



UNIVERSITA' DEGLI STUDI DI MILANO
PROGRAMME DESCRIPTION - ACADEMIC YEAR 2020/21

IN
ECONOMICS AND POLITICAL SCIENCE (EPS) Classi LM-56/LM-62
Enrolled from 2014/2015 academic year

HEADING

| | |
|--|-------------------------------------|
| Degree classification - Denomination and code: | LM-56/LM-62 |
| Degree title: | Dottore Magistrale |
| Length of course: | 2 years |
| Credits required for admission: | 180 |
| Total number of credits required to complete programme: | 120 |
| Course years currently available: | 1st , 2nd |
| Access procedures: | open, subject to entry requirements |
| Course code: | B67 |

PERSONS/ROLES

Head of Study Programme

Prof. Massimiliano Bratti

Tutors - Faculty

Prof. Fabio Franchino (Academic guidance tutor)
Prof. Michele Santoni (Academic guidance tutor)
Prof. Lorenzo Mercuri (Internship tutor)
Prof.ssa Giovanna D'Adda (Erasmus and international mobility tutor)

Degree Course website

<https://eps.cdl.unimi.it>

Degree Course E-mail

Email: eps@unimi.it

Facebook

<https://www.facebook.com/EPS.EconomicsandPoliticalScience>

Twitter

https://twitter.com/eps_unimi

CHARACTERISTICS OF DEGREE PROGRAMME

Introduction

The two-year master's degree in Economics and Political Science (EPS) aims at developing a highly qualified learning track in the fields of economics and political science.

In modern times economics and political science have been growing out of the same trunk, represented by moral and political philosophy. While drawing their origin and inspiration from this common matrix, the two fields have soon organised themselves according to autonomous epistemological statutes, to which distinct conceptual frameworks correspond. Nevertheless, they have preserved their tight relationships, mutually affecting one another over the centuries.

Indeed, not only their common origin, but also the extensive sharing of the very object of study have fostered the methodological and theoretical similarities between the two social sciences. Over the last two centuries, in particular, the increased public intervention in the economic sphere in all types of socio-economic systems, market economies included, has drawn the two disciplines closer, making them face a common set of issues and questions.

In present-day research activity one can find countless instances of theoretical and empirical investigations where the boundaries between the two sciences become blurred and the tools and methods of analysis - from rational choice theory to game theory, from political philosophy to econometrics, from the theory of justice to welfare economics - turn out to be essentially the same. To cite just a few examples, one can mention the analysis of individual and collective choice in both the economic and the political field; the examination of the relationships existing between political institutions on one hand and economic growth or social welfare on the other; the discussion of public policies and their effects on individual and aggregate economic variables; the study of the interaction between government actions and business cycles.

General and specific learning objectives

The design of the EPS master's degree is highly innovative in the Italian university system. Even if inter-disciplinary second-level degrees are not altogether missing in the Italian context, the EPS program was the first master's degree in economics and politics offered by an Italian university and still remains unique in the Italian context.

What is rare in Italy, however, is common in the academic tradition of most EU and non-EU countries. In the English-speaking world, in particular, the undergraduate and graduate programmes in Philosophy, Politics and Economics have represented for more than a century the privileged access to prestigious professional careers in both the economic and the political field, in public and private sectors alike. Similar experiences are also familiar in the French- and German-speaking university systems.

These deeply rooted traditions are another factor behind the intention of organising the EPS degree as a fully internationalised programme, promoting mobility and joint degree agreements with similar courses offered by foreign universities. The language of instruction is English.

Expected learning outcomes

The EPS master's programme aims at providing its students with advanced and complete training in both economics and political science. Such training should be comparable to that offered by any leading international master's programme in each of the two disciplines separately taken.

Specifically, the EPS master's programme aims at forming professional economists and political scientists. EPS graduates will not only be endowed with high-level analytical and operational skills, but they will also be characterised by such an open and critical vision of economic, political and social issues, and such a cultural depth that could hardly be achieved by attending a programme centred on a single or prevailing disciplinary field.

