FIRST YEAR

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|  | **COURSE** | **HOURS** | **CFU** |
| **CRASH COURSES** | LABORATORY OF MATHEMATICAL ECONOMICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/451542*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/451542) | 30 | 3 |
|  | PROBABILITY AND STATISTICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/461168*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/461168) | 40 | 3 |
|  |  |  |  |
| **FIRST SEMESTER** | MICROECONOMICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350066*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350066) | 30 | 6 |
|  | ECONOMETRIC METHODS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443860*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443860) | 30 | 6 |
|  | MATHEMATICAL ECONOMICS  <https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443861> | 30 | 6 |
|  | MACROECONOMICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350074*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350074) | 30 | 6 |
|  | Either MACROECONOMETRICS or MICROECONOMETRICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443856*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443856)  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443857*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443857) | 30 | 6 |
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| **SECOND SEMESTER** | GAME THEORY  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350067*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350067) | 30 | 6 |
|  | STATISTICS FOR HIGH-DIMENSIONAL DATA  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443876*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443876) | 30 | 6 |
|  | Either GROWTH THEORY or CONSUMPTION AND INVESTMENT THEORY  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350073*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350073)  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443867*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443867) | 30 | 6 |
|  | FINANCIAL PRODUCTS AND MARKETS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/432415*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/432415) | 30 | 6 |
|  | ASSET PRICING  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/432414*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/432414) | 30 | 6 |

SECOND YEAR

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| **MANDATORY COURSE** | LAW ECONOMICS AND MARKETS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443875*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443875) |  |  |
|  | | | |
| **2 COURSES TO BE CHOSEN FROM EACH OF THE TWO FOLLOWING LISTS** | | | |
| **ADVANCED ECONOMICS GROUP** | | **ADVANCED ECONOMETRICS GROUP** | |
| GROWTH THEORY  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350073*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350073) | | MICROECONOMETRICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443856*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443856) | |
| CONSUMPTION and INVESTMENT THEORY  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443867*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443867) | | MACROECONOMETRICS  <https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443857> | |
| INFORMATION ECONOMICS  [*https://www.unibo.it/it/didattica/insegnamenti/insegnamento/2022/443866*](https://www.unibo.it/it/didattica/insegnamenti/insegnamento/2022/443866) | | MICROECONOMETRICS and SIMULATION METHODS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443872*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443872) | |
| PUBLIC ECONOMICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443868*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443868) | | ECONOMETRICS OF PANEL DATA  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443874*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443874) | |
| BEHAVIORAL ECONOMICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/466731*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/466731) | | FINANCIAL TIME SERIES ECONOMETRICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443869*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443869) | |
| DEVELOPMENT ECONOMICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350102*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/350102) | | CAUSAL INFERENCE and PROGRAM EVALUATION  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443871*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443871) | |
| INDUSTRIAL ORGANIZATION: THEORY AND APPLICATIONS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/411855*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/411855) | | MACHINE LEARNING for ECONOMISTS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443873*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443873) | |
| RECURSIVE METHODS IN MACROECONOMICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/488490*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/488490) | | STRUCTURAL MACROECONOMETRICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443870*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/443870) | |
| LABOUR ECONOMICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/466732*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/466732) | | RESEARCH METHODS IN APPLIED ECONOMICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/484153*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/484153) | |
| LONG-RUN DEVELOPMENT: THEORY AND EMPIRICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/385356*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/385356) | | BAYESIAN ECONOMETRICS  [*https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/485458*](https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2022/485458) | |