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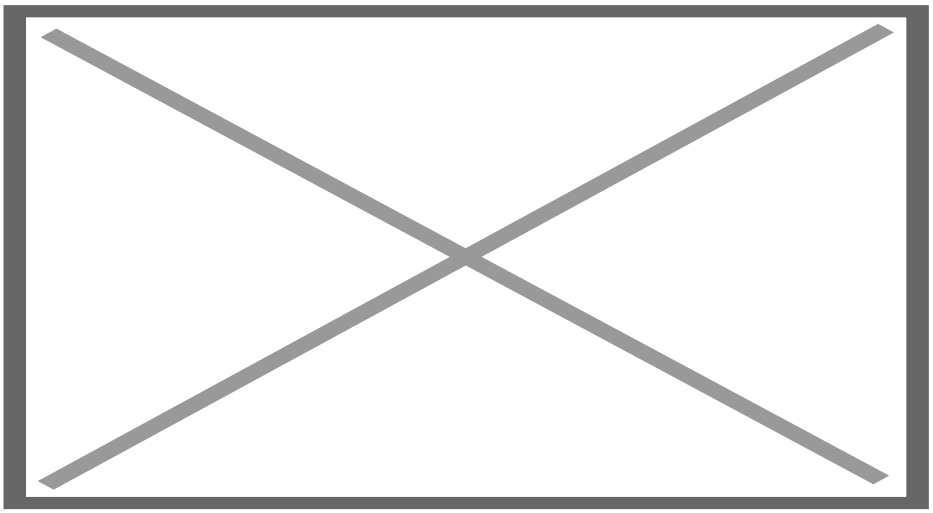
LDD2 Economie, Mathématiques

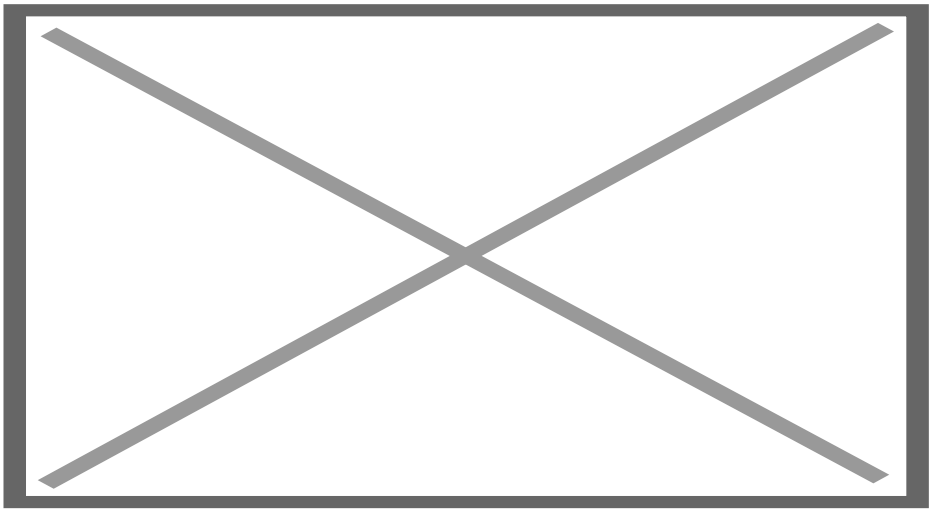
Licence Double-Diplôme (Undergraduate double degree)
Specialisation Economie, Mathématiques
Enrolment type
Formation initiale
Language(s) of instruction
English
French

