



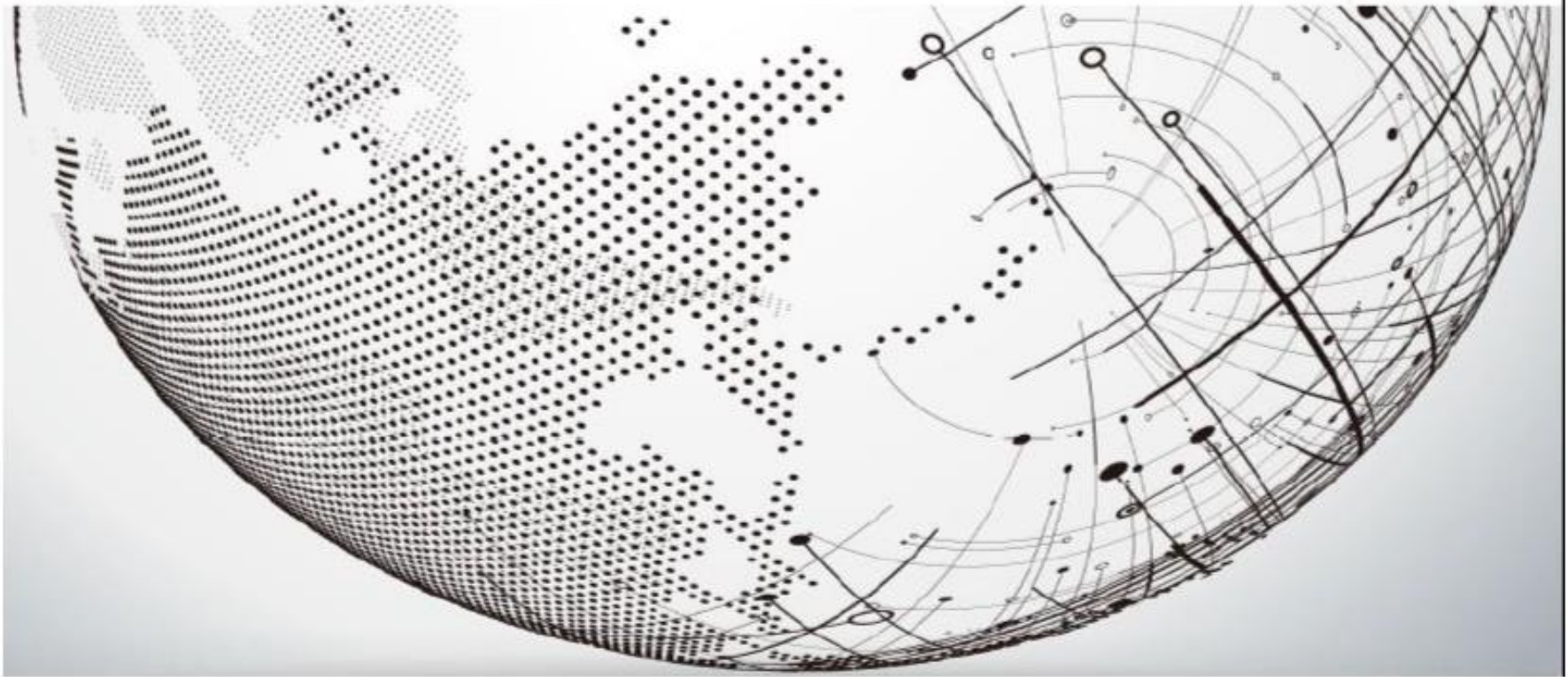
UNIVERSITÀ
DEGLI STUDI
FIRENZE

School of Economics
and Management

master of science

Economics and development

MSc in **ECONOMICS AND DEVELOPMENT**




Master Program LM56
Scienze dell'Economia

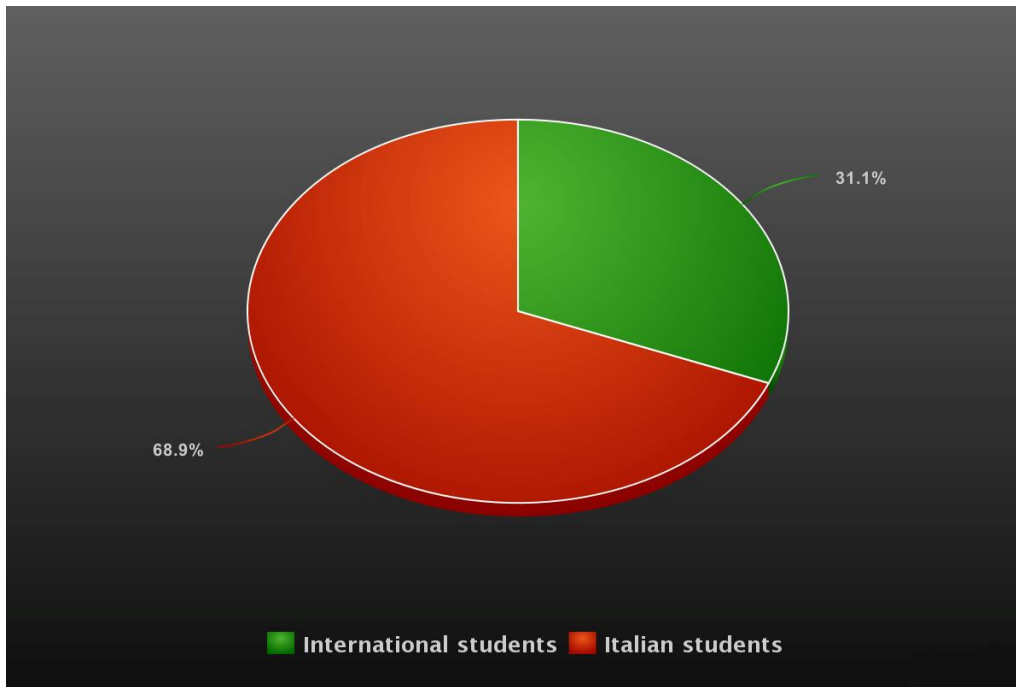
Info on the web

- [MSc website](#)
- [Flyer](#)
- [Booklet](#)
- [Enrollment info](#)
- [Testimonials curriculum in Development Economics](#)
- [Testimonials curriculum in Economics](#)
- For videos on MSc presentation, short courses in International Trade, Computational Economics, Behavioural Social Evolution, Agriculture Development and Poverty, and other orientation activities see [FEDERICA](#)

MSc main features

- **The MSc in Economics and Development is offered by the School of Economics and Management of the University of Florence**
- **LM-56**
- **All MSc courses are in English (and also the thesis)** 
- **Excellent student to staff ratio**
- **International environment**
- **Interdisciplinary approach to the teaching of economics**
- **2 curricula: in Economics and in Development Economics**

International Environment



Students from many Italian Universities



Some of the nationalities of the MSc students

Afghanistan	Colombia	Iran	Moldova	Syria
Albania	France	Ireland	Mongolia	Sri Lanka
Canada	Gambia	Kazakistan	Pakistan	United States
Chile	Germany	Macedonia	Portugal	Sweden
China	India	Morocco	Russia	Turkey

Erasmus students (incoming)



Erasmus+

Interdisciplinary skills (I)

Courses and Laboratories in:

- ✓ Economics
- ✓ Econometrics
- ✓ Python, Stata
- ✓ Mathematics
- ✓ Statistics
- ✓ Management
- ✓ Law
- ✓ History
- ✓ Political Science
- ✓ ...

