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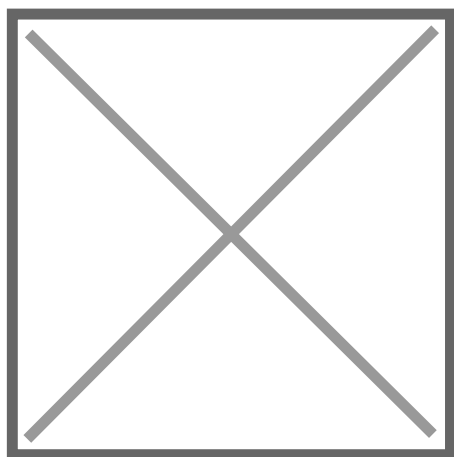
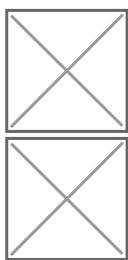
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Envoyer

Une erreur est survenue. Merci de réessayer ultérieurement

Le mail de partage a bien été envoyé.

Mathematics and applications



Master's degree

Language(s) of instruction

English French

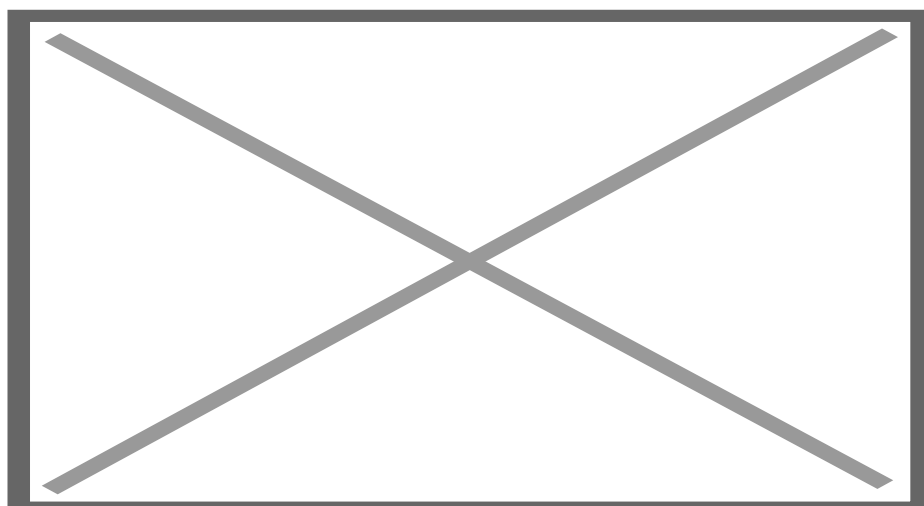
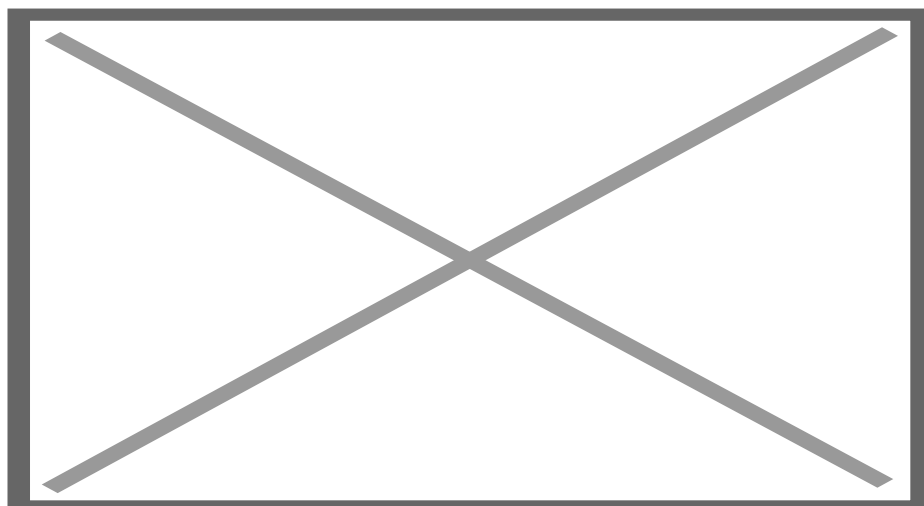
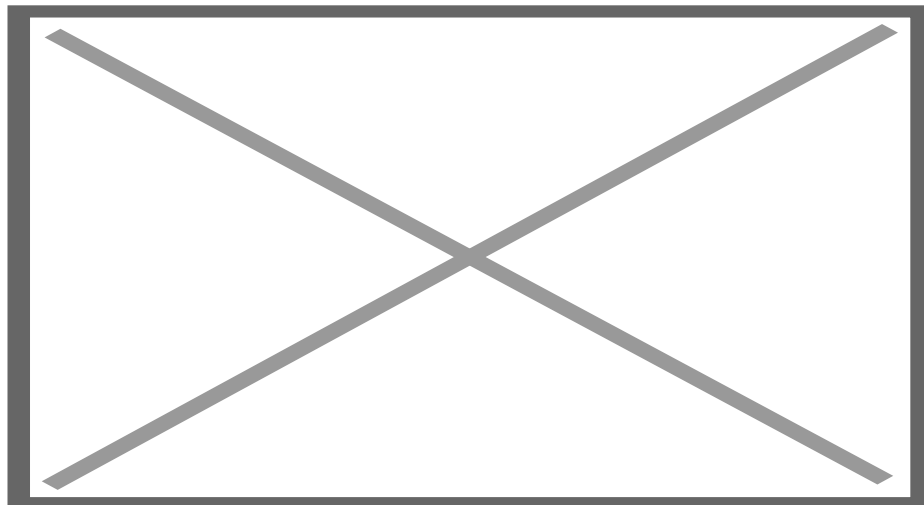
The master program *Mathematics and Application* gathers all the graduate studies offered in mathematics at Paris Saclay university. A very wide of spectrum of mathematics is covered, from pure to applied mathematics. The main tracks within this degree enjoy strong international recognition.