EPS students will be able to reach highly qualified theoretical and applied knowledge and skills in each of the following fields: mathematics, probability and statistics, with applications to economic, political and social sciences; econometrics; microeconomics; macroeconomics; economic policy; public economics; welfare economics and politics; history of economic analysis; comparative politics, theory of European integration; positive and normative political theory; decision theory; game theory; social and political choice theory; theory of justice.

Professional profile and employment opportunities

The EPS degree is designed to train students in advanced methodologies, analytical tools and quantitative and qualitative techniques used in all fields of economics and political science.

EPS graduates will be ready to undertake a wide array of career paths in multinational companies, political institutions, public organizations, and other professions demanding high intellectual skills, robust technical competencies and versatile knowledge. They will also be well prepared to engage in further academic research in top PhD programmes.

Pre-requisites for admission

The programme is intended for top level international students. About 40 students are expected to enrol each year, which will guarantee an optimal ratio between instructors and students.

Admission is based on academic excellence. Applicants should have a bachelor's degree or equivalent; a strong interest and/or previous studies in economics, political science or related subjects; undergraduate or graduate training in mathematics and quantitative methods or a strong motivation to quickly fill their gaps in these fields; a sound knowledge of spoken and written English. The evaluation process will take into consideration the applicants' prior academic record, their motivation and performance at the interview (see below).

More specifically, applicants who obtained their bachelor's degrees from Italian Universities are eligible for admission if they hold a "laurea" degree belonging to any one of the "classi di laurea" (degree classes) listed below under the heading "Note 1".

Applicants who completed their undergraduate studies in foreign Universities are eligible for admission if they hold a bachelor's degree in economics, political science, or other broadly related subjects (from history to industrial engineering, from management to mathematics, from philosophy to sociology, and so on), provided that their bachelor's degree may be regarded as equivalent to one of the Italian "laurea" degrees listed below.

Eligible candidates must meet the following requirements:

a) They must have earned at least 60 ECTS credits or equivalent in the following fields: business administration, computer science, economics, law, management, mathematics, philosophy, political science, sociology or statistics. The ECTS credit value of foreign applicants' undergraduate studies will be assessed by the EPS admissions committee. Applicants holding an Italian bachelor's degree must have earned the required credits within the set of admissible "settori scientifico-disciplinari" (disciplinary scientific sectors) listed below under the heading "Note 2".

Among these, at least 6 credits should have been earned within the following "settori-scientifico disciplinari" (disciplinary scientific sectors): MAT/01 - Logica matematica; MAT/02 - Algebra; MAT/03 - Geometria; MAT/05 - Analisi matematica; MAT/06 - Probabilità e statistica matematica; MAT/08 - Analisi numerica; MAT/09 - Ricerca operativa; SECS-S/06 - Metodi matematici dell'economia e delle scienze attuariali e finanziarie.

Applicants who completed their undergraduate studies in foreign Universities should exhibit a comparable academic record or competence in logics, statistics and mathematics.

Candidates will have the possibility to participate to crash-courses of Microeconomics, Mathematics and Statistics organized

by the Department. The crash-courses are meant to boost the skills in these three fields.

In the absence of the above requirements, applicants can also prove that they have adequate quantitative skills through satisfactory results in the GRE or GMAT tests.

b) Non-native speakers of English must be able to demonstrate their knowledge of English either by showing they have at least one year of university studies at institutions where the language of instruction is English, or during the interview. IELTS or TOEFL results, if provided by applicants, will be taken into account.

c) GRE or GMAT results, if provided by applicants, will be taken into account.

Applicants meeting the above requirements will be invited to a skype interview.

Programme structure

The EPS degree is a genuinely multidisciplinary programme, presenting a balanced offer of courses in economics and political science, introduced by a few supplementary courses in mathematics, game theory and quantitative and qualitative research methods.

Students must earn 120 ECTS credits to complete programme requirements; among them, 33 credits (27.5% of the total) are dedicated to additional educational and research activities, for example dissertation writing, research seminars and elective courses.

