Université Paris-Saclay
Share

Email destinataire :
Vous devez renseigner un email valide
Envoyer
Une erreur est survenue. Merci de réessayer ultérieurement
Le mail de partage a bien été envoyé.
Add to Compare

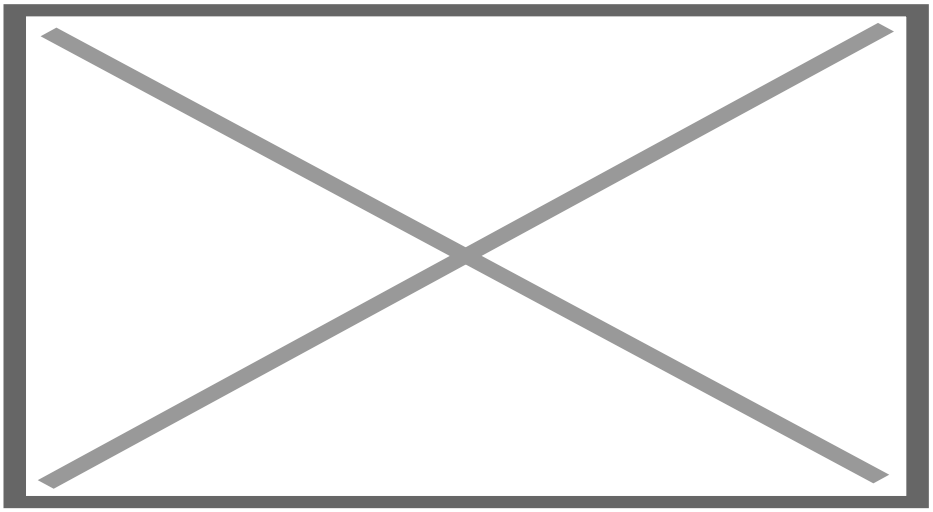
M1 Natural Raw Materials in Cosmetics – MPNC

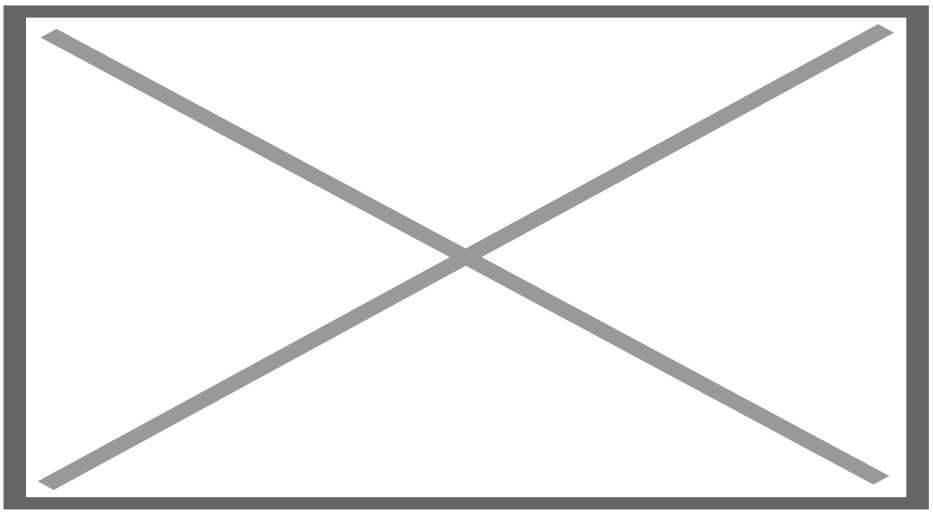
Master's degree
Specialisation Chimie et sciences du vivant
Enrolment type
Contrat de professionnalisation
Formation en apprentissage
Formation continue
Language(s) of instruction
English
French

