

ÉCONOMIE

Marie-Laure Allain ▸ *Responsable du PA*
marie-laure.allain@polytechnique.edu

Jean – Baptiste Michau ▸ *Responsable du Master in Economics*
jean-baptiste.michau@polytechnique.edu

Weronika Leduc ▸ *Assistante du Département* – Bureau 4050, ENSAE
Weronika-natalia.leduc@polytechnique.edu

Département d'Économie
Moodle du Département

Program Description

The PA Economics is a one-year specialization program in Economics. The program emphasizes the quantitative aspects of economic analysis. Core courses rely mainly on modeling and game theory for the theory part, econometrics and data analytics for the empirical part. Applied courses extend these concepts to corporate finance and economic activity analysis. Although various courses are based on case studies, applications in real examples and data analysis, the main focus of the program will be on scientific studies aimed at engineers, and thus the provided courses will use strong scientific methodologies.

The program is aimed at the students who expect to develop their career in the public sector (economic administration, ministries, regulation agency, central banks, international organizations) or the private sector (consulting in business strategy, industry, bank, M&A, insurance, venture capital, financial services), or who wish to become entrepreneurs.

The PA Eco offers five specialization tracks: market strategy, corporate finance, public policy, environment economics and Master in Economics. All courses are taught in English.

Fourth-year opportunities

In France

- Corps de l'État.
- ENSAE, Mines, Ponts (economics management, finance), Télécom, HEC.
- Master 2 at École Polytechnique: MScT Economics, Data Analytics and Corporate Finance, Data and Economics for Public Policy.
- Second year (M2) of the Master in Economics (mainly for students from the "MIE track").

Abroad

Master and Phd in Economics, Finance, Public Administration, Operations Research, Business Analytics, Technology and Management, International Affairs.

Master in Economics track

This track of the PA Economics corresponds to the first year (M1) of the Master in Economics, which is a two-year program jointly offered by IP Paris and HEC. The objective of this program is to provide an advanced training in economics to students who want to become professional economists working in government, central banks, international organizations, consulting, and finance or in academic research.

The Master in Economics trains students to have a sound expertise in economics. The program heavily relies on advanced quantitative methods. The first year focuses on the theoretical and empirical tools of modern economic analysis, together with their most important applications. By the end of that year, students should be able to read research papers and assess the quality of economic arguments on non-trivial policy issues.

Students who choose to stay on for the second year (M2) will specialize within subfields of economics (finance, games and decision theory, industrial economics, macroeconomics, international economics, labor economics, public economics, sustainable development, and econometrics). By the end of that year, they should be familiar with the research frontier within their main area of specialization.

After finishing the M2, many strong students start a PhD in the U.S., at IP Paris, or elsewhere.

Website of the Master in Economics

Course choice rules

The students must register to, follow and pass four courses per semester. The available course choice is listed in each track. Some courses are mandatory in each track. Students must follow either the full Applied econometrics sequence or the full Advanced Econometrics sequence during the year.

Taking courses outside the list ("panachage") is allowed only for one course per year. If a student wants to choose a second course outside our PA, they must send a motivated request to the Head of Program. Students outside PA ECO wanting to take Economics courses, must contact the Head of Program.

The research track (master) is composed of a compulsory common core.

General Prerequisites

In order to choose PA Economics, in principle the students must have passed ECO_41031_EP Microéconomie or ECO_42032_EP Macroéconomie in their second year (2A).

For the Master in Economics track, ECO_42032_EP is a prerequisite; ECO_43033_EP Data and Economics or APM_41033_EP Statistiques are strongly recommended.

For Public Policy track, ECO_41031_EP is a prerequisite. If not passed, ECO_51650_EP becomes mandatory in the track.

