SERP+ ERASMUS MUNDUS JOINT MASTER'S PROGRAMME

ABOUT US

A master's programme in chemistry, physical-chemistry and materials science together with entrepreneurial skills.

A consortium of 5 leading research universities:

- Paris-Saclay University (France)
- Adam Mickiewicz University (Poland)
- University of Genoa (Italy)
- University of Porto (Portugal)
- McGill University (Canada)

WHY CHOOSE SERP+?

- Leadership in strategic fields: renewable energies, green chemistry and catalysis, nanomedicine, nanosciences, new materials and radiation therapies.
- Broad range of job and PhD offers
- International Summer school for entrepreneurship and business networking and Winter school in Data Science
- Large network of companies and research centres
- Student facilities

CONTACT US

master.serp@universite-paris-saclay.fr

www.master-serp.eu

Co-funded by the European Union

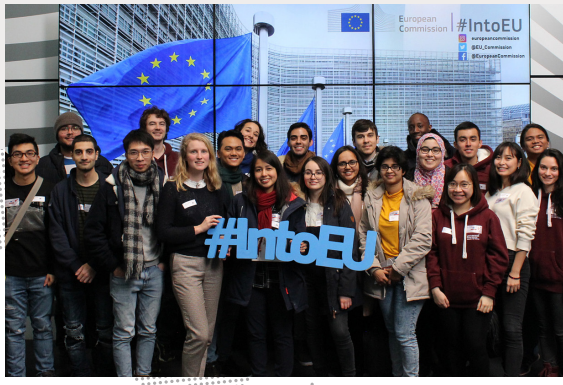
PROGRAMME CONTENT

Note that the medium of instruction and examination is English.

Mobility track

SEMESTER 1		SEMESTER 2		SEMESTER 3		SEMESTER 4	
UPSaclay	**Winter school U.Porto / AMU** *Data Science*	**AMU** *Physical chemistry and photochemistry of molecules and biomolecules*	**Summer school UniGe** *Entrepreneurship*	**UniGe** *Nanostructuring at surfaces for energy harvesting, electronics, and green chemistry*		**Master Thesis + internship 6 months**	**UPSaclay** *Defence + Graduation*
Fundamentals and methods		**U.Porto** *Chemistry and physics of materials and interfaces for sustainability*		**UPSaclay** *Nanomaterials for medicine and energy: from research to decision making*			
				McGill *Intensive Research path in physical-chemistry related fields*			

Non-European students are encouraged to study within the European consortium, while the Canadian track is primarily available to European students.



MULTIPLE DEGREE

- Master's degree in Chemistry from Paris-Saclay University
- Master's degree in Materials Science and Technology from the University of Genoa
- Master's degree in Nanomaterials Science and Technology from the University of Porto
- Master's degree in Chemistry from Adam Mickiewicz University in Poznan
- Master's degree in Chemistry from McGill University

+ Joint diploma supplement

SUMMER SCHOOL

Learn how to transfer technology to the market and to the society thanks to the 2-week summer school taking place at the University of Genoa !

Courses: European patent law, Business and economy management, Communication, Risk capital and funding, Technology of innovation, New Information and Communication Technologies, Personal professional project,...
www.sosmse.eu

WINTER SCHOOL

The winter school is an introduction to different aspects of computational data science, applied to chemical and material sciences.

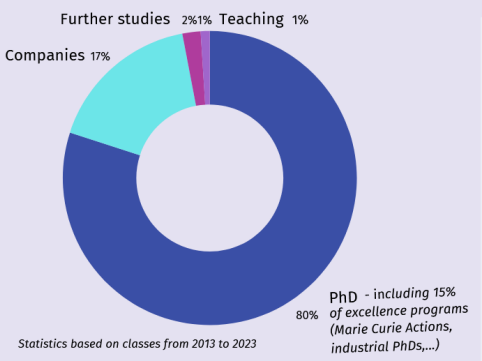
NETWORKING

On-site visits, seminars and internships are proposed by our partners:

More than 30 associated partners : companies, research & innovation centres, large scale facilities, medical centres, business school and non-European universities..

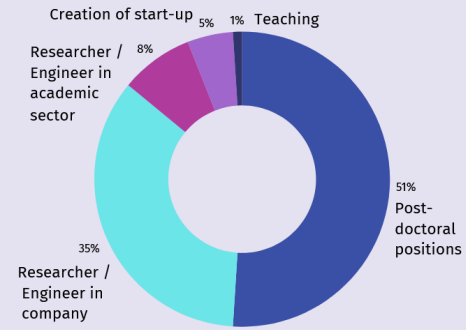
CAREERS

Job insertion right after SERP



Statistics based on classes from 2013 to 2023

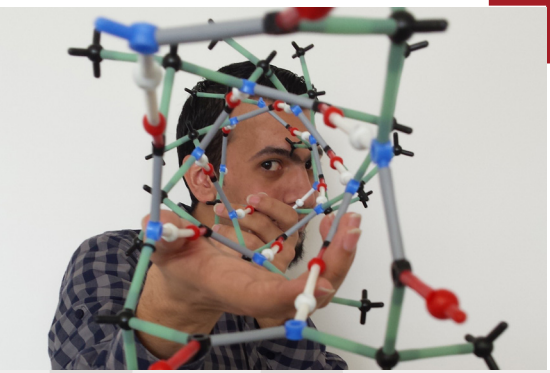
Job insertion after PhD



Statistics based on classes from 2013 to 2017

ADMISSION CRITERIA

A Bachelor degree (180 ECTS or equivalent) in chemistry, physical-chemistry, or materials science with elements of chemistry.
English skills (TOEFL, IELTS or other proof).



SCHOLARSHIPS

Erasmus Mundus (for 2 years): 33 600 €

Paris-Saclay IDEX scholarship (for 2 years): 20 000 €

Partial scholarships: fee waiving (for 2 years)

Documents for application

- CV
- Cover letter
- Transcripts of records + grading system explanation
- Proof of English
- Contact details of a referee
- Identity document

APPLICATIONS

Calendar :

- First application session (all candidates): February 14, 2026
- Second application session — exclusively for European students and students from SERP associated partners: April 26, 2026

Go to www.master-serp.eu

université PARIS-SACLAY

Università di Genova

UAM Uniwersytet im. Adama Mickiewicza w Poznaniu

U.PORTO

McGill