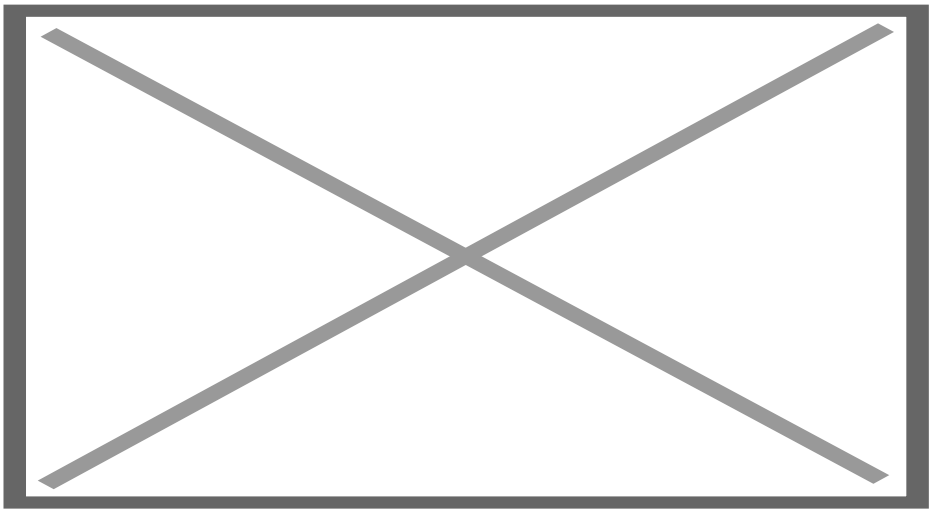
The study path **MPNC (Natural Raw Materials in Cosmetics),** in partnership with ISIPCA (International Higher Institute of Perfume, Cosmetics, and Food Aromatics), is designed to train future professionals with dual competencies in chemistry and biology to meet the research and development needs expressed by industry in the field of natural cosmetics and the search for new active ingredients with potential applications in cosmetics.

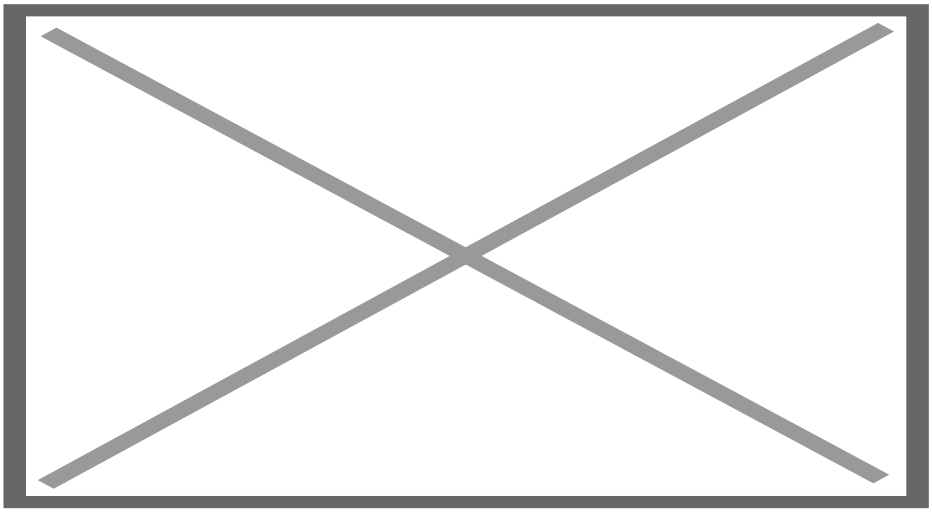
This 2-year work-study programme with partner companies in the world of cosmetics aims to impart solid multi-disciplinary expertise. Emphasis is placed on in-depth understanding of the biological and chemical mechanisms involved in product formulation and efficacy, while integrating the technological and regulatory issues related to this sector. The focus is on understanding natural ingredients: their biosynthesis, active compounds, and the methods used for their extraction and chemical analysis. Combining courses on dermatology and nutrition, innovation and biotechnology, the cosmetics sector, regulations and cosmetics product development, this study path trains students to actively contribute to the research and development of new active ingredients of natural origin, paving the way for innovative and sustainable applications in the cosmetics industry.

