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LDD2 Mathématiques, Physique et Applications

Licence Double-Diplôme (Undergraduate double degree)

Specialisation Mathématiques, Physique et Sciences pour l'Ingénieur

Enrolment type

Formation initiale

Language(s) of instruction

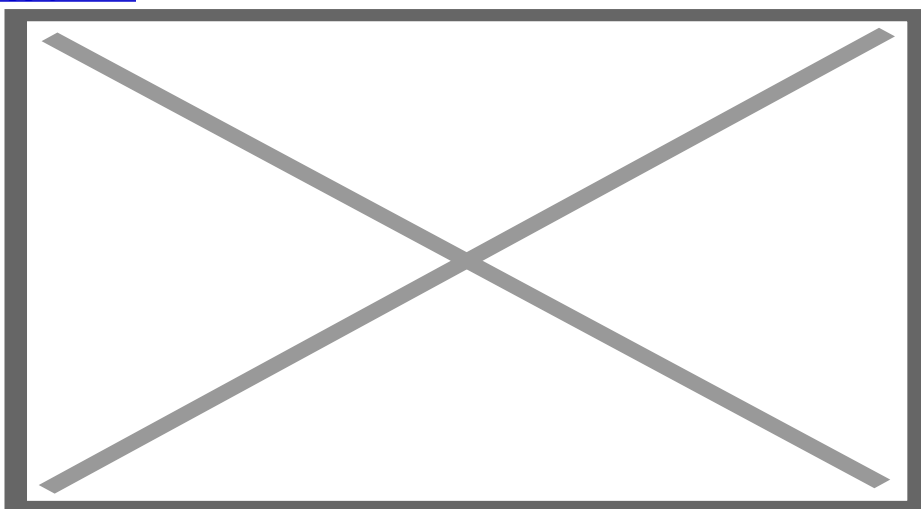
French

<https://www.physique.uvsq.fr/licence-double-diplome-mathematiques-physique-sciences-pour-ingenieur>

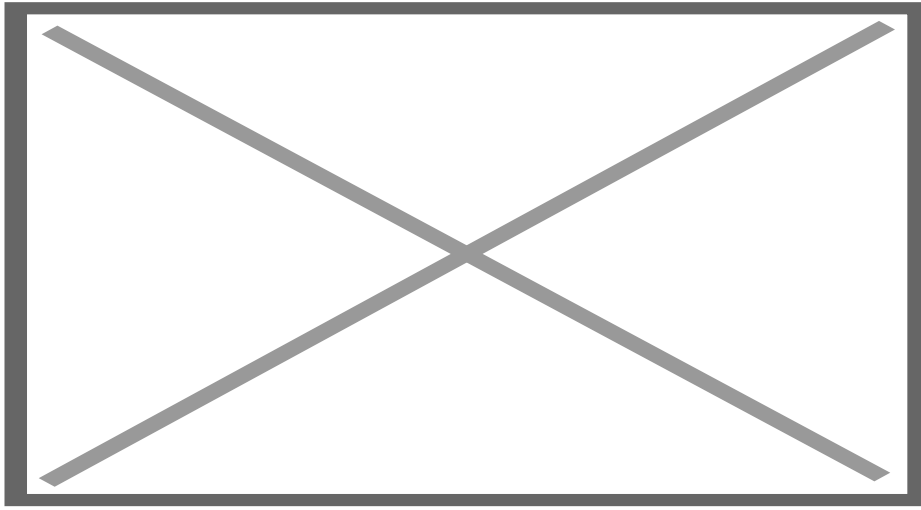
The DD MPSI offers progression from high school to Master's degree, allowing for progressive specialization. It provides solid training in both mathematics and physics. Balanced (1/3 mathematics, 1/3 physics, 1/3 cross-disciplinary projects and languages), it opens the doors for students to all master's degrees in mathematics, physics or engineering sciences and allows access to engineering schools (university competitive examinations). Supported by the research teams of partner institutions, it provides initial training through research and an introduction to academic or applied research.

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Information

- [Overview](#)
- [Application requirements](#)
- [Schedule](#)

Présentation

Skills

High academic level in Mathematics and Physics

Objectives

One of the objectives is to promote reflection and access to autonomy. You will benefit from research support in an exceptional scientific environment. International outlook. Master fundamental models, concepts, and notions of Mathematics and Physics. Analyze complex problems and be able to formulate solutions. Manage development tools and environments and know how to deploy software applications. Be able to work in a team. Be able to communicate orally and in writing in English and French.