Interdisciplinary skills (II)

- Students acquire a **diversified spectrum of skills**
- Key competences: **solid economic knowledge, problem-solving skills, analytical thinking, and economic intuition.**
- Students are provided with tools
 - ✓ to analyse and possibly solve socio-economic problems within international organisations, companies or governments,
 - ✓ to collect, analyze and interpret quantitative and qualitative information from local, national and international datasets,
 - ✓ to use economic and econometric methods to formulate and evaluate global and sectoral economic policies by learning software as Python, Stata, etc.
 - ✓ to conduct research in the field of economic development or economics.
- A sound background in economics and quantitative methods is matched with an **interdisciplinary approach** (legal, business, finance, historic, etc.) to develop additional useful skills for the job market

Program Structure

Two curricula:

1. *Development Economics*

- ❖ ***Double Degree University of Göttingen - Germany***

2. *Economics:*

- ❖ ***Track in Economics***

- ❖ ***Track in Behavioural Economics***

- ***Free study program***

Curriculum in Development Economics

For students interested in understanding the economies of less developed countries, why some countries managed to grow, and reduce poverty and others did not, the drivers of successful economic development and the causes for stagnation, the design and evaluation of policies that promote sustainable/inclusive growth, education for all, global health, food security and reduce income inequality, gender inequality, conflict, etc.

Curriculum in Development Economics: Career opportunities

It provides an ideal background for work as a professional development economist in national and international agencies, civil service appointments, Non-Governmental Organizations (NGOs) and private sector companies with interests in developing countries or for pursuing a PhD programme (in Development Economics and related topics) at leading universities around the world.

Curriculum in Economics

For students interested in acquiring skills for a successful career as professional economist, in learning quantitative tools to analyse major current economic issues and policies, in using theoretical and empirical techniques to analyse the competitiveness of markets, to forecast macroeconomic and financial variables, to evaluate programs for private and public institutions.

Track in Economics for students interested in using economics and econometric methods to analyze data and formulate or evaluate global and sectorial economic policies, and in conducting theoretical and applied research in economics.

Track in Behavioral Economics for students interested in theoretical and experimental analysis of individual behaviors and institutions, taking into account the effects of psychological, cognitive, emotional, cultural and social factors.

Curriculum in Economics: Career opportunities

Both tracks provide an ideal background for work as a professional economist in a wide range of positions in private economic consultancy agencies, business, finance, central banking, national and international organisations and governments or for pursuing a PhD programme (in Economics and related topics) at leading universities around the world.

To sum up Career opportunities

LM-56

- International organizations (WB, IMF, OECD, EU, etc)
- Financial operators (banks, insurance companies, etc.)
- Private Sector Companies (multinationals, consulting firms, etc.)
- Public servants (central and local administrations)
- Central banks (national and European)
- Social security institutions and operators
- National and international NGOs
- Fund raising for public and private projects
- Economic research centers
- Teaching Economics and Law in high school

Job Placement (I)

Graduates of the MSc have extremely good job placements, for example:

European Central Bank, Bank of Italy, UNCTAD-WTO, UNICEF, FAO, World Bank, CNR, Capgemini S.p.A, Deloitte, Findomestic Banca SpA, Accenture, MedTech Europe-Brussels, CCH® Tagetik, Sace Simest Cassa Depositi e Prestiti, Centro Studi Confindustria, RAI - Radiotelevisione italiana S.p.A., Menarini, Monte dei Paschi di Siena Capital Services, European Institute of the Mediterranean, School of Public Health (UofA – CUP)-Canada, MEF-Ministero dell'Economia e delle Finanze, Robert Schuman Centre for Advanced Studies-European University Institute, ARCO research center, Fincantieri, ATMOSphere-Brussels, European Innovation Council and SMEs Executive Agency (EISMEA)-Brussels, Starkmacher e.V.-Germany, Pagasa Social Center-Philippines, AMU Azione Mondo Unito, Action Aid, PerMicro, IRPET,...

Job Placement (II)

Graduates of the MSc have entered PhD programs at the following Universities:

Brown University (US), University of Reading (UK), University of Surrey (UK), Toulouse School of Economics (France), University of Groningen (Netherlands), University of Mannheim (Germany), Interdisciplinary Demographic Institute and University of Groningen (Netherlands), University of Bologna (Italy), Collegio Carlo Alberto - University of Turin (Italy), Università Cattolica del Sacro Cuore – Milan (Italy), University of Pisa (Italy), Pegasus University of Florence, University of Pisa and University of Siena (Italy), Delos University of Florence (Italy), University of Insubria (Italy), University of Rome Tor Vergata (Italy), IMT Lucca (Italy), University Ca' Foscari – Venice (Italy), University La Sapienza Rome (Italy), PhD Statistics University of Florence (Italy), Università Politecnica delle Marche (Italy), PhD University of Florence and University of Trento (Italy).

