Université Paris-Saclay
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M2 Pollutions Chimiques et Gestion Environnementale

Master's degree
Specialisations Biodiversity, Ecology, Evolution | Chemistry | Earth and Planetary Sciences, Environment (STePE)
Enrolment type
Formation initiale
Formation continue
Language(s) of instruction
French

The Master 2 in Chemical Pollution and Environmental Management (PCGE) at Paris-Saclay University is a professional master's degree that allows graduates to enter the public and private sectors as executives in many fields related to the environment: polluted sites and soils, environmental engineering, water quality, air quality, nuclear power, sustainable development, impact studies, waste management, environmental regulation and management, etc.

The Master 2 PCGE is organized into three blocks that must be validated separately. Block 1 covers general subjects (communication and project management, English, geographic information systems, structure and reactivity of pollutants, effects of pollutants on humans and ecosystems, environmental management, legislation, and regulations). Block 2 covers specific subjects (waste, water, air and soil, case studies). Finally, block 3 is dedicated to the internship.

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Information

- Overview
- Application requirements
- Schedule

Présentation

Skills

Lead, manage, and successfully complete a project in its entirety, demonstrating adaptability, autonomy, teamwork skills, and strong written and oral communication skills.

Objectives

The training program aims to train senior executives who: 1) possess the scientific skills necessary for analyzing, preventing, and treating chemical pollution and hazards in the three compartments of the biosphere (air, soil, water), 2) capable of successfully managing waste at all levels of activity, 3) capable of conducting studies on the environmental impacts of an activity and proposing environmental strategies in accordance with regulations. The skills acquired at the end of the training program enable graduates to: 1) conduct technical and economic studies for pollution control (air, soil, water), 2) manage and treat urban, industrial, and agricultural waste, 3) conduct audits, impact studies, and hazard assessments, 4) monitor the environment at industrial sites, 5) intervene at polluted sites, 6) implement environmental management systems at industrial sites and prepare for ISO 14001 certification.

Débouchés

Career prospects

Business Manager
Head of mission / projects
Research officer

Further Study Opportunities

PhD
Head of project/mission
Research officer
Consultant

Calendar

Start of programme (indicative date)
31/08/2026
Admission

Admission Route

Physics
Chemistry
Life and Earth Sciences
Health sciences
Engineering Sciences

Capacity

Available Places

16

Target Audience and Entry Requirements

Le Master 2 professionnel « Pollutions Chimiques et Gestion Environnementale » (PCGE) est une formation pluridisciplinaire en environnement, commune aux trois mentions : i) Chimie, ii) Sciences de la Terre et des Planètes, Environnement (STePE), et iii) Biodiversité, Ecologie et Evolution (BEE). Cette formation à visée professionnelle très attractive (200 candidatures pour 20 places chaque année) est accessible à des étudiants chimistes, géologues et écologues, en formation initiale ou en formation continue. Le positionnement unique de la formation au niveau régional, national, voire international permet d'afficher depuis quatre ans un taux moyen d'insertion professionnelle dans le secteur privé de 56, 82 et 100% respectivement à 0, 6 et 12 mois après l'obtention du diplôme.

Période(s) de candidature

Inception Platform

From 25/04/2026 to 15/06/2026

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.

Detailed description and hourly volume of courses taken since the beginning of the university program.

Additional supporting documents

Certificate of French (compulsory for non-French speakers).

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

Document indicating the list of local M2 choices available here : https://urlz.fr/i3Lo.

Supporting documents :
- Residence permit stating the country of residence of the first country
- Or receipt of request stating the country of first asylum
- Or document from the UNHCR granting refugee status
- Or receipt of refugee status request delivered in France
- Or residence permit stating the refugee status delivered in France
- Or document stating subsidiary protection in France or abroad
- Or document stating temporary protection in France or abroad.

Programme

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Communication, gestion de projets et insertion professionnelle	3	Semestre 1	6	25				
Charger le détail								
Anglais	2	Semestre 1	24					
Charger le détail								
Outils informatiques en environnement	3	Semestre 1	27	0	6			
Charger le détail								
Polluants : structure et réactivité	3	Semestre 1	24	6	0			
Charger le détail								
Effets des polluants sur l'homme et les écosystèmes	3	Semestre 1	30		6			

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class
Charger le détail								
Management environnemental	3	Semestre 1	33	6	4			
Charger le détail								
Législation et réglementation	3	Semestre 1	32		1			
Charger le détail								

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distan learn cour
Déchets	3	Semestre 1	30		4				
Charger le détail									
Eau	3	Semestre 1	27		2				
Charger le détail									
Air et sols	4	Semestre 1	34	3	0				
Charger le détail									
Etude de Cas	6	Semestre 2		4					
Charger le détail									
UE libre Catalogue S1	2.5	Semestre 1							
Charger le détail									

Subjects	ECTS	Semester	Lecture	directed study	practical class	Lecture/directed study	Lecture/practical class	directed study/practical class	distanc learni cours
Stage	22	Semestre 2							
Charger le détail									

Teaching Location(s)

ORSAY

Contact

- **Laurent SALMON**

  PR

http://www.universite-paris-saclay.fr/formation/master/biodiversite-ecologie-et-evolution/m2-pollutions-chimiques-et-gestion-environnementale