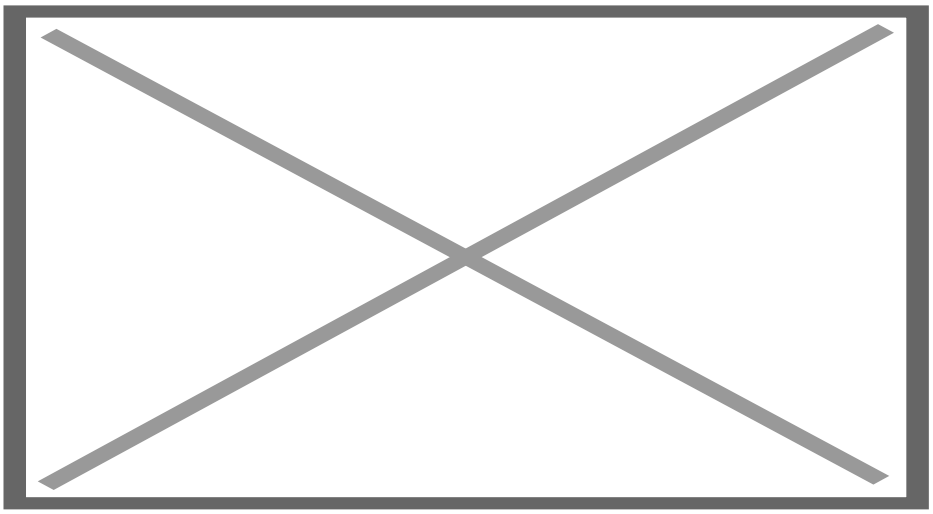
The second year of the Licence Double Diplôme Économie, Mathématiques (LDD2 EM) deepens the fundamental concepts and weaves explicit links between the two disciplines. The level of demand and abstraction increases, aiming to equip students with more powerful tools in mathematics and economics, while fostering their autonomy.

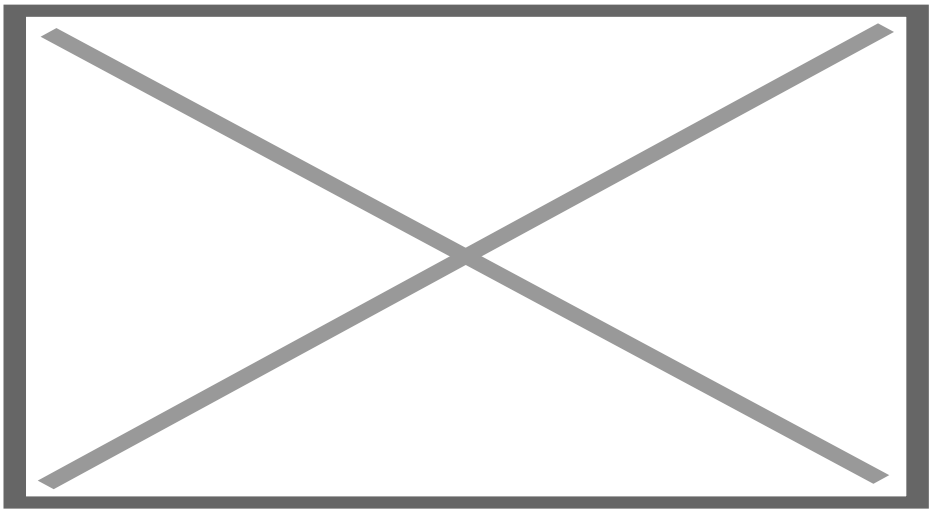
LDD2 EM builds on the foundations acquired in the first year to raise the level of understanding and formalization. Courses in mathematics and economics become more conceptual. Specific modules begin to bridge the two disciplines. The program continues to include transversal courses and gradually prepares students for their orientation in LDD3.

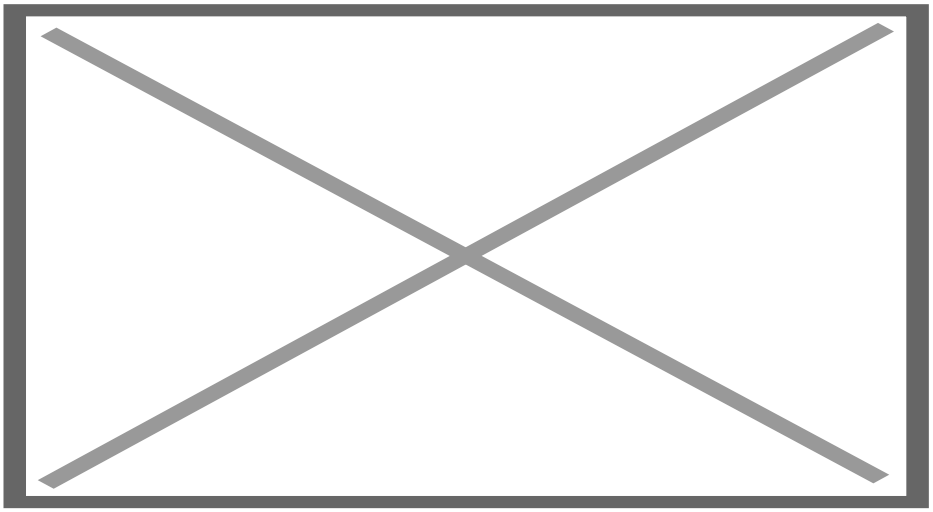
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Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

Upon completion of LDD2, the student will be able to:

- In mathematics, manipulate more advanced concepts and understand new ones (probabilities...);
- In economics, implement more advanced quantitative and qualitative methods and tools for empirical observation and analysis;
- In an interdisciplinary manner, develop skills in mathematical modeling, particularly for economics;
- In transversal skills, conduct in-depth work, individually or in groups, and present a synthetic analysis orally and in writing in French or English.