Admission (I)

Curricular requirements:

- **18 CFU in Economics (*SECS-P/01-P/02-P/03*)**
- **6 CFU in Statistics (*S/01 or SECS P/05*)**
- **6 CFU in Mathematics (*S/06 or MAT/01-09*)**
- **English level B2 (Common European Framework of Reference for Languages).**

Note:

- Missing basic knowledge can also be acquired by enrolling in single courses, indicated by the Teaching Committee.
- Graduate students with a bachelor degree in Economics (*Economia e Commercio*), in *SECI*, or Management (*Economia Aziendale*) satisfy the curricular requirements.

Admission (II)

- **Bachelor Degree grade not smaller than 99 out of 110**
- Candidates whose Bachelor degree grade is lower than 99 out of 110 are asked to sit an **interview** (or a test).

The Teaching Committee may also take into account the candidate's **curriculum vitae**.

The **syllabus** for the interview (or the test) is made available in advance.

Curriculum in Development Economics

	Course	ECTS
First year	Development Microeconomics	9
	Development Macroeconomics	9
	Statistical Inference	9
	<i>Choose two from:</i> Economics of Innovations Human Development and International Cooperation Health and Education Economics	12
	<i>Choose one from:</i> Mathematical Methods for Economic Analysis Measurement and Causes of Poverty	6
	<i>Choose one from:</i> Firms' financing, bank management and sustainable finance Corporate governance, bank management and sustainable finance Corporate Governance, firms' financing and financial markets	12
	<i>Choose 6 ECTS from:</i> Econometrics Lab 6 ECTS Economics Lab (Competition Policy) 6 ECTS Stata Lab I: Software 3 ECTS Stata Lab II: Models and applications 3 ECTS Joint seminar Florence-Goettingen 3 ECTS English for Economics 6 ECTS Spanish 6 ECTS French 6 ECTS German 6 ECTS	6

Curriculum in Development Economics

	Course	ECTS
Second year	International Trade	6
	<i>Choose one from:</i> Economic Law International law	6
	<i>Choose two from:</i> Economic History of Globalisation International Conflict Transformation Politics of Globalisation and Human Rights Anthropology and Development Environment and Development Agriculture Development and Poverty Microeconometrics Local and Industrial Development Economics Labour economics and Gender History of Economic Thought Agri-food Economics	12
	<i>Optional courses and/or Traineeship</i>	12
	Thesis	21

Curriculum in Economics

Both Tracks in Economics and Behavioural Economics

	Course	ECTS
First year	Game Theory and Microeconomics	9
	Advanced Microeconomics	6
	Advanced Macroeconomics	9
	Statistical inference	6
	Mathematics for Economics	9
	<i>Choose one from:</i> Firms' financing, bank management and sustainable finance Corporate governance, bank management and sustainable finance Corporate Governance, firms' financing and financial markets	12
	<i>Choose one from:</i> Economic Law International law	6

Curriculum in Economics

Track in Economics

	Course	ECTS
Second year	Political Economy	6
	Microeconometrics	6
	Macroeconometrics	6
	<i>Choose one from:</i> International Trade Labour Economics and Gender Economics of Innovation Behavioural Economics Public Economics Computational Economics	6
	<i>Choose one from:</i> Econometrics Lab Economics Lab (Competition policy) Mathematics Lab Experimental Economics Lab	6
	<i>Optional courses and/or Traineeship</i>	12
	Thesis	21

Curriculum in Economics

Track in Behavioural Economics

	Course	ECTS
Second year	Political Economy	6
	Microeconometrics	6
	Behavioural and Social Evolution	6
	Behavioural Economics	6
	Experimental Economics Lab	6
	<i>Optional courses and/or Traineeship</i> <i>Suggested courses:</i> Computational Economics Elements of Policy Evaluation Methods Population, Society and Families Social Network Analysis Stata Lab. I: Software Stata Lab. II: Models and Applications Statistical Information Systems: Big Data, Open Data and Semantic Web	12
	Thesis	21

Some examples of *Traineeship*



AGENZIA ITALIANA
PER LA COOPERAZIONE
ALLO SVILUPPO

VOLONTARIATO INTERNAZIONALE
PER LO SVILUPPO



Insieme, per un mondo possibile



BANCA D'ITALIA

IE Med.