Prerequisites for courses

- ECO_51052_EP Applied Econometrics 1 for ECO_52062_EP Applied Econometrics 2
- ECO_51652_EP Advanced Econometrics 1 for ECO_52662_EP Advanced Econometrics 2
- ECO_51054_EP Corporate Finance for ECO_52068_EP Advanced Corporate Finance
- ECO_51053_EP Financial Decisions under risk 1 for ECO_52182_EP Financial Decisions under risk 2
- ECO_41031_EP Microéconomie for ECO_5TO13_AE Public Economics and Public Finance
- ECO_51172_EP Environmental Economics for ECO_52069_EP Environmental Economics 2
- ECO_51056_EP Industrial Organization for ECO_52180_EP Competition Policy, ECO_52183_EP Business Economics and ECO_52188_EP Digital Economics

Semester 1 and 2

Elective Applied projects

ECO_50P11_EP – Research Project in Applied or Theoretical Economics
through 1st and 2nd semester, it replaces two courses, one per semester.

In order to complement theoretical knowledge acquired during the courses, Project **ECO_50P11_EP** provides students with opportunities to work on a topic in applied economics, with some empirical ingredients or applied economic theory. Students work in groups of two or three members, and they are graded during an oral exam in March. A written report is submitted a week before the oral exam. Academic tutors provide topics, and meet the students on regular basis to supervise their work. The list of topics is provided at the end of September. Any topics proposed by the students/any arrangements are to be discussed individually. A mid term report is submitted for the first semester grade.

Approximate timeline

- September: announcement of the subject list by the department
- Beginning of October: registration, beginning of work
- Beginning of December: mid-term report (Semester 1)
- Beginning of March: final report (Semester 2)
- Mid- March, oral exam

Semester 3

Stage de recherche **(Research Internship)**

ECO_52991_EP – Internship in Microeconomics/Corporate/Environmental Sector, coordinator: Thierry Kamionka – thierry.kamionka.@ensae.fr
ECO_52992_EP – Internship in International Economics/Public Policy, coordinator: Alessandro Riboni – alessandro.riboni@polytechnique.edu
ECO_52993_EP – Internship in Banking/Finance, coordinator: Julien Prat – julien.prat@ensae.fr

In the third semester, students do an internship of 16 weeks minimum. The objective of this research internship is to provide students with opportunities to apply economic theory in practice. The students are expected to deliver application of economic theory into practice in a public or private institution, or conduct economic research in an academic institution.

COMPOSITION DU PROGRAMME

Track corporate finance

Code couleur des cases : bleue = amphi/CM, marron = PC, grise = EA.
** = deux groupes font cours

	Lundi				Mardi				Mercredi				Vendredi			
	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2
Cours P1	*(Obligatoires)*															
ECO_51052_EP										***						
ou ECO_51652_EP																
ECO_51054_EP																
Plus 1 au choix obligatoire																
ECO_51053_EP																
ECO_51152_EP																
ECO_51179_EP																
ECO_51180_EP																
ECO_5MA12_AE																
EA P1	*(1 au choix)*															
ECO_51053_EP																
ECO_51056_EP																
ECO_51057_EP																
ECO_51060_EP																
ECO_51152_EP																
ECO_51172_EP																
ECO_51179_EP																
ECO_51180_EP																
ECO_5MA12_AE																
ECO_5T013_AE																
CSC_51053_EP*																***
APM_51057_EP															**	
Projet P1 & P2																
ECO_50P11_EP	Projet															

*prérequis MEC_42032_EP

First period

Two Mandatory courses

ECO_51052_EP – Applied Econometrics 1 **or**
ECO_51652_EP – Advanced Econometrics 1

ECO_51054_EP – Corporate Finance

One mandatory course among

ECO_51053_EP – Financial Decisions under risk 1
ECO_51152_EP – Valuation of start-ups
ECO_51179_EP – Case studies in Corporate Finance
ECO_51180_EP – Private Equity
ECO_5MA12_AE – Digital Finance: Cryptocurrencies and Blockchains (ENSAE)