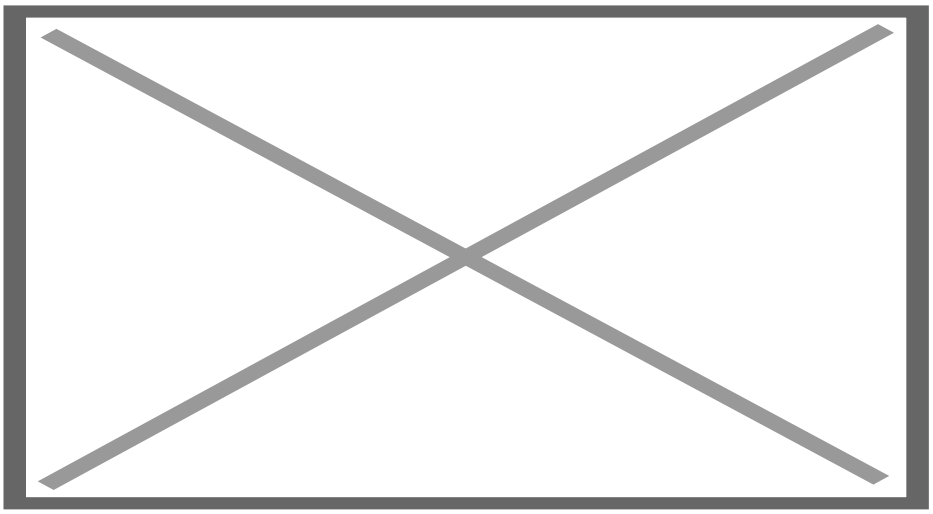
Télécharger la fiche détaillée
Apply Now











Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

- Design innovative and sustainable cosmetic solutions by applying knowledge of nutrition and dermatology, based on an in-depth understanding of natural ingredients—from their active compounds to their extraction and analysis processes—in compliance with regulatory frameworks and through a critical review of the scientific literature. * Lead a project to develop or characterise raw materials or natural active ingredients, ensuring a scientific watch in the fields of botany, pharmacognosy, and extraction, purification, and analysis technologies, while incorporating considerations of safety, efficacy assessment, regulatory frameworks, and submission dossiers. * Lead a project to develop a finished product incorporating all or part of raw materials of natural origin, ensuring technology monitoring, formulation, and organoleptic testing, while integrating regulatory considerations and submission dossiers. * Structure a regulatory file for an innovative cosmetic raw material, taking into

account regulatory, CSR, and economic requirements. * Coordinate basic research, research and development, and marketing and communications departments. * Communicate in English in a professional setting: introduce yourself, present your company and your project, and understand professional and scientific written and oral communications

Objectives

Identify and characterise cosmetic raw materials and their mode of action Ensure a product and regulatory watch

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.)
Regulatory Affairs Manager
Raw materials project manager or researcher
R&D Project Manager
Project Manager
Design Engineer
Research & Development Engineer
Project Manager

Further Study Opportunities

Continuation to 2nd year Master's MPNC (Natural raw materials for cosmetics)

Calendar

Start of programme (indicative date)
07/09/2026
End of programme (indicative date)
31/08/2027
Admission

Admission Route

Chemistry
Life Sciences
Life and Earth Sciences

Capacity

Available Places

25

Target Audience and Entry Requirements

The study path MPNC is open to students who have earned 180 ECTS credits during their first three years of higher education as part of an undergraduate programme in Chemistry or Biology, or any other programme recognised as equivalent in terms of theoretical knowledge. Recruitment will be based on dual registration on the MONMASTER website and on the ISIPCA website:
https://www.isipca.fr/fr/formations/cosmetique/master-matieres-premieres-naturelles-cosmetiques

Période(s) de candidature

Inception Platform

From 15/01/2026 to 16/03/2026

From 19/06/2026 to 25/06/2026

MonMaster Platform

From February 17th to March 16th, 2026

To find out which platform you should apply through, please see the Masters' applications and enrolment page.