Campus

Faculty of Political, Economic and Social Sciences - Via Conservatorio, 7 - 20122 MILANO

Notes

Note 1:

L-5 Filosofia; L-8 Ingegneria dell'informazione; L-9 Ingegneria industriale; L-16 Scienze dell'amministrazione e dell'organizzazione; L-18 Scienze dell'economia e della gestione aziendale; L-20 Scienze della comunicazione; L-30 Scienze e tecnologie fisiche;

L-31 Scienze e tecnologie informatiche; L-32 Scienze e tecnologie per l'ambiente e la natura; L-33 Scienze economiche; L-35 Scienze matematiche; L-36 Scienze politiche e delle relazioni internazionali; L-37 Scienze sociali per la cooperazione, lo sviluppo e la pace; L-39 Servizio sociale; L-40 Sociologia; L-41 Statistica; L-42 Storia

Note 2:

INF/01- Informatica; ING-INF/05 - Sistemi di elaborazione delle informazioni; ING-IND/35 - Ingegneria economico-gestionale; IUS/01 - Diritto privato; IUS/04 - Diritto commerciale; IUS/05 - Diritto dell'economia; IUS/07 - Diritto del lavoro; IUS/08 - Diritto costituzionale; IUS/09 - Istituzioni di diritto pubblico; IUS/10 - Diritto amministrativo; IUS/13 - Diritto internazionale; IUS/21 - Diritto pubblico comparato; MAT/01 - Logica matematica; MAT/02 - Algebra; MAT/03 - Geometria; MAT/05 - Analisi matematica; MAT/06 - Probabilità e statistica matematica; MAT/08 - Analisi numerica; MAT/09 - Ricerca operativa; M-FIL/01 - Filosofia teoretica; M-FIL/02 - Logica e filosofia della scienza; M-FIL/03 - Filosofia morale; M-GGR/02 - Geografia economica-politica; SECS-P/01 - Economia politica; SECS-P/02 - Politica economica; SECS-P/03 - Scienza delle finanze; SECS-P/04 - Storia del pensiero economico; SECS-P/05 - Econometria; SECS-P/06 - Economia applicata; SECS-P/07 - Economia aziendale; SECS-P/08 - Economia e gestione delle imprese; SECS-P/09 - Finanza aziendale; SECS-P/10 - Organizzazione aziendale; SECS-P/11 - Economia degli intermediari finanziari; SECS-P/12 - Storia economica; SECS-S/01 - Statistica; SECS-S/03 - Statistica economica; SECS-S/04 - Demografia; SECS-S/05 - Statistica sociale; SECS-S/06 - Metodi matematici dell'economia e delle scienze attuariali e finanziarie; SPS/01 - Filosofia politica; SPS/02 - Storia delle dottrine politiche; SPS/03 - Storia delle istituzioni politiche; SPS/04 - Scienza politica; SPS/07 - Sociologia generale; SPS/08 - Sociologia dei processi culturali e comunicativi; SPS/09 - Sociologia dei processi economici e del lavoro; SPS/10 - Sociologia dell'ambiente e del territorio; SPS/11 - Sociologia dei fenomeni politici

Language test / computer literacy test

Test of advanced knowledge of languages. Test of advanced computer skills.

Compulsory attendance

Strongly recommended.

Study plan definition and submission for approval

Students may choose a complete study plan starting from the first year.

Students are required to choose the Degree classification (Classe di laurea LM-56 or LM-62) when they enroll, without the prejudice to the possibility of changing their choice when submitting the study plan.

Degree programme final exam

The final exam consists in the submission and public discussion, in front of a committee, of a master's dissertation.

The master's dissertation is an original piece of work, written by the candidate under the guidance of a supervisor.

Criteria for admission to degree course final exam

Having earned at least 99 credits for the learning activities contemplated by his/her study plan, a student may be admitted to

undertake the final exam leading to the award of the master's degree.

A total of 21 credits are reserved to the design, preparation and writing up of the master's dissertation.

The formal assignment of these credits can only take place at the moment when the dissertation is completed and discussed, and the final exam is passed.

EXPERIENCE OF STUDY ABROAD AS PART OF THE DEGREE PROGRAM

The University of Milan supports international mobility by providing its students with the opportunity to spend study and internship periods abroad. It is a unique chance to enrich your educational path in a new exciting environment.