One mandatory course among

ECO_51053_EP – Financial Decisions under risk 1 (*if not chosen*)
ECO_51056_EP – Industrial Organization
ECO_51057_EP – Market Design
ECO_51060_EP – International Economics
ECO_51152_EP – Valuation of start-ups (*if not chosen*)
ECO_51172_EP – Environmental economics
ECO_51179_EP – Case studies in Corporate Finance (*if not chosen*)
ECO_51180_EP – Private Equity (*if not chosen*)
ECO_5MA12_AE – Digital Finance: Cryptocurrencies and Blockchains (ENSAE) (*if not chosen*)
ECO_5T013_AE – Public Economics & Public Finance (ENSAE)
➠ Prerequisite : ECO_41031_EP
CSC_51053_EP – Database and Management Systems
➠ Prerequisite: CSC_41011_EP (strongly recommended) or CSC_41012_EP
APM_51057_EP – Operations Research: Mathematical Aspects and Applications
ECO_50P11_EP – Research Project in Applied or Theoretical Economics

COMPOSITION DU PROGRAMME

	Lundi				Mardi				Mercredi				Vendredi			
	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2
Cours P2	(*3 obligatoires*)															
ECO_52062_EP										***						**
ou ECO_52662_EP																
ECO_52068_EP																
Plus 1 au choix obligatoire																
ECO_52063_EP																
ECO_52066_EP																
ECO_52182_EP																
ECO_52187_EP																
EA P2	(*1 au choix*)															
ECO_52063_EP																
ECO_52064_EP																
ECO_52065_EP																
ECO_52066_EP																
ECO_52067_EP																
ECO_52069_EP																
ECO_52111_EP																
ECO_52180_EP																
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ECO_52182_EP																
ECO_52183_EP																
ECO_52184_EP																
ECO_52185_EP																
ECO_52187_EP																
ECO_52188_EP																
ECO_52189_EP																
ECO_54460_EP																

Projet P1 & P2	
ECO_50P11_EP	**Projet**

Second period

Two Mandatory courses

ECO_52062_EP – Applied Econometrics 2 **or** ➠ Prerequisite : ECO_51052_EP

ECO_52662_EP – Advanced Econometrics 2 ➠ Prerequisite : ECO_51652_EP

ECO_52068_EP – Advanced Corporate Finance ➠ Prerequisite : ECO_51054_EP

One mandatory course among

ECO_52063_EP – Financial Markets

ECO_52066_EP – Law and finance

ECO_52182_EP – Financial Decisions under Risk 2 ➠ Prerequisite : ECO_51053_EP

ECO_52187_EP – Behavioral Finance

One mandatory course among

ECO_52063_EP – Financial Markets (*if not chosen*)

ECO_52064_EP – Economics of energy sectors

ECO_52065_EP – Economics of Migration

ECO_52066_EP – Law and finance (*if not chosen*)

ECO_52067_EP – Energy Economics with geography focus

ECO_52069_EP – Environmental Economics 2 ➠ Prerequisite : ECO_51172_EP

ECO_52111_EP – Lecture series in Finance and Economics

ECO_52180_EP – Competition Policy ➠ Prerequisite : ECO_51056_EP

ECO_52181-EP – Economics of Biodiversity

ECO_52182_EP – Financial Decisions under Risk 2 (*if not chosen*) ➠ Prerequisite : ECO_51053_EP

ECO_52183_EP – Business Economics

ECO_52184_EP – Machine Learning for Causal Inference in Economics

ECO_52185_EP – Economists facing nature: history and context

ECO_52187_EP – Behavioral Finance (*if not chosen*)

ECO_52188_EP – Digital Economics ➠ Prerequisite ECO_51056_EP

ECO_52189_EP – Perspectives croisées sur les problématiques environnementales à travers l'étude de territoires

ECO_54460_EP – New technologies and Sharing Economy ➠ Prerequisite : ECO_51056_EP

ECO_50P11_EP – Research Project in Applied or Theoretical Economics

Third period

Research Internship

ECO_52991_EP - Internship in Microeconomics/Corporate/Environmental Sector

ECO_52992_EP - Internship in International Economics/Public Policy

ECO_52993_EP - Internship in Banking/Finance

COMPOSITION DU PROGRAMME

Market strategy

Code couleur des cases : bleue = amphi/CM, marron = PC, grise = EA.
** = deux groupes font cours

