Université Paris-Saclay

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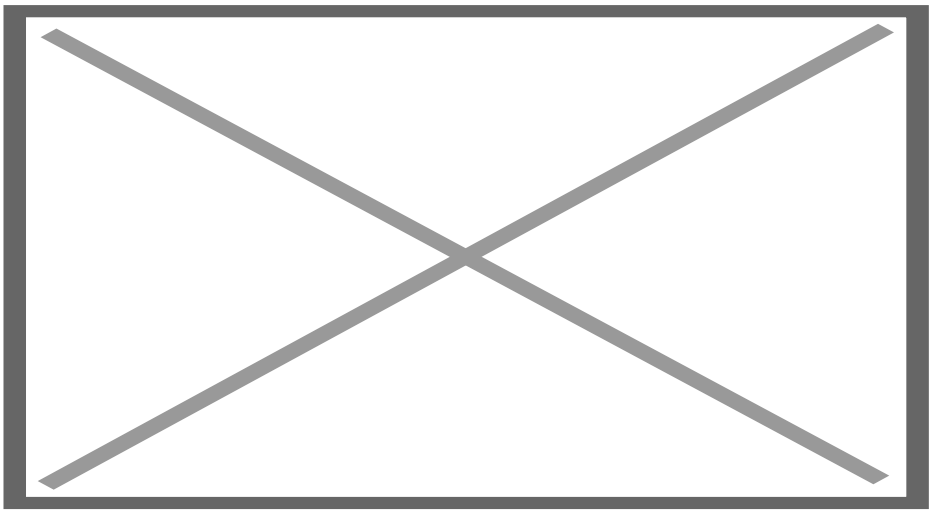
LDD1 Economie, Mathématiques

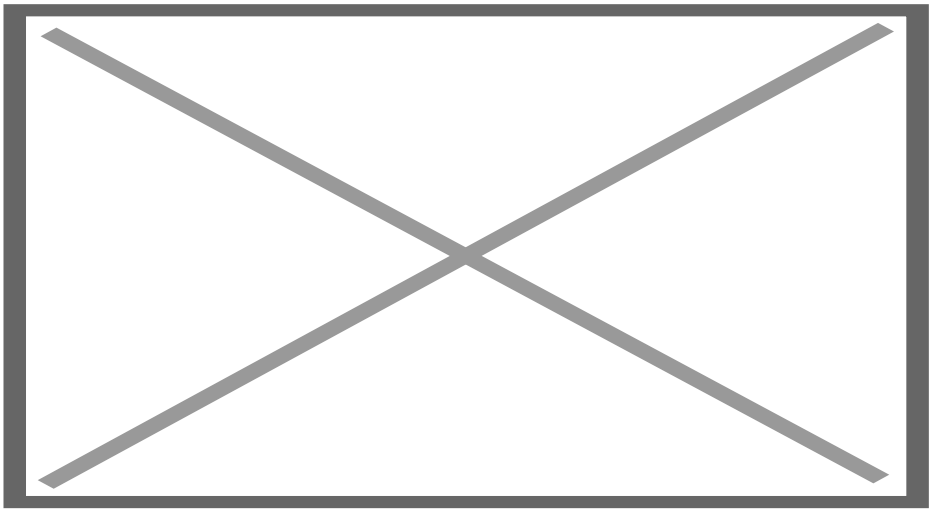
Licence Double-Diplôme (Undergraduate double degree)
Specialisation Economie, Mathématiques
Enrolment type
Formation initiale
Language(s) of instruction
English
French

