SOCIAL SCIENCES AND MATHEMATICAL AND QUANTITATIVE METHODS****C.1 TOPICS**

| Code  | Course title (Italian)                   | Course title (English)                   | Course Director    | Dep. | class and language | sem. | Disc. field | CPU | notes                          |
|-------|--|--|--------------------|------|--------------------|------|-------------|-----|--------------------------------|
| 20687 | ECONOMIC ANALYSIS OF CRIME               | ECONOMIC ANALYSIS OF CRIME               | PAOLO PINOTTI      | SPS  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | 0                              |
| 20269 | ECONOMICS OF EUROPEAN INTEGRATION        | ECONOMICS OF EUROPEAN INTEGRATION        | CARLO ALTOMONTE    | SPS  | 1 cl ENG           | 2    | SECS-P/02;  | 6   | 0                              |
| 20730 | ENERGY POLICY AND SUSTAINABILITY         | ENERGY POLICY AND SUSTAINABILITY         | FRANCESCO GULLI'   | SPS  | 1 cl ENG           | 2    | SECS-P/06;  | 6   | 0                              |
| 20847 | ECONOMICS OF DIGITAL MARKETS             | ECONOMICS OF DIGITAL MARKETS             | MICHELE POLO       | ECO  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | banned for EMIT                |
| 20841 | MONETARY POLICY AND FINANCIAL REGULATION | MONETARY POLICY AND FINANCIAL REGULATION | DONATO MASCIANDARO | ECO  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | 0                              |
| 20258 | PRINCIPLES OF FINANCE                    | PRINCIPLES OF FINANCE                    | PAOLO COLLA        | FIN  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | banned for FIN                 |
| 21047 | BEHAVIORAL ECONOMICS AND FINANCE         | BEHAVIORAL ECONOMICS AND FINANCE         | NICOLA GENNAIOLI   | FIN  | 1 cl ENG           | 1    | SECS-P/01;  | 6   | new title - incompatible 20554 |
| 20845 | TAXATION, INEQUALITY AND GROWTH          | TAXATION, INEQUALITY AND GROWTH          | NICOLA PAVONI      | ECO  | 1 cl ENG           | 1    | SECS-P/01;  | 6   | reactivated                    |
| 20973 | DATA, INEQUALITY, AND HUMAN CAPITAL      | DATA, INEQUALITY, AND HUMAN CAPITAL      | MICHELA CARLANA    | ECO  | 1 cl ENG           | 2    | SECS-P/01;  | 6   | reactivated                    |
| 20633 | WELFARE AND POLITICS                     | WELFARE AND POLITICS                     | VINCENZO GALASSO   | SPS  | 1 cl ENG           | 1    | SECS-P/01;  | 6   | 0                              |

**C.2 OTHER SOCIAL SCIENCES AND MATHEMATICAL AND QUANTITATIVE METHODS**

|       |  |  |                     |     |          |   |            |   |   |
|-------|--|--|---------------------|-----|----------|---|------------|---|---|
| 20672 | COMPARATIVE POLITICS: INSTITUTIONS AND INSTITUTIONAL DEVELOPMENT   | COMPARATIVE POLITICS: INSTITUTIONS AND INSTITUTIONAL DEVELOPMENT   | PIERO STANIG        | SPS | 1 cl ENG | 1 | SPS/04;    | 6 | 0 |
| 20528 | GLOBALIZATION, DIVERGENCE AND INEQUALITY IN HISTORICAL PERSPECTIVE | GLOBALIZATION, DIVERGENCE AND INEQUALITY IN HISTORICAL PERSPECTIVE | GUIDO ALFANI        | SPS | 1 cl ENG | 2 | SECS-P/12; | 6 | 0 |
| 20282 | STORIA, ISTITUZIONI E CRISI DEL SISTEMA FINANZIARIO GLOBALE        | HISTORY, INSTITUTIONS AND CRISES OF THE GLOBAL FINANCIAL SYSTEM    | MASSIMO AMATO       | SPS | 1 cl ENG | 2 | SECS-P/12; | 6 | 0 |
| 20234 | POPULATION DYNAMICS AND ECONOMICS                                  | POPULATION DYNAMICS AND ECONOMICS                                  | ARNSTEIN AASSVE     | SPS | 1 cl ENG | 1 | SECS-S/04; | 6 | 0 |
| 20673 | POLITICS OF CONFLICT   | POLITICS OF CONFLICT   | ALA ADNAN ALRABABAH | SPS | 1 cl ENG | 1 | SPS/04;    | 6 | 0 |
| 20231 | BAYESIAN STATISTICAL METHODS                                       | BAYESIAN STATISTICAL METHODS                                       | BEATRICE FRANZOLINI | DEC | 1 cl ENG | 1 | SECS-S/01; | 6 | 0 |
| 20754 | DECISION THEORY AND HUMAN BEHAVIOR                                 | DECISION THEORY AND HUMAN BEHAVIOR                                 | MASSIMO MARINACCI   | DEC | 1 cl ENG | 1 | SECS-S/06; | 6 | 0 |
| 20236 | TIME SERIES ANALYSIS OF ECONOMIC-FINANCIAL DATA                    | TIME SERIES ANALYSIS OF ECONOMIC-FINANCIAL DATA                    | SONIA PETRONE       | DEC | 1 cl ENG | 2 | SECS-S/01; | 6 | 0 |