	Lundi				Mardi				Mercredi				Vendredi			
	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2
Cours P1	(*Obligatoires*)															
ECO_51052_EP										***						
ou																
ECO_51652_EP																
ECO_51056_EP																
Plus 1 au choix obligatoire																
ECO_51057_EP																
ECO_51172_EP																
EA P1	(*1 au choix*)															
ECO_51053_EP																
ECO_51054_EP																
ECO_51057_EP																
ECO_51060_EP																
ECO_51152_EP																
ECO_51172_EP																
ECO_51179_EP																
ECO_51180_EP																
ECO_5MA12_AE																
ECO_5T013_AE																
ECO_5T019_AE																
CSC_51053_EP*																
APM_51057_EP																

Projet P1 & P2	
ECO_50P11_EP	**Projet**

* ECO_51056_EP : prérequis pour ECO_52083_EP.

First period

Two Mandatory courses

ECO_51052_EP — Applied Econometrics 1 **or**

ECO_51652_EP — Advanced Econometrics 1

ECO_51056_EP — Industrial Organization

One mandatory course among

ECO_51057_EP — Market Design

ECO_51172_EP — Environmental Economics

One mandatory course among

ECO_51053_EP — Financial Decisions under risk 1

ECO_51054_EP — Corporate Finance

ECO_51057_EP — Market Design (*if not chosen*)

ECO_51060_EP — International Economics

ECO_51152_EP — Valuation of start-ups

ECO_51172_EP —Environmental Economics (*if not chosen*)

ECO_51179_EP — Case studies in Corporate Finance

ECO_51180_EP — Private Equity

ECO_5MA12_AE — Digital Finance: Cryptocurrencies and Blockchains (ENSAE)

ECO_5T013_AE — Public Economics & Public Finance (ENSAE) ➠ Prerequisite : ECO_41031_EP

ECO_5T019_AE — Dynamic pricing and revenue management (ENSAE)

CSC_51053_EP — Database and Management Systems ➠ Prerequisite : CSC_41011_ EP (strongly recommended) or CSC_41012_EP

APM_51057_EP — Operations Research: Mathematical Aspects and Applications

ECO_50P11_EP — Research Project in Applied or Theoretical Economics

COMPOSITION DU PROGRAMME

	Lundi				Mardi				Mercredi				Vendredi			
	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2
Cours P2	*(2 obligatoires)*															
ECO_52062_EP ou ECO_52662_EP										***						**
ECO_52183_EP																
Plus 1 au choix obligatoire																
ECO_52180_EP																
ECO_52184_EP																
ECO_52188_EP																
EA P2	*(1 obligatoire au choix)*															
ECO_52063_EP																
ECO_52064_EP																
ECO_52065_EP																
ECO_52066_EP																
ECO_52067_EP																
ECO_52068_EP																
ECO_52069_EP																
ECO_52180_EP																
ECO_52181_EP																
ECO_52182_EP																
ECO_52184_EP																
ECO_52185_EP																
ECO_52188_EP																
ECO_52189_EP																
ECO_52111_EP																
ECO_54460_EP																
Projet P1 & P2																
ECO_50P11_EP	Projet															

Second period

Two Mandatory courses

ECO_52062_EP – Applied Econometrics 2 **or** ➠ Prerequisite : ECO_51052_EP

ECO_52662_EP – Advanced Econometrics 2 ➠ Prerequisite : ECO_51652_EP

ECO_52183_EP – Business Economics ➠ Prerequisite : ECO_51056_EP

One mandatory course among

ECO_52180_EP – Competition Policy ➠ Prerequisite : ECO_51056_EP

ECO_52184_EP – Machine Learning for Causal Inference in Economics

ECO_52188_EP – Digital Economics ➠ Prerequisite : ECO_51056_EP

One mandatory course among

ECO_52063_EP – Financial Markets

ECO_52064_EP – Economics of energy sectors

ECO_52065_EP – Economics of Migration

ECO_52066_EP – Law and finance

ECO_52067_EP – Energy Economics with geography focus

ECO_52068_EP – Advanced Corporate Finance ➠ Prerequisite : ECO_51054_EP

ECO_52069_EP – Environmental Economics 2 ➠ Prerequisite : ECO_51172_EP)