European Institute of the Mediterranean



Istat

Istituto Nazionale
di Statistica



Food and Agriculture
Organization of the
United Nations



EDI Global



Publiacqua

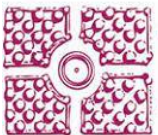
A Mathematica Company



CONFINDUSTRIA



OXFAM



IRPET



FONDAZIONE
GIOVANNI
PAOLO II



Erasmus+
Traineeship

Some examples of Titles of MSc thesis (I)

- ***On International Trade:***
 - **Pro-Poor Value Chain Development**
 - **Regional Trade Agreements and the geography of conflicts: theory and empirical evidence, a focus on the African case**
 - **Urbanization, Agglomeration and Economic Growth in China: empirical evidence at provincial level**
 - **Brexit: the economic consequences of leaving Single Market**
 - **The cobalt Global Value Chain: role and development possibilities for the Democratic Republic of Congo**
 - **Effects of trade liberalization reforms on female labour force participation: case study on Egypt**
 - **Syria in the Dark: Estimating the Economic Consequences of the Civil War through Satellite-Derived Night-Time Lights and the Synthetic Control Method**
 - **International Trade and Food Security: Evidence from Costa Rica**
 - **Gender inequality and firms' survival: the case of Ethiopia**
 - **How to control the Inflation Rate of Eurosystem with the European Central Bank Monetary Policy**
 - **China and Western Countries: cooperation or conflict?**

Some examples of Titles of MSc thesis (II)

• ***On Agriculture Development and Poverty:***

- Machine Learning approaches for Proxy Means Tests improvement: An Application to Malawi
- Shocks, Coping Strategies and Food Security in the Context of a Protracted Conflict: The Case of Palestine
- The Impact of Social Protection on Individual Well-Being Dimensions in a Protracted Crisis Context: The Case of Palestine
- Agricultural shocks, coping strategies, and household welfare in rural Malawi
- The Developing Countries Climate Change Commitments: An ex-ante analysis of the NDCs' drivers
- Tomorrow's Food: An analysis of the impact of diets on climate change

• ***On Health and Education Economics:***

- The Unpredictable Outbreak of Coronavirus and its Global Macroeconomic Shocks: Analysis of Italian strategies in virus management
- Education and economic growth: the case of MENA region
- The effect of child labour on learning achievement: Evidence from Tanzania
- Investing in our future: Impact evaluation of an Early Childhood Development program in Bangladesh
- Fiscal Federalism and Tax Competition. The Case of the Italian Intergovernmental Transfers
- Education-job mismatch in the Italian graduate labour market. An empirical evaluation of the wage effects and determinants of overqualification among Italian graduates using OECD's Survey of Adult Skills (PIAAC, 2012)

Some examples of Titles of MSc thesis (III)

- ***On Development Macroeconomics:***

- **Macroeconomic instability and exchange rate regimes: the Argentine case**
- **Corruption and inequality: Latin-America between 2000 and 2008**
- **Concentration and Competition in the Brazilian Credit Market**
- **The impact of monetary policy on the financial market: Evidence from the United Kingdom**
- **Evolutionary Game Theory. Theory and Applications**
- **Externalities in Growth Models: Endogenous Growth and Sustainability**

- ***On Economic Law:***

- **Beyond Blockchain Issues on Regulation: The Future of the Technology in the African Continent**
- **Personal data & Online Identity: Legal framework, challenges and a glimpse into the future**

Some examples of Titles of MSc thesis (IV)