Admission

Capacity

Available Places

36

Target Audience and Entry Requirements

The target audience for L2 is students who have completed a first year of university in Mathematics and Physics, or a first year of preparatory class or integrated preparatory engineering school. They will have obtained very good results during this first year and will have justified their wish to reorient themselves.

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dist
1 UE au choix									
Culture Générale (Parité)	3	Semestre 1		27					
Charger le détail									
UEs obligatoires									
Physique des ondes	3	Semestre 1	9	12	6				
Charger le détail									
Projet numérique	5	Semestre 2			45				
Charger le détail									
Projet vidéo	2	Semestre 1			18				
Charger le détail									
Initiation aux bases de données	6	Semestre 1	18	36					
Charger le détail									
Climat (enjeux scientifiques et sociétaux)	3	Semestre 1	9	6	12				
Charger le détail									
Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dist
Analyse et algèbre linéaire 2	9	Semestre 1	27	54					
Charger le détail									
Aspects différentiels	6	Semestre 2	18	36					

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	dist
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[Charger le détail](#)

Suites et séries de fonctions	6	Semestre 2	18	36					
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[Charger le détail](#)

Algèbre générale	6	Semestre 2	18	36					
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[Charger le détail](#)

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
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Electrostatique et magnétostatique	6	Semestre 1	18	27	9			
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Electromagnétisme	6	Semestre 2	21	24	9			
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Mécanique Newtonnienne 2	3	Semestre 1	12	15				
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[Charger le détail](#)

Dynamique des solides	6	Semestre 2	18	36				
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[Charger le détail](#)

Electronique	3	Semestre 1	9	9	9			
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[Charger le détail](#)

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
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Anglais	3	Semestre 1		27				
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Mathématiques assistées par ordinateur	3	Semestre 1			27			
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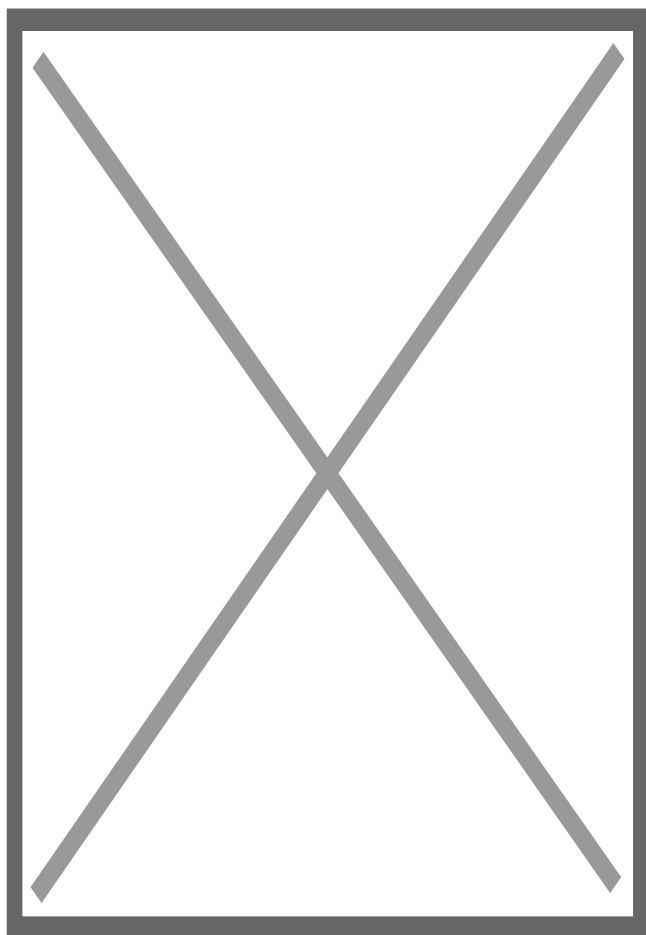
[Charger le détail](#)

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	
Python pour La physique	3	Semestre 2	9	9	9				
■									

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Training campus

Javascript est requis pour visualiser cette carte.



Versailles

Versailles

Bus 8 - 10 - 13 - 105 - 108 - 471

Versailles Rive Droite - Ligne L

RER C Versailles Château Rive gauche

[Voir](#)

Student restaurant (CROUS)

Library

Student residence

Contact

- **Stéphanie BUIL**
- **Alexis DEVULDER**

<http://www.universite-paris-saclay.fr/formation/licence-double-diplome/mathematiques-physique-et-sciences-pour-ingenieur/ldd2-mathematiques-physique-et-applications>