ECO_52111_EP – Lecture Series in Economics and Finance

ECO_52180_EP – Competition Policy (*if not chosen*) ➠ Prerequisite : ECO_51056_EP

ECO_52181_EP – Economics of Biodiversity

ECO_52182_EP – Financial Decisions under Risk 2 ➠ Prerequisite : ECO_51053_EP

ECO_52184_EP – Machine Learning for Causal Inference in Economics (*if not chosen*)

ECO_52185_EP – Economists facing nature: history and context

ECO_52188_EP – Digital Economics ➠ Prerequisite ECO_51056_EP

ECO_52189_EP – Perspectives croisées sur les problématiques environnementales à travers l'étude de territoires

ECO_54460_EP – New technologies and Sharing Economy

ECO_50P11_EP – Research Project in Applied or Theoretical Economics

Third period

Research Internship

ECO_52991_EP - Internship in Microeconomics/Corporate/Environmental Sector

ECO_52992_EP - Internship in International Economics/Public Policy

ECO_52993_EP - Internship in Banking/Finance

COMPOSITION DU PROGRAMME

Public Policy

Code couleur des cases : bleue = amphi/CM, marron = PC, grise = EA.
** = deux groupes font cours

	Lundi				Mardi				Mercredi				Vendredi			
	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2
Cours P1	(*1 obligatoire*)															
ECO_51052_EP										***						
ou																
ECO_51652_EP																
Plus 2 au choix obligatoire																
ECO_51056_EP																
ECO_51057_EP																
ECO_51172_EP																
ECO_51650_EP																
ECO_5T013_AE																
EA P1	(*1 obligatoire au choix*)															
ECO_51053_EP																
ECO_51054_EP																
ECO_51056_EP																
ECO_51057_EP																
ECO_51060_EP																
ECO_51172_EP																
ECO_51179_EP																
ECO_51180_EP																
ECO_51650_EP																
ECO_5MA12_AE																
ECO_5T013_AE																
CSC_51053_EP*																***
APM_51057_EP															**	
Projet P1 & P2																
ECO_50P11_EP	Projet															

First period

One Mandatory course

ECO_51052_EP – Applied Econometrics 1 **or**

ECO_51652_EP – Advanced Econometrics 1

Two mandatory course among

ECO_51056_EP – Industrial Organization

ECO_51057_EP – Market Design

ECO_51172_EP – Environmental Economics

ECO_51650_EP – Microeconomics 1 (*compulsory if ECO_41031_EP not passed*)

ECO_5T013_AE – Public Economics and Public Finance (ENSAE)

➠ Prerequisite : ECO_41031_EP

One mandatory course among

ECO_51053_EP – Financial Decisions under risk 1

ECO_51054_EP – Corporate Finance

ECO_51056_EP – Industrial Organization (*if not chosen*)

ECO_51057_EP – Market Design (*if not chosen*)

ECO_51060_EP – International Economics

ECO_51172_EP – Environmental Economics (*if not chosen*)

ECO_51179_EP – Case studies in Corporate Finance

ECO_51180_EP – Private Equity

ECO_51650_EP – Microeconomics 1 (*if not chosen*)

ECO_5MA12_AE –Digital Finance: Cryptocurrencies and Blockchains

ECO_5T013_AE – Public Economics and Public Finance (ENSAE) (*if not chosen*)

