SERP+ ERASMUS MUNDUS JOINT MASTER'S PROGRAMME



ABOUT US

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

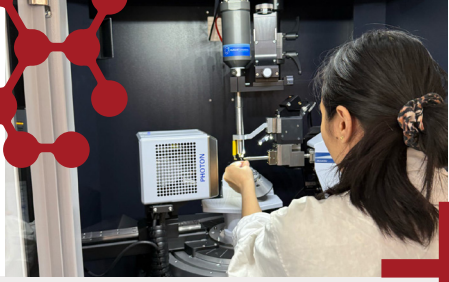
https://master-serp.com/

CONTACT US
master.serp@universite-paris-saclay.fr

Co-funded by the European Union

PROGRAMME CONTENT

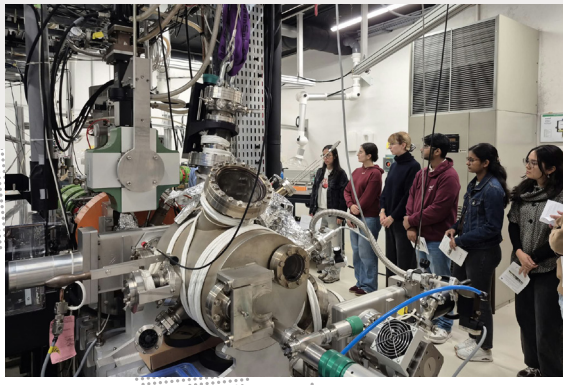
Note that the medium of instruction and examination is English.



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.



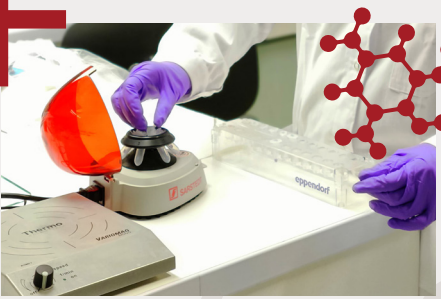
MULTIPLE DEGREE

- 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: Identifying and validating market needs, developing value propositions, customer discovery, market and competitor analysis, intellectual property and equity management, financial planning, and investor pitching.
https://serpess.eu/

WINTER SCHOOL

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

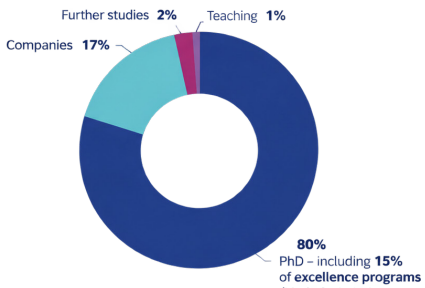
NETWORKING

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, and non-European universities..

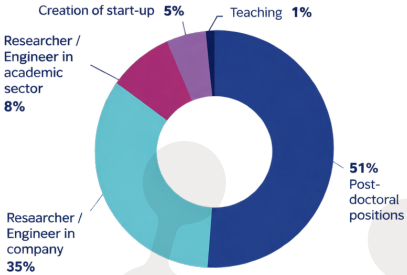
CAREERS

Job insertion right after SERP



Statistics based on classes from 2013 to 2023

Job insertion after PhD

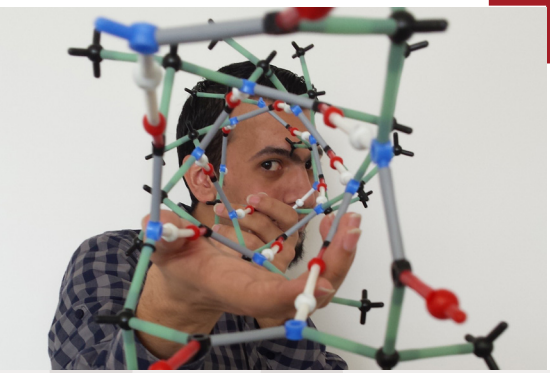


Statistics based on classes from 2013 to 2017

ADMISSION CRITERIA

A Bachelor degree (180 ECTS or equivalent) in chemistry, physical-chemistry, or materials science with sufficient 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

Indicative yearly calendar (check precise deadlines on the website):

- Beginning of November: opening of the applications
- Mid-February: deadline for applications
- End of April: communication of the results

Go to https://master-serp.com/

université PARIS-SACLAY

Università di Genova

UAM Uniwersytet im. Adama Mickiewicza w Poznaniu

U.PORTO

McGill