The agreements entered into by the University with over 300 universities from 30 different countries under the European Erasmus+ programme allow regularly enrolled students to carry out part of their studies at one of the partner universities or to undertake internships at companies, training and research centres and other organizations.

Similar international mobility opportunities are provided outside Europe, through agreements with a number of prestigious institutions.

Study and internships abroad

The degree in Economics and Political Science offers the opportunity to study at several European universities, where students will be able to attend lectures and obtain credits for their degree.

Our partners are selected among the most prestigious academic institutions in France (SciencesPo), Germany (University of Mannheim), Norway (University of Oslo), and other European countries. A bilateral agreement with the Catholic University of Louvain and the Université de Namur (Belgium) allows a limited number of students to obtain a double degree in Sciences Economique and Economics and Political Science issued by the participating institutions. Moreover, an exchange with the HSBC Business School, Peking University Shenzhen (China), has been running since 2014. Finally, a new Exchange program with Plekhanov Russian University of Economics (Moscow, Russian Federation) has been activated in the a.y. 2016-17. The modules offered by our partners include core subjects and disciplines of Economics and Political Science such as Industrial Organization, Welfare Economics, European Law, Comparative and International Politics. The choice of modules is made by students before their departure in collaboration with the programme coordinator; the credits are recognized officially and included in the curriculum at the end of the exchange period.

The degree in Economics and Political Science also offers the opportunity to participate in internship programmes at institutions such as the ITUC - International Trade Union Confederation, OSE - Observatoire Social Européen, ETUI – European Trade Union Institute, EAPN – European Anti-Poverty Networks of Brussels and the Italian Chamber of Commerce in Hong Kong and Macao. Internships may also award student credits to be included in their curriculum.

How to participate in Erasmus mobility programs

The students of the University of Milan can participate in mobility programmes, which last 3 to 12 months, through a public selection procedure.

Ad hoc commissions will evaluate:

- the candidate's proposed study programme abroad
- his/her foreign language proficiency
- the reasons behind his/her application

Call for applications and informative meetings

The public selection generally begins around February each year with the publication of a call for applications specifying the destinations, with the respective programme duration, requirements and online application deadline.

Every year, before the deadline for the call, the University organizes informative meetings to illustrate opportunities and rules for participation to students.

Erasmus+ scholarship

The European Union grants the winners of the Erasmus+ programme selection a scholarship to contribute to their mobility costs, which is supplemented by the University funding for disadvantaged students.

Language courses

Students who pass the selections for mobility programmes can benefit from intensive foreign language courses offered each year by the University.

Learn more at <https://www.unimi.it/en/international/study-abroad/studying-abroad-erasmus>.

For assistance, please contact:

International Mobility Office

Via Santa Sofia 9 (second floor)

Tel. 02 503 13501-12589-13495-13502

E-mail: mobility.out@unimi.it

Desk opening hours: Monday to Friday 9 am - 12 noon

ADMISSION CRITERIA: 1ST YEAR OPEN, SUBJECT TO ENTRY REQUIREMENTS

Links to enrolment information and procedures

<https://www.unimi.it/en/study/enrolment>

Practical instructions

All applicants (both foreign and Italian holding a bachelor's degree or expecting to obtain it by December 31st, 2020), with the exception of non-EU students not resident in Italy, must apply for admission to the EPS programme from March 1st, 2020 till June 30th, 2020.

Non-EU applicants not resident in Italy (holding a bachelor's degree or expecting to obtain it by December 31st, 2020), must apply for admission to the EPS programme from March 1st, 2020 till May 31st, 2020.

Non-EU applicants not resident in Italy are also required to submit a pre-application at the Italian Embassy of their own country before June 30th 2020 (this date may be subject to change according to Italian Ministry of Foreign Affairs).