CSC_51053_EP – Database and Management Systems

➠ Prerequisite : CSC_41011_EP (strongly recommended) or CSC_41012_EP

APM_51057_EP – Operations Research: Mathematical Aspects and Applications

ECO_50P11_EP – Research Project in Applied or Theoretical Economics

COMPOSITION DU PROGRAMME

	Lundi				Mardi				Mercredi				Vendredi			
	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2
Cours P2	(*1 obligatoire*)															
ECO_52062_EP										***						**
ou ECO_52662_EP																
Plus 1 au choix obligatoire																
ECO_52180_EP																
ECO_52661_EP																
EA P2	(*2 obligatoires au choix*)															
ECO_52661_EP																
ECO_52063_EP																
ECO_52064_EP																
ECO_52065_EP																
ECO_52066_EP																
ECO_52067_EP																
ECO_52068_EP																
ECO_52069_EP																
ECO_52111_EP																
ECO_52180_EP																
ECO_52181_EP																
ECO_52182_EP																
ECO_52184_EP																
ECO_52185_EP																
ECO_52187_EP																
ECO_52188_EP																
ECO_52189_EP																
ECO_54460_EP																
Projet P1 & P2																
ECO_50P11_EP	Projet															

Second period

One Mandatory course

ECO_52062_EP — Applied Econometrics 2 **or** ➠ Prerequisite : ECO_51052_EP

ECO_52662_EP — Advanced Econometrics 2 ➠ Prerequisite : ECO_51652_EP

One mandatory course among

ECO_52180_EP — Competition Policy ➠ Prerequisite : ECO_51056_EP

ECO_52661_EP — Macroeconomics 2

Two mandatory courses among

ECO_52063_EP — Financial Markets

ECO_52064_EP — Economics of energy sectors

ECO_52065_EP — Economics of Migration

ECO_52066_EP — Law and Finance

ECO_52067_EP — Energy Economics with geography focus

ECO_52068_EP — Advanced Corporate Finance ➠ Prerequisite : ECO_51054_EP

ECO_52069_EP — Environmental Economics 2 ➠ Prerequisite : ECO_51172_EP)

ECO_52111_EP — Lecture Series in Economics and Finance

ECO_52180_EP — Competition Policy ➠ Prerequisite : ECO_51056_EP

ECO_52181_EP — Economics of Biodiversity

ECO_52182_EP — Financial Decisions under Risk 2 ➠ Prerequisite : ECO_51053_EP

ECO_52184_EP — Machine Learning for Causal Inference in Economics

ECO_52185_EP — Economists facing nature: history and context

ECO_52187_EP — Behavioral Finance

ECO_52188_EP — Digital Economics ➠ Prerequisite : ECO_51056_EP

ECO_52189_EP — Perspectives croisées sur les problématiques environnementales à travers l'étude de territoires

ECO_54460_EP — New technologies and Sharing Economy ➠ Prerequisite : ECO_51056_EP

ECO_52661_EP — Macroeconomics 2 (*if not chosen*)

ECO_50P11_EP — Research Project in Applied or Theoretical Economics

Third period

Research Internship

ECO_52991_EP — Internship in Microeconomics/Corporate/Environmental Sector

ECO_52992_EP — Internship in International Economics/Public Policy

ECO_52993_EP — Internship in Banking/Finance

COMPOSITION DU PROGRAMME

Environmental Economics

Code couleur des cases : bleue = amphi/CM, marron = PC, grise = EA.
** = deux groupes font cours

	Lundi				Mardi				Mercredi				Vendredi			
	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2
Cours P1	(2 *obligatoires*)															
ECO_51052_EP ou ECO_51652_EP										***						
ECO_51172_EP																
Plus 2 obligatoires au choix																
ECO_51053_EP																
ECO_51056_EP																
ECO_51057_EP																
ECO_51060_EP																
ECO_51650_EP																
Projet P1 & P2																
ECO_50P11_EP	Projet															

First period

Two Mandatory courses

ECO_51052_EP — Applied Econometrics 1 **or**

ECO_51652_EP — Advanced Econometrics 1

ECO_51172_EP — Environmental Economics

Two mandatory courses among

ECO_51053_EP — Financial Decisions under Risk 1

ECO_51056_EP — Industrial Organization

ECO_51057_EP — Market Design

ECO_51060_EP — International Economics

ECO_51650_EP — Microeconomics 1 (*compulsory if ECO_41031_EP not passed*)