Objectives

The objectives of LDD2 EM are: to deepen theoretical knowledge in both disciplines and develop abstraction skills, to introduce central quantitative tools, to initiate the mathematical formalization of more complex economic problems, to develop autonomy in work and the ability to synthesize concepts from different fields, to continue developing transversal skills, and to prepare for orientation in LDD3.

Admission

Capacity

Available Places

30

Target Audience and Entry Requirements

Access to LDD2 EM is primarily reserved for students who have successfully completed LDD1. Admission is possible for a very limited number of external students with an excellent level in mathematics and a demonstrated interest in economics. A strong capacity for adaptation and hard work is required to keep up with the demanding pace of the program.

Période(s) de candidature

E-candidat Platform

From 18/05/2026 to 24/05/2026

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Economie publique	4	Semestre 2	33					
Charger le détail								
Monnaie et finance	4	Semestre 1	33					
Charger le détail								
Data science : introduction	4	Semestre 2	33					
Charger le détail								
Economie du travail	4	Semestre 1	33					
Charger le détail								
Macroéconomie 2	5	Semestre 2	33	15				
Charger le détail								
Microéconomie 2	5	Semestre 1	33	15				
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dis lea co
Structures algébriques	5	Semestre 1	24	24					

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dis lea co
Charger le détail									
Analyse numérique avec python	4	Semestre 2	12		24				
Charger le détail									
Probabilités et Statistiques	5	Semestre 1	24	24					
Charger le détail									
Analyse et géométrie	5	Semestre 2	24	24					
Charger le détail									
Analyse et convergence	5	Semestre 1	24	24					
Charger le détail									
Algèbre linéaire 2	5	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 - L2 S4 - 2 ECTS - 1 UE parmi 6								
Anglais - FSO - L2 S4 - 2 ECTS	2	Semestre 2		24				
Charger le détail								
Theater workshop - FSO - S2 - 2 ECTS	2	Semestre 2		24				
Charger le détail								
Reading and creative writing 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
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								
Anglais - FSO - L2 S3 - 2 ECTS - 1 UE parmi 6								
Anglais - FSO - L2 S3 - 2 ECTS	2	Semestre 1	24					
Charger le détail								
Theater workshop - FSO - S1 - 2 ECTS	2	Semestre 1	24					
Charger le détail								
Reading and creative writing workshop - FSO - S1 - 2 ECTS	2	Semestre 1	24					
Charger le détail								
Intercultural Communication EUGLOH project - FSO - S1 - 2 ECTS	2	Semestre 1	24					
Charger le détail								
Debate Club - FSO - S1 - 2 ECTS	2	Semestre 1	30					
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Writing worshop - FSO - S1 - 2 ECTS	2	Semestre 1		24				
Charger le détail								
UE transverses (hors anglais)								
PPEI 2	1	Semestre 2		6				
Charger le détail								
Stage facultatif	0	Semestre 2						
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dis lea c
UEs obligatoires									
Oraux de math S3	2	Semestre 1		5					
Charger le détail									
Oraux de math S4	2	Semestre 2	0	5					
Charger le détail									
Applied economics seminar	2	Semestre 2		15					
Charger le détail									
Commerce international	4	Semestre 1	33						
Charger le détail									
Projet d’initiation à la recherche	2	Semestre 2							
Charger le détail									
Modélisation	4	Semestre 2	12	12					
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dis lea c
Brevet AI - S2 - Formule avancée (SPOC)	2	Semestre 2	20						
Charger le détail									
SPOC : Enjeux de la transition écologique	3	Semestre 1		2					
Charger le détail									
1 UE au choix									
UE libre Catalogue S1	2.5	Semestre 1							
Charger le détail									

Teaching Location(s)

ORSAY

Contact

- **Arnaud DURAND**
- **Manon Garrouste**

http://www.universite-paris-saclay.fr/formation/licence-double-diplome/economie-mathematiques/ldd2-economie-mathematiques