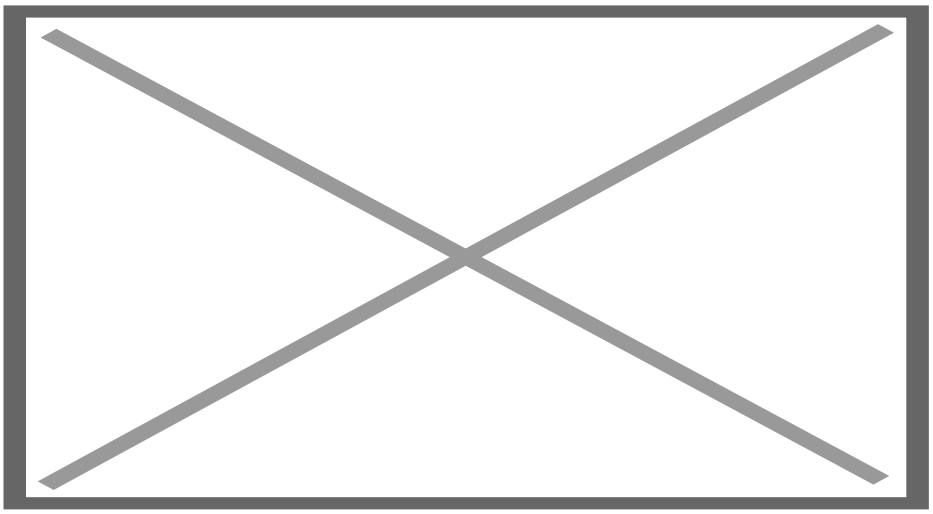
The first year of the Licence Double Diplôme Économie, Mathématiques (LDD1 EM) lays the groundwork for a demanding dual expertise. It provides a balanced curriculum between mathematics and economics, within a framework designed to ease the transition from high school to university. This year also introduces students to academic methodology and scientific rigor.

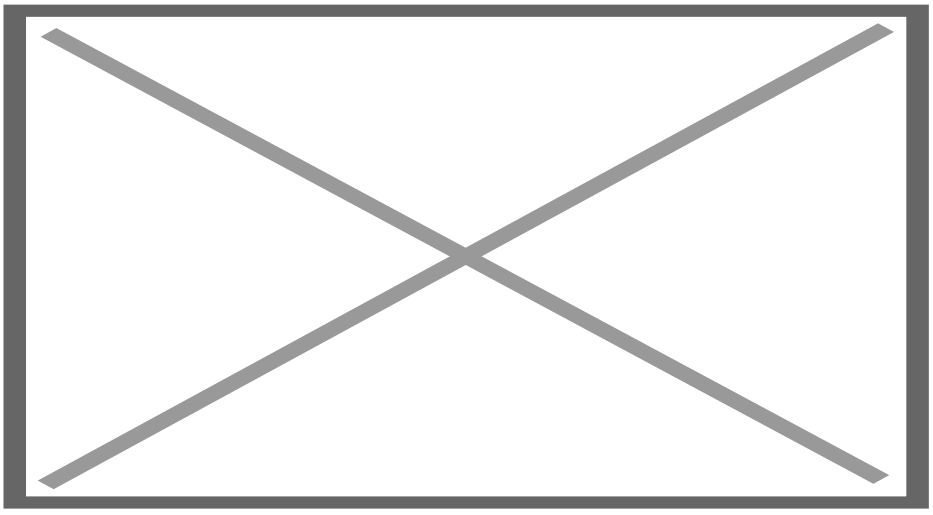
LDD1 EM is the first step of the three-year program. It ensures the acquisition of essential prerequisites and working methods in both disciplines. The curriculum is structured around core courses in mathematics and economics, supplemented by reinforcement classes, broadening courses, and methodology.

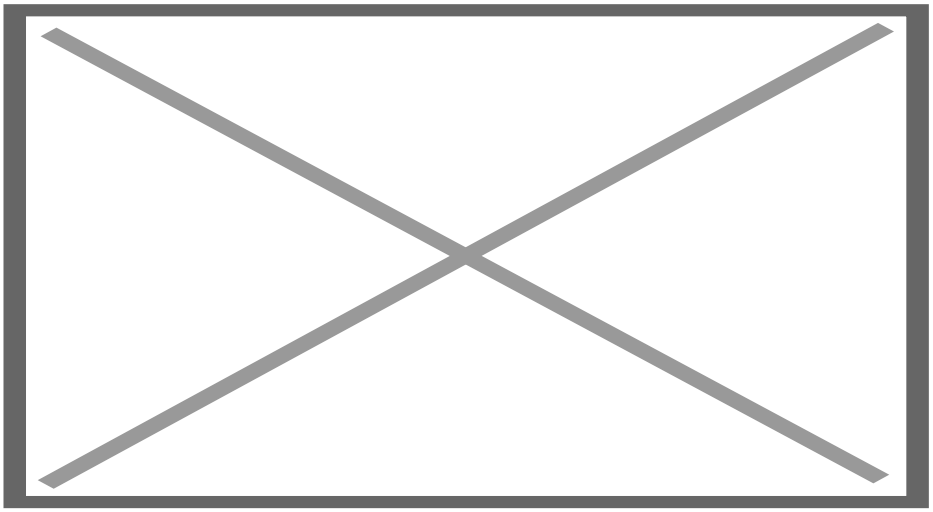
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Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