Applicants will be selected on the basis of an interview, which aim is to ascertaining the applicants' motivations as well as their personal knowledge, competences, and skills in the core areas of the EPS programme. For an idea of the appropriate level of knowledge, competences, and skills, candidates may consult the following textbooks:

Economics:

- Blanchard O., Macroeconomics, 5th edition, Pearson Prentice-Hall, Upper Saddle River, N.J., 2010.
- Varian H., Intermediate Microeconomics. A Modern Approach, 8th edition, Norton, New York, N.Y., 2009.

Political science:

- Clark W.R., Golder M. and Golder S.N., 2nd edition, Principles of Comparative politics, Washington DC, CQ Press, 2012

Quantitative methods (introductory calculus and linear algebra):

- Haeusserl E. F., R. S. Paul, R. J. Wood, Introductory Mathematical Analysis for Business, Economics, and the Life and Social Sciences, 13th edition, Pearson Prentice Hall, Upper Saddle River, 2010. Chapters: 0-6, 9-19.
- Simon C. P., L. Blume, Mathematics for Economists, W.W. Norton and Co., New York and London, 1994. Chapters 1-11.

Applicants will be contacted for a skype interview.

Further detailed information concerning the EPS programme are available at <https://eps.cdl.unimi.it/en>. For any other information, which is absent in the website, please contact the programme secretariat: eps@unimi.it, tel. +39 02 503-21553.

N° of places reserved to non-EU students resident abroad

50

ADMISSION CRITERIA: 2°YEAR

Notes

EPS does not accept transfer students at the second year. If interested, the student has to follow the admission process as a first-year student. Nevertheless, his/her previous exams may be recognized as EPS exams.

1st year students. Nevertheless, in some previous exams may be recognized as 210 exams.

| 1st COURSE YEAR Core/compulsory courses/activities | | | |
|--|--|---|---------------------------|
| Learning activity | | Ects | Sector |
| Advanced macroeconomics | | 6 | SECS-P/01 |
| Advanced microeconomics | | 6 | SECS-P/01 |
| Comparative politics | | 9 | SPS/04 |
| Game theory | | 6 | SECS-P/01 |
| International economic law | | 6 | IUS/13 |
| Optimization | | 6 | SECS-S/06 |
| Positive political theory | | 9 | SPS/04 |
| Research methods | | 12 | (6) SPS/04, (6) SECS-P/05 |
| | | Total number of compulsory credits/ects | 60 |
| 2nd COURSE YEAR Core/compulsory courses/activities | | | |
| Learning activity | | Ects | Sector |
| Global firms and markets | | 12 | SECS-P/08 |
| | | Total number of compulsory credits/ects | 12 |
| Elective courses | | | |
| Students must earn 9 credits by selecting one of the following alternatives: | | | |
| Comparative welfare states | | 9 | SECS-P/03 |
| Empirical methods for economics and policy evaluation | | 9 | SECS-P/03, SECS-P/01 |
| Students must earn 6 credits by selecting one of the following alternatives: | | | |
| Governance of the European Union | | 6 | SPS/04 |
| Social justice in a global world | | 6 | SPS/04 |

| Further elective courses | | | |
|---|---|----|-----------|
| Students must earn 9 credits for elective activities | | | |
| Students must earn 3 credits by selecting one of the following alternatives: Foreign language: advanced; Computer skills: advanced; Internship; Laboratory; Orientation seminars | | | |
| Additional Language Skills: Italian (3 ECTS) | | 3 | ND |
| Advanced computer skills | | 3 | INF/01 |
| Advanced Language Skills: French (3 ECTS) | | 3 | ND |
| Advanced Language Skills: German (3 ECTS) | | 3 | ND |
| Advanced Language Skills: Spanish (3 ECTS) | | 3 | ND |
| Orientation seminar | | 3 | SECS-P/01 |
| | | | |
| End of course requirements | | | |
| Final exam | | 21 | NA |
| | Total number of compulsory credits/ects | 21 | |

COURSE PROGRESSION REQUIREMENTS

1. Optimization is propaedeutic to Global firms and markets
2. Game theory is propaedeutic to Positive political theory
3. Research methods is propaedeutic to Empirical methods for economics and policy evaluation
4. Advanced Microeconomics and Research methods are propaedeutic to Global firms and markets