Ref. formation 201911073691

Master 2 Mention Chimie Parcours R4 -LIGHT S&T (EUR)

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+4 dans le domaine Sciences, Technologies, santé Sur dossier pour autres diplômes et VAE / VAP L'accès en deuxième année est ouvert aux candidats titulaires de 60 crédits du Master ou après validation d'un diplôme du domaine correspondant. Bac +4 in Science, Technology, Health On file for other diplomas and VAE / VAP Access to the second year is open to candidates holding 60 credits of the Master's degree or after validation of a diploma from the corresponding field.

Prérequis pédagogiques :

Non renseigné

Contrat de professionnalisation possible ?

Non

Objectif de la formation

The main objective of the training offered is to prepare students for an entry into working life as a manager in the fields of chemistry: molecular and materials chemistry, physical chemistry, environmental chemistry and ecotoxicology, quality, hygiene and safety. It also provides access to the preparation of the PhD degree in Chemistry. In addition, this mention includes three international courses, one on physico-chemistry and physical chemistry and two in the field of materials. These courses materialize the desire of the chemistry community to open up as much as possible to the international scene.

Contenu et modalités d'organisation

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. • 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

…

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

Validation(s) Visée(s)

Master mention chimie - ***Niveau 7 : Master, diplôme d'études approfondies, diplôme d'études supérieures spécialisées, diplôme d'ingénieur (Niveau 7 européen)***

Et après ?

Suite de parcours

Non renseigné

Calendrier des sessions

Numéro Carif	Dates de formation	Ville	Organisme de formation	Type d'entrée	CPF	Modalités
00173363	du 01/09/2020 au 31/08/2021	Talence (33)	UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES		Non éligible	FPC

00229643	du 01/09/2021 au 31/08/2022	Talence (33)	**UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES**	Non éligible	FPC
00311171	du 01/09/2022 au 31/08/2023	Talence (33)	**UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES**	Non éligible	FPC
00372509	du 01/09/2023 au 31/08/2024	Talence (33)	**UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES**	Non éligible	FPC
00610735	du 01/09/2025 au 30/06/2026	Talence (33)	**UNIVERSITE DE BORDEAUX - COLLÈGE SCIENCES ET TECHNOLOGIES**	Non éligible	FPC