- ***On Game Theory and Microeconomics:***
 - **On Bundling, Foreclosure and Mergers (di prossima pubblicazione in Review of Industrial Organization)**
 - **On the individual incentives to bundle in oligopoly (di prossima pubblicazione in Journal of Economic Behavior and Organization)**
 - **Explaining overbidding in first-price interdependent values auctions using regret**
- ***On Microeconomics/Behavioural and Social Evolution:***
 - **Inference in presence of multicollinearity and many controls with high-dimensional methods**
 - **Inter-class alliance against the middle class: a model of redistribution with social concerns**
 - **The economics of military expenditure: investments, consumption and conflicts**
 - **Pandemics as health shocks: the dynamics of health and economic activities over time**
 - **Social Networks and Labor Market: a Model of Job Search and Information Transmission through Word-of-Mouth Communication**
 - **Informational Cascades in a Model with Reviews**

Some of the international activities

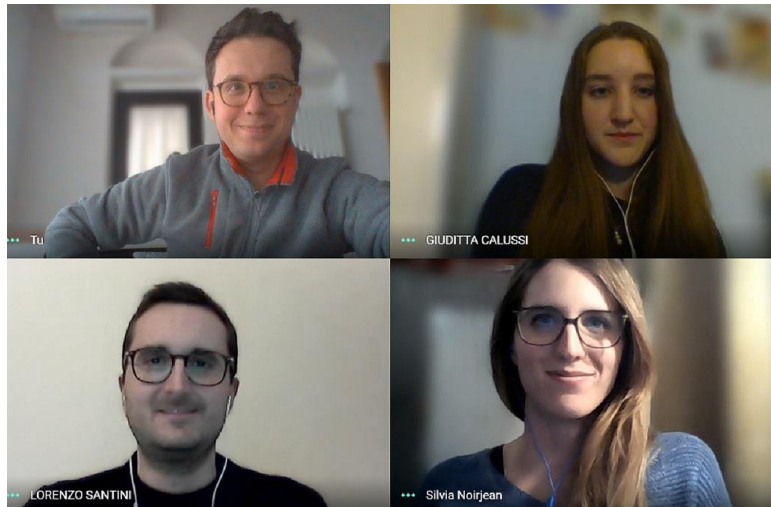
- **Econometric Game organized by the Association for Actuarial Science, Econometrics & Operational Research of the University of Amsterdam**
- **Erasmus+**
- **Erasmus+ KA107 Palestina for Traineeship**
- **Syracuse University in Florence**
- **Double Degree University of Göttingen Germany**

UNIFI selected for the Econometric Game

The University of Florence has been selected to participate in the Econometric Game also in 2022 and some MSc students are in the team!

UNIFI Team for Econometric Games 2021

Giuditta Calussi – M.Sc. student Statistics
Giulio Grossi – Ph.D. student in Statistics
Silvia Noirjean – Ph.D. student in Statistics
Lorenzo Santini – M.Sc. student in Economics and Development



Hi! We are the team which represents the University of Florence at the Econometric Games 2021 that will be held in online format from the 7 to the 9 of April. We are looking forward to start and get involved in this exciting econometric jam session!

Universities participating at the Econometric Game 2021



Erasmus program

- **ED Students can apply to the Erasmus+ program**
- **Opportunities: Study, traineeship, and thesis abroad**
- **Destinations: EU and non-EU countries (Germany, France, The Netherlands, Sweden, China, Japan, Turkey, Australia, Mexico, Colombia, etc.)**



Erasmus+ KA107 Palestina

- **Traineeships for the MSc students**
- **Mobility of students and professors between the University of Florence and Al Quds University (Palestina).**
- **Economic and social development, food security, and political science**

Agreement with SUF

Syracuse University in Florence (SUF)



**Some SUF Students attend
ED courses**

Some ED courses are given at SUF



Double degree

Double Degree with the MSc in Development Economics of the University of Göttingen
Germany

Curriculum in Development Economics



Double Degree: University of Göttingen

- First year at the University of Florence, Second year at the University of Göttingen (thesis included)
- Selection process at the end of the first semester of the first year
- Scholarship opportunities: ERASMUS, DAAD
- (<http://www.daad-italia.it/it/>, <http://www.unifi.it/cmpro-v-p-10423.html>)