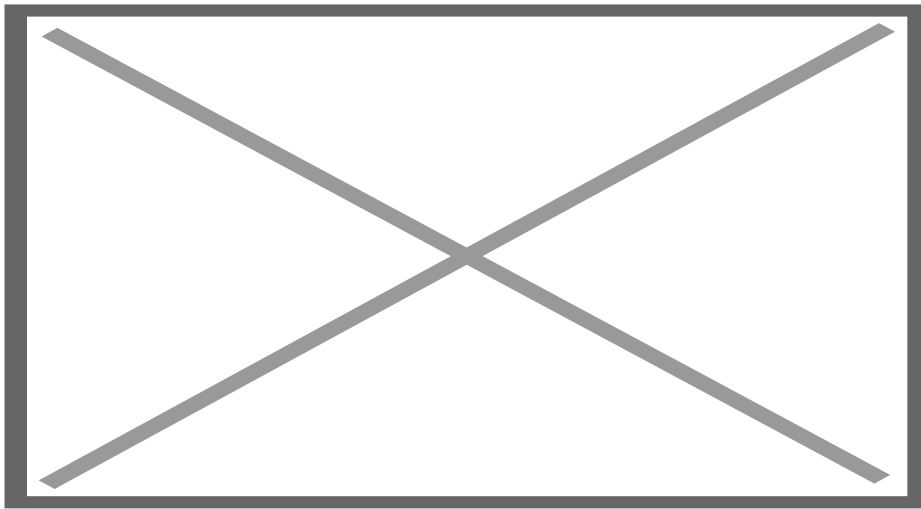
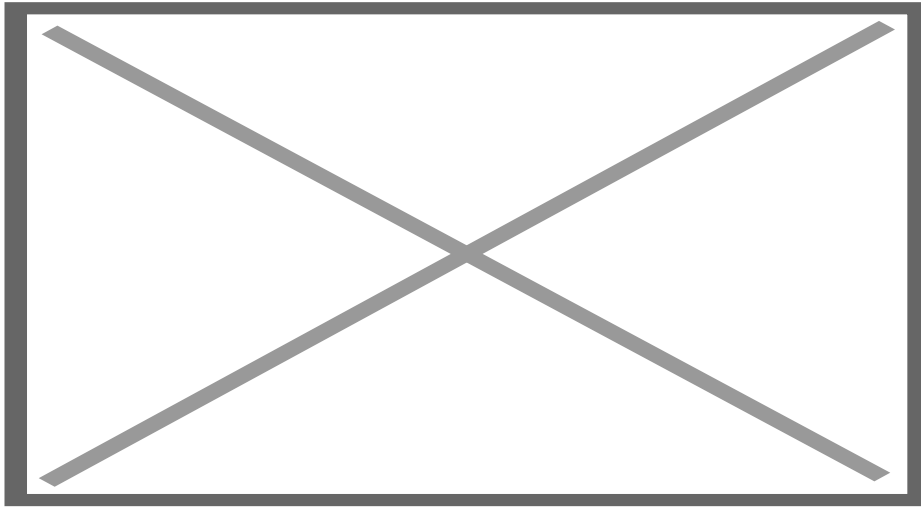
Jacques Hadamard International Program: Université Paris Saclay warmly welcome international students to the *Jacques Hadamard - Orsay* track. Within the M1 *Jacques Hadamard* program, a wide range of courses taught in English are offered. The courses are listed by theme on the webpage [\[link\]](#), and students may select any number of courses within each theme — from none to all. The students may also attend to some other courses from the M1 Jacques Hadamard program, although these are taught in French. The second year of the master program offers an extensive selection of courses taught in English, covering a broad spectrum of mathematical disciplines.