Upon completion of LDD1 EM, the student will be able to:

- In mathematics, master the basic concepts of algebra and analysis, and solve standardized mathematical problems;
- In economics, understand and explain fundamental mechanisms;
- In an interdisciplinary manner, understand the initial links between mathematical models and economic concepts;
- In transversal skills, structure written reasoning, use computer tools, and express themselves in English in an academic context.

Objectives

The objective of LDD1 EM is to consolidate and unify the foundations in mathematics and economics for all students. It aims to ensure mastery of the fundamental mathematical tools essential to both disciplines, provide the keys to understanding basic economic mechanisms, introduce simple modeling and rigorous reasoning, and support adaptation to the university environment and the demands of dual-disciplinary work.

Admission

Capacity

Available Places

Target Audience and Entry Requirements

LDD1 EM is intended for students with a French general baccalaureate who have an excellent level and a strong interest in mathematics (Mathematics specialty highly valued, "Mathématiques expertes" option valued). An interest in economic issues is essential. The ideal profile combines the Mathematics specialty and the "Mathématiques expertes" option, with a specialty such as Sciences Économiques et Sociales (SES) or Numérique et Sciences Informatiques (NSI). Motivation to maintain a sustained pace of work and to engage in a dual-disciplinary program is a main selection criterion. International students with an equivalent academic profile are also encouraged to apply via Parcoursup.

Période(s) de candidature

ParcourSup Platform

From January 19th to March 12th, 2026

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Problèmes économiques contemporains Charger le détail	5	Semestre 1	33	15				
Macroéconomie 1 : politique économique Charger le détail	5	Semestre 2	33	15				
Histoire économique Charger le détail	4	Semestre 2	33					
Microéconomie 1 : comportements et marchés Charger le détail	5	Semestre 2	33	15				
Introduction à la gestion Charger le détail	4	Semestre 1	33					
Economie: concepts et mesures	4	Semestre 1	33					

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dista lear cou
Algèbre et géométrie DD	6	Semestre 1	24	24					

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Calcul intégral DD	6	Semestre 2	24	24				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Calcul scientifique avec Python	4	Semestre 2	12		24			

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Calculus DD	6	Semestre 1	24	24				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Algèbre linéaire DD	6	Semestre 2	24	24				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Anglais - FSO - L1 S2 - 2 ECTS - 1 UE parmi 6								
Anglais - FSO - L1 S2 - 2 ECTS	2	Semestre 2		18				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Theater workshop - FSO - S2 - 2 ECTS	2	Semestre 2		24				

Charger le détail

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Reading and creative writing workshop - FSO - S2 - 2 ECTS	2	Semestre 2		24				
Charger le détail								
Intercultural communication EUGLOH project - FSO - S2 - 2 ECTS	2	Semestre 2		24				
Charger le détail								
Writing workshop - FSO - S2 - 2 ECTS	2	Semestre 2		24				
Charger le détail								
Debate club - FSO - S2 - 2 ECTS	2	Semestre 2		30				
Charger le détail								
UE transverses (hors anglais)								
PPEI 1	1	Semestre 2	3					
Charger le détail								
Stage facultatif	0	Semestre 2						
Charger le détail								
Anglais - FSO - L1 S1 - 2 ECTS								
Anglais 1.1	2	Semestre 1		24				
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
1 UE au choix S1								
UE libre Catalogue S1	2.5	Semestre 1						

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	
Charger le détail									
1 UE au choix S2									
UE libre catalogue S1 et S2	2.5	Semestre 2							
Charger le détail									
UEs obligatoires									
Economic debating	3	Semestre 2		7.5					
Charger le détail									
Mathématiques pour l’économie	4	Semestre 2	12	12					
Charger le détail									
Introduction à la programmation	6	Semestre 1	15	14	22				
Charger le détail									

Teaching Location(s)

ORSAY

Contact

- **Arnaud DURAND**

http://www.universite-paris-saclay.fr/formation/licence-double-diplome/economie-mathematiques/ldd1-economie-mathematiques