ECO_50P11_EP — Research Project in Applied or Theoretical Economics

COMPOSITION DU PROGRAMME

	Lundi				Mardi				Mercredi				Vendredi			
	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2
Cours P2	*(1 obligatoire)*															
ECO_52062_EP										***						**
ou ECO_52662_EP																
Plus 1 au choix obligatoire																
ECO_52064_EP																
ECO_52067_EP																
ECO_52069_EP																
EA P2	*(2 obligatoires au choix)*															
ECO_52063_EP																
ECO_52064_EP																
ECO_52065_EP																
ECO_52067_EP																
ECO_52069_EP																
ECO_52111_EP																
ECO_52181_EP																
ECO_52184_EP																
ECO_52185_EP																
ECO_52188_EP																
ECO_52189_EP																
ECO_54460_EP																
Projet P1 & P2																
ECO_50P11_EP	**Projet**															

Second period

One mandatory course

ECO_52062_EP – Applied Econometrics 2 **or** ➠ Prerequisite : ECO_51052_EP

ECO_52662_EP – Advanced Econometrics 2 ➠ Prerequisite : ECO_51652_EP

One mandatory course among

ECO_52064_EP –Economics of energy sectors

ECO_52067_EP – Energy Economics with geography focus

ECO_52069_EP – Environmental Economics 2 ➠ Prerequisite : ECO_51172_EP

Two mandatory courses among

ECO_52063_EP – Financial Markets

ECO_52064_EP – Economics of energy sectors (*if not chosen*)

ECO_52065_EP – Economics of Migration

ECO_52067_EP – Energy Economics with geography focus (*if not chosen*)

ECO_52069_EP – Environmental Economics 2 (*if not chosen*)

ECO_52111_EP – Lecture Series in Economics and Finance

ECO_52181_EP – Economics of Biodiversity

ECO_52184_EP – Machine Learning for Causal Inference in Economics
➠ Prerequisite: ECO_51172_EP

ECO_52185_EP – Economists facing nature: history and context

ECO_52188_EP – Digital Economics ➠ Prerequisite: ECO_51056_EP

ECO_52189_EP – Perspectives croisées sur les problématiques environnementales à travers l'étude de territoires

ECO_54460_EP – New technologies and Sharing Economy

ECO_50P11_EP – Research Project in Applied or Theoretical Economics

Third period

Research Internship

ECO_52991_EP – Internship in Microeconomics/Corporate/Environmental Sector

ECO_52992_EP – Internship in International Economics/Public Policy

ECO_52993_EP – Internship in Banking/Finance

COMPOSITION DU PROGRAMME

Master in Economics

Code couleur des cases : bleue = amphi/CM, marron = PC, grise = EA.
** = deux groupes font cours

	Lundi				Mardi				Mercredi				Vendredi			
	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2
Cours P1	(*Obligatoires*)															
ECO_51650_EP																
ECO_51651_EP																
ECO_51652_EP																

Projet P1 & P2	
ECO_50P11_EP	**Projet**

Cours additionnel supplémentaire																
ECO_51658_EP																

First period

All courses are mandatory

ECO_51650_EP — Microeconomics 1

ECO_51651_EP — Macroeconomics 1

ECO_51652_EP — Advanced Econometrics 1

ECO_50P11_EP — Research Project in Applied or Theoretical Economics

Additional course

ECO_51658_EP — Time Series Econometrics

COMPOSITION DU PROGRAMME

	Lundi				Mardi				Mercredi				Vendredi			
	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2	AM 1	AM 2	PM 1	PM 2
Cours P2	(*3 obligatoires*)															
ECO_52660_EP																
ECO_52661_EP																
ECO_52662_EP																

Projet P1 & P2	
ECO_50P11_EP	**Projet**

Second period

All courses are mandatory

ECO_52660_EP — Microeconomics 2

ECO_52661_EP — Macroeconomics 2

ECO_52662_EP — Advanced Econometrics 2

ECO_50P11_EP — Research Project in Applied or Theoretical Economics

Third period

Research Internship

ECO_52991_EP — Internship in Microeconomics/Corporate/Environmental Sector

ECO_52992_EP — Internship in International Economics/Public Policy

ECO_52993_EP — Internship in Banking/Finance