Adimission requirements

- English level C1
- Bachelor courses must have included:
 - 12 CFU in Mathematics / Statistics / Econometrics
 - 60 CFU in Economics / Mathematics / Statistics / Econometrics / Agricultural Economics / Economic Geography / Economic History

Selection criteria

- Bachelor degree grade
- Motivation letter
- Average grade of the compulsory exams taken in the first semester of the first year
- In case of a tie, there will be taken into account:
 - knowledge of German language (only if certified)
 - weighted average of the non-compulsory exams of the first semester of the first year

**Double Degree in Development Economics
a.a. 2021-2022**

		Course	ECTS
First year (Florence)		Development microeconomics	9
		Development macroeconomics	9
		Statistical inference	9
	One of	Firms' financing, bank management and sustainable finance Corporate governance, bank management and sustainable finance Corporate Governance, firms' financing and financial markets	12
	One of	Mathematical methods for economic analysis Measurement and causes of poverty	6
	One of	Agriculture Development and Poverty Environment and development Microeconometrics Local and industrial development economics Labour economics	6
	One of	Economic Law International law	6
		Joint seminar Florence-Goettingen	3

Double Degree in Development Economics a.a. 2021-2022

	Course	ECTS
	Socioeconomics of rural development and food security	6
One of	Empirical trade issues International trade International political economy Market integration and price transmission I Firms in International trade	6
One of	Behavioural Development Economics Macroeconomics of Open Economies International Trade and the Labour Market Growth, Resources, and the Environment Essential of global health	6
One of	Advanced Development Economics Migration Economics: Replication course Economic reform and social justice in India Quasi-Experiments in Development Economics Essential of global health	6
One of	Seminar Economic Situation of Latin America in the 21st Century: 'Challenges of Economic Development in Latin America Seminar: Controversies in Development Economics Seminar: Economic Effects of Regional Integration Seminar: Topics in European and Global Trade Seminar: Globalization and Development Seminar: Methods of Policy Evaluation: Case Studies Seminar: Sustainable Development, Trade and Environment Seminar: Economics of Crime Seminar: Behavioral Development Economics Seminar: Business Cycles in Developing Countries Many others....	6
	Thesis	30

Second year
(Goettingen)

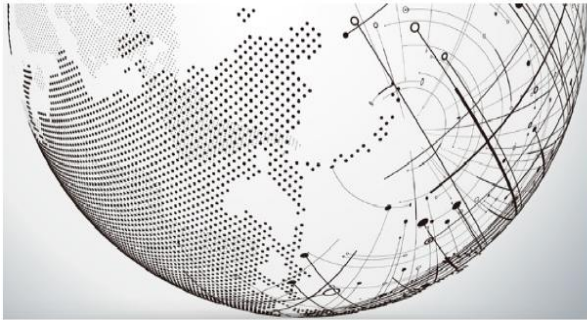
International Monetary Fund MOOCs

Online courses in a variety of subjects:

- ✓ macroeconomic analysis
- ✓ monetary and fiscal policy
- ✓ macro-financial linkages
- ✓ balance of payments issues
- ✓ financial markets and institutions
- ✓ statistical and legal frameworks in the previous areas

MSc Keynote Lecture

Master of Science in ECONOMICS AND DEVELOPMENT



Keynote Lecture 2020/2021

Friday, April 16 | 4.00 pm

<https://bit.ly/3vgY362>

password: iUmCepct238

The COVID-19 Economic Crisis

Prof. Guido Lorenzoni
Northwestern University

Master of Science in ECONOMICS AND DEVELOPMENT



Opening Lectures 2019/2020

Thursday, November 14 | 2.30 pm

Social Sciences Campus | Novoli | Building D6 - 111
Via delle pandette 9, Firenze

2.30 pm
Economic Geography of Sovereignist Europe
Prof. Gianmarco Ottaviano | Bocconi University

3.30 pm
Coffee break

4.00 pm
On the European Stability Fund
Prof. Ramon Marimon | European University Institute