Supporting documents

Compulsory supporting documents

Motivation letter.

All transcripts of the years / semesters validated since the high school diploma at the date of application.

Curriculum Vitae.

Additional supporting documents

VAP file (obligatory for all persons requesting a valuation of the assets to enter the diploma).

https://www.formation-continue.uvsq.fr/vae
Programme

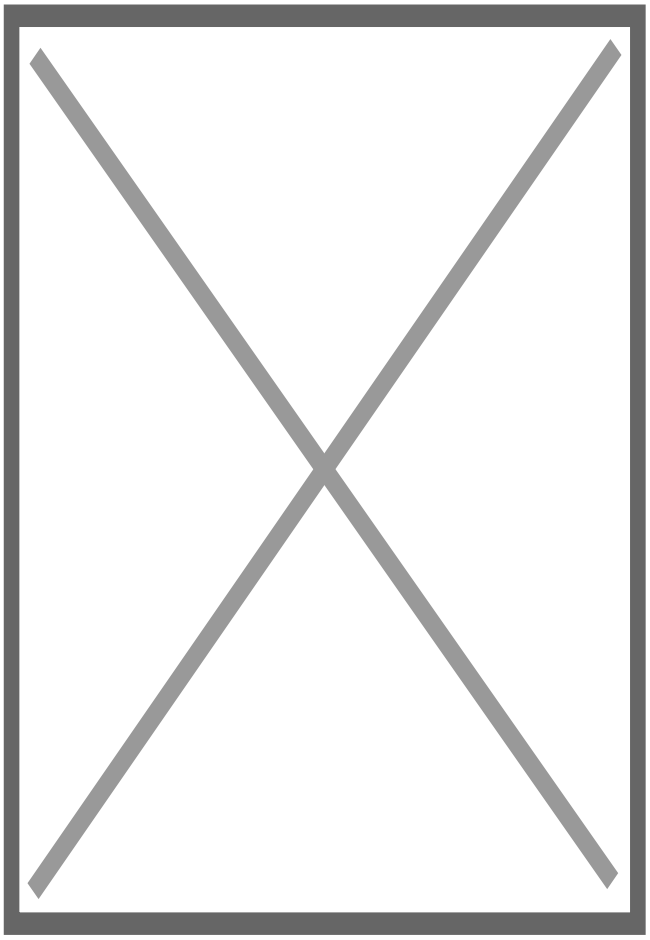
Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed	Lecture/practical	directed study/practical class
Remise a niveau chimie ou biologie au choix								
Remise à niveau en Chimie Charger le détail	7	Semestre 1	27	27				
Remise à niveau en Biologie Charger le détail	7	Semestre 1	27	27				
Identification - caracterisation - mode d'action								
Ingrédients naturels Charger le détail	7	Annualisé	27	12	14			
Analyse des Matières Premières Charger le détail	7	Annualisé	19	15	20			
Biodiversité Pharmacognosie Charger le détail	9	Annualisé	34	5	30			
Projet Tuteuré A	6	Annualisé	5	5				

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Charger le détail								
Devenir Cellulaire	12	Annualisé	18	23	40			
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Métiers et produits	3	Annualisé	27		0			
Charger le détail								
Réglementation	3	Annualisé	26					
Charger le détail								
Projet tuteuré B	6	Annualisé	15	15				
Charger le détail								

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

- **Bruce Pegot**

  UVSQ

- **Sebastien GAUMER**

  PR

http://www.universite-paris-saclay.fr/formation/master/chimie-et-sciences-du-vivant/m1-matieres-premieres-naturelles-en-cosmetiques-mpnc