

master

Economic Analysis

Training track: Economics

Full-time training - Continuing education

CY Cergy Paris Université
CY Tech économie et gestion

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Overview

The Master 2 in Economic Analysis is a joint program between CY Paris Cergy Université and ESSEC Business School. It offers high quality training in economics in a one-year program, where all courses are taught in English. Its purpose is to prepare for further studies in a PhD program. Therefore, the program focuses on economic theory as well empirical methods with several courses that rely on statistical softwares (e.g., Stata, Python, R).

The Master 2 in Economic Analysis is part of a Ph.D. program in Economics of ESSEC Business School, in partnership with CY Paris Cergy Université. Students who have successfully completed the master program may demand admission to the Ph.D. program. They are also eligible to apply to the doctoral program at CY Paris Cergy Université.

Students gain a mastery of quantitative methods (optimization, econometrics, simulation methods) and the basic concepts of the individual choice theory and the micro and macroeconomic equilibrium. Specialization courses address current and advanced research in applied fields.

The training in research follows international standards of scientific quality in economy. Fluency in English facilitates the research activity, which is international in nature.

The two partner institutions have a strong scientific visibility. According to international rankings, CY Paris Cergy Université is among the very best French universities, while ESSEC is among the French business schools that are most active in research.

Admission to the M2 Economic Analysis

Any student holding a M1 (at CY Cergy Paris Université or elsewhere) may apply to the Master 2 in Economic Analysis. Likewise, students who have graduated from a Grande École d'ingénieur ou Grande École de Gestion may apply, as well as students from the ESSEC MBA having completed at least half of the credits for the MBA. Admission decisions are based on the analysis of the student's application material.

As for foreign students, they must have a degree equivalent to the French M1, such as a bachelor's degree.

A degree in economics is not necessary, but the candidate should have some background in mathematics, since the courses rely heavily on mathematical modelling of economics.

An English proficiency certificate (TOEFL, TOEIC or IELTS) is required with a minimum CEF level of B2 for all candidates who are not native English speakers or who have not done their previous studies in English. The M2 Economic Analysis program provides several scholarships for excellent students.



Program

T1: SEPTEMBER TO DECEMBER

	Hours	ECTS
Econometrics I: Fundamentals of Econometric Theory	27	13.5
Choice and Decision Theory	27	13.5
Macroeconomics I: Growth and overlapping generation model (starting date: October)	27	2
Microeconomics I: Choice under Uncertainty and Game Theory (starting date: October)	27	2
Applications of Econometrics I	10	1
Mathematics for Economics	27	13.5

T2: JANUARY TO MARCH

	Hours	ECTS
Applications of Econometrics II	27	3
Macroeconomics II : Fluctuations	27	3
Microeconomics II : Welfare Economics and Markets Failures	27	3
Econometrics III : Microeconomics	27	3
1 course among 2 Time Series Analysis	27	3
2 electives among 6 (within 3 specializations) Industrial Organization	27	3
Empirical Industrial Organization	27	3
International Finance	27	3
International Trade	27	3
Labor Economics	27	3
Public Economics	27	3

T3: APRIL TO JUNE

	Hours	ECTS
Master's Thesis		30
Research Seminar 1: Professor's Seminar		
Research Seminar 2: Student's Seminar		

Career Opportunities

The Master 2 in Economic Analysis offers a number of alternative careers. Among the several options, there are the large international institutions (European Commission, European Central Bank, OECD, IMF, World Bank, WTO, ILO, BIS, Regional Development Banks, etc.), which recruit students at Research Master level. French and foreign governments are also an outlet. Finally, the private sector, in particular the financial sector, is another option, since economists are capable of guiding major strategic choices.

Finally, the students most interested in academic research may continue into a PhD program to be able to pursue a career in universities, research institutions (CNRS, INRA, OFCE, etc.) or in Business Schools in France or abroad. The Master prepare students to follow a doctoral program in economics, in the fields of industrial organization, international economics, public economics, labor economics, development economics, macro and microeconomics. After the M2 EA program, students can apply to the CYU doctoral program. They may also apply to the ESSEC PhD program in Economics. The M2 corresponds to the first year of this PhD program.

Excellence scholarships

The M2 Economic Analysis program provides several scholarships for excellent students.

