Ref. formation 201912074166

Master 1 Mention Physique fondamentale et applications parcours physique EUR LIGHT(Light Matter and Interactions - R4)

Financement

Formation professionnelle continue
Non conventionnée / sans dispositif

Organisme responsable et contact

UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES
Service formation continue
05.40.00.25.74
formation.continue.st@u-bordeaux.fr

Accès à la formation

Publics visés :

Demandeur d'emploi
Jeune de moins de 26 ans
Personne handicapée
Salarié(e)
Actif(ve) non salarié(e)

Sélection :

Dossier

Niveau d'entrée requis :

Niveau 6 : Licence, licence professionnelle, BUT (Niveau 6 européen)

Conditions d'accès :

Bac + 3 in the sector of activity On file for other diplomas and VAE / VAP Access to the first year of the Master is open to candidates holding a national degree or after validating a degree in the corresponding field. Recommended licenses: Bachelor's degree Physics Bachelor's degree Physics, Chemistry Admission to this training subject to capacity is done on examination of candidate file in accordance with the deliberation n ° 2017-12 of the board of directors https://www.u-bordeaux.fr/content/download/56422/424525/version/1/file/2017-12_D%C3%A9lib_admission%20M1.pdf

Prérequis pédagogiques :

Non renseigné

Contrat de professionnalisation possible ?

Oui

Objectif de la formation

The international Master in light sciences and technologies is part of the UB Graduate School in Light Sciences and Technologies selected as a French Excellence Initiative. It provides a multidisciplinary environment for first-class research and education as well as for the generation of knowledge and innovation in light Sciences and Technologies. To learn more about the objectives, follow the web link (Presentation tab)

Contenu et modalités d'organisation

• Integrated and trans-disciplinary education program provided by academic and industrial experts, embedded in the Bordeaux cross-fertilizing research environment, and adapted to the professions of tomorrow in photonics industries • An intersectoral and immersive training for students, thanks to the strong involvement of 13 research laboratories and the industrial R&D centers of the field • An extensive hands-on training to give the graduates the most valuable professional attributes, given in state of the art research facilities and infrastructures • Dual Master degree opportunities with Canada and IOGS • International mobility and/or training in industry • Support from the International Masters program within the Bordeaux "Initiative of Excellence" and the French National Research Agency. Every student will also benefit during the four semesters of an individual tutorship program. Innovation and entrepreneurship transversal trainings will also be proposed. After graduation, students are fully prepared to pursue doctoral studies and a career in research. They may also work as scientists or R&D engineers within the industrial field. Associated business sectors: • Light sources • Laser processing and 3D manufacturing • Sensors and multi-responsive detection systems • Smart and reconfigurable integrated photonics systems based on innovative hybrid nanotechnologies • Optical components and devices manufacturing • Innovative optical materials • Pharmaceutical companies (drug screening and testing) • Bio-imaging Academic research domains: • Extreme Regimes of Light • Light Generation Manipulation & Detection • Light Imaging & Biophotonics Other possible activities: • Teaching, education and dissemination of scientific knowledge. • Linking public and private actors in research, development and marketing • Participating in the purchase and investment of scientific equipment To learn more about the program, follow the web link (Organization tab)

Parcours de formation personnalisable ? **Oui** **Type de parcours** **Mixte**

Validation(s) Visée(s)

Master mention physique fondamentale et applications - ***Niveau 7 : Master, diplôme d'études approfondies, diplôme d'études supérieures spécialisées, diplôme d'ingénieur (Niveau 7 européen)***

MON COMPTE FORMATION Éligible au CPF

Et après ?

Suite de parcours

Non renseigné

Calendrier des sessions

Numéro Carif	Dates de formation	Ville	Organisme de formation	Type d'entrée	CPF	Modalités
00175196	du 01/09/2020 au 31/08/2021	Talence (33)	UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES		MON COMPTE FORMATION	FPC Contrat pro

00229584	du 01/09/2021 au 31/08/2022	Talence (33)	**UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES**	FPC Contrat pro MON COMPTE FORMATION
00310994	du 01/09/2022 au 31/08/2023	Talence (33)	**UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES**	FPC Contrat pro MON COMPTE FORMATION
00371430	du 01/09/2023 au 31/08/2024	Talence (33)	**UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES**	FPC MON COMPTE FORMATION
00488387	du 02/09/2024 au 31/08/2025	Talence (33)	**UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES**	FPC MON COMPTE FORMATION
00610533	du 01/09/2025 au 30/06/2026	Talence (33)	**UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES**	FPC MON COMPTE FORMATION