An exceptional education and research environment :

- [An area of excellence](#) with 11 Fields medals, 3 Abel prizes, and 4 Wolf prizes
- 50% of Master's students choose to pursue a PhD
- Excellent professional integration

[Télécharger la fiche détaillée](#)





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Information

- [List of Pathways](#)
- [Overview](#)
- [Application requirements](#)

Liste parcours

Master's Year 1

[M1 Algèbre Appliquée et Cryptologie](#)

Add to Compare

[M1 Analyse, Modélisation, Simulation](#)

Add to Compare

[M1 Applied Mathematics - Site Evry](#)

Add to Compare

[M1 Ingénierie Statistique, Actuariat et Data Science \(ISADS\)](#)

Add to Compare

[M1 Mathématiques appliquées - Site Orsay](#)

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[M1 Mathématiques et Apprentissage Statistique](#)

Add to Compare

[M1 Mathématiques et Intelligence Artificielle](#)

Add to Compare

[M1 Mathématiques et interactions - Site Evry](#)

Add to Compare

[M1 Mathématiques fondamentales et applications](#)

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[M1 Parcours Jacques Hadamard - site ENS Paris-Saclay](#)

Add to Compare

[M1 program J.Hadamard, Mathematics \(Orsay\)](#)

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Master's Year 2

[M2 Algèbre Appliquée et Cryptologie](#)

Add to Compare

[M2 Analysis, Arithmetic, and Geometry](#)

Add to Compare

[M2 Analysis, Modeling, Simulation](#)

Add to Compare

[M2 Data Science : Health, Insurance and Finance - apprentissage](#)

Add to Compare

[M2 Data Science : Health, Insurance and Finance](#)

Add to Compare

[M2 Formation à l'enseignement supérieur en Mathématique - Site ENS Paris-Saclay](#)

Add to Compare

[M2 Formation à l'enseignement supérieur en Mathématique - Site Orsay](#)

Add to Compare

[M2 Ingénierie Statistique, Actuariat et Data Science](#)

Add to Compare

[M2 Mathematics and Artificial Intelligence](#)

Add to Compare

[M2 Mathematics of Randomness](#)

Add to Compare

[M2 Mathematics, Vision, Learning](#)

Add to Compare

[M2 Mathématiques et Apprentissage Statistique](#)

Add to Compare

[M2 Mathématiques pour les sciences du vivant](#)

Add to Compare

[M2 Optimization](#)

Add to Compare

[M2 Program J.Hadamard, Mathematics \(Orsay\)](#)

Add to Compare

[M2 Quantitative Finance](#)

Add to Compare

Présentation

[Fiche nationale du Répertoire National des Certifications Professionnelles \(RNCP\)](#)

Learning outcome targets

An exceptional education and research environment

- 12 tracks in Master 1 (first year) and 15 in Master 2 (second year) covering the entire spectrum of fundamental and applied mathematics
- 750 Master students per year
- 50% of Master's students on average choose to pursue a PhD
- Excellent professional integration
- An area of excellence with 13 Fields medals, 3 Abel prizes, and 4 Wolf prizes
- The Paris-Saclay university covers a large geographical area in the south of Paris (Orsay, Gif-sur-Yvette, Palaiseau, Bures-sur-Yvette, Versailles, Evry) and includes 13 establishments, with 15 scientific research laboratories, supported by research organizations such as the CNRS, INRIA, INRAE and the CEA. The international recognition of the mathematical community of the Université Paris-Saclay makes this place one of the best destinations in the world for young talents in search of a high-level mathematical education.

The wide spectrum of the "Mathematics and Applications" master's degree is made possible, thanks to the joint offer of the Université Paris-Saclay and the Institut Polytechnique de Paris. The diversity of the M1 (first year) and M2 (second year) is based on the specificities of the 15 laboratories and covers the entire spectrum of fundamental and applied mathematics.

Débouchés

Career prospects

After a Master's or Master's + PhD: engineer (R&D, control, production, etc.)

After a Master's or Master's + PhD: researcher or lecturer

After a Master's or Master's + PhD: engineer (research and development, control, production, etc.) in the fields of health, pharmaceuticals, agri-food, biotechnologies, instruments and reagents, cosmetics, pollution control and the environment.

After a Master's or Master's + PhD: engineer (Research & Development, control, production, etc.)

After a Master's degree: Engineer (financial analyst, economist, statistician)

After a Master's degree: Data scientist

After a Master's degree: Artificial intelligence (AI) specialist

After a Master's degree: Research analyst

design study engineer

Design engineer industry / public research
Research & Development Engineer
Secondary school teacher
Admission

Target audience

Bachelor in Mathematics, with outstanding results

<http://www.universite-paris-saclay.fr/formation/master/mathematiques-et-applications>