Master of Science in ECONOMICS AND DEVELOPMENT



Opening Lecture 2018/2019

Wednesday, November 7 | 2 pm
Social Sciences Campus | Building D6 - 111
Via delle pandette 9, Firenze

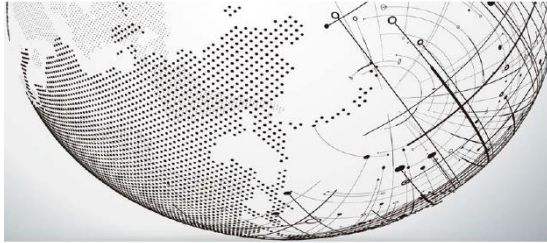
2 pm
An overview of the causes of populism and
its consequences for conflict and inequality
Prof. Massimo Morelli | Bocconi University

3.15 pm
Coffee break

3.45 pm
Job Opportunities for Graduates in Economics and
Development Economics
Dr. Guglielmo Barone | Banca d'Italia
Dr. Andrea Cattaneo | FAO
Dr. Angelo Piazza | Findomestic - BNP Paribas

Examples of additional activities

Master of Science in ECONOMICS AND DEVELOPMENT



Meeting with ED graduates

What are your career opportunities after graduation?
Meet some ED graduates and get their experiences!

Tuesday, November 23 | 2.00 pm

WebEx link: <https://tinyurl.com/MSc-november-23>

Password: ZDzECqZm492

During the meeting you will:

- have the opportunity to hear about ED graduates job experiences;
- ask questions, advices, etc..

Master of Science in ECONOMICS AND DEVELOPMENT



ED MSc students meet Ph.D. students

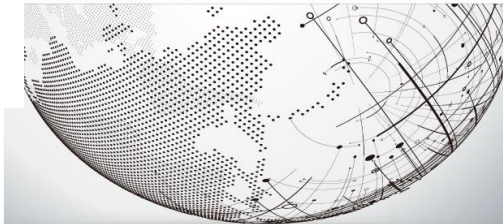
Wednesday, December 23rd | 3.00 pm

Google Meet: <meet.google.com/min-mxun-uwj>

During the meeting you will

- Have the opportunity to hear about ED alumni Ph.D. experiences;
- Acquire information for your application(s).

Master of Science in ECONOMICS AND DEVELOPMENT



Meeting on how to prepare a PhD application

Prof. Antonio Villanacci
MSc in Economics and Development

Monday, November 23rd | 1.00 pm

WebEx link:

<https://unifirenze.webex.com/unifirenze/j.php?MTID=11935e607a986e96c1e497271567>

Password: tDkagRVdKXpXA

Master of Science in ECONOMICS AND DEVELOPMENT



Wednesday October 13 2021 at 12.00 pm

Join Webex Meeting:

<https://unifirenze.webex.com/unifirenze/j.php?MTID=m2ff72780c5b52463033da36ab589beaa>

Password: NVhvb7Qpt26

Double Degree Meeting

Prof. Lisa Grazzini

Information on the Double Degree with the University of Goettingen will be provided to first-year students of the Curriculum in Development Economics

The team

- **Director of the Master in Economics and Development:**
 - Prof. Lisa Grazzini (lisa.grazzini@unifi.it)
- **Admissions:**
 - Prof. Lisa Grazzini (lisa.grazzini@unifi.it) DE
 - Prof. Annalisa Luporini (annalisa.luporini@unifi.it) E
- **Study program:**
 - Prof. Leonardo Boncinelli (leonardo.boncinelli@unifi.it) DE
 - Prof. Annalisa Luporini (annalisa.luporini@unifi.it) E
- **Traineeship:** Prof. Filippo Randelli (filippo.randelli@unifi.it)
- **Erasmus:**
 - Prof. Donato Romano (donato.romano@unifi.it) DE
 - Prof. Lapo Filistrucchi (lapo.filistrucchi@unifi.it) E
- **Ph.D. Application:** Prof. Antonio Villanacci (antonio.villanacci@unifi.it)
- **Administration:** Barbara Brunelli (english.msc@economia.unifi.it)