University of Strasbourg France
a chemistry hot spot
We are taking a new approach to educating a new generation of chemistry leaders – those that will prepare the future of industry and the environment.

A 5-year integrated Master-PhD program centered around a central theme: Complex Systems Chemistry (CSC).

A program for international students: English as the only teaching language

Defining CSC Research and CSC Graduate School learning as a whole

Combining the existing expertise in CSC with educational program: Constantly exposing students to current research activities and Innovation

Benefits for PhD:
Leverage master program during thesis
Thesis topics at the interface between disciplines

Complex Systems Chemistry In 2010, a cluster of 19 research groups in Strasbourg, now known as the LabEx CSC, were awarded an excellence grant on this topic.

ACTIVE NOBEL LAUREATES, INCLUDING JEAN-PIERRE SAUVAGE (2016)
MEMBERS OF THE ACADEMY OF SCIENCES
IUF MEMBERS
CNRS MEDAL AWARD WINNERS
ERC ADVANCED GRANTEES AND 7 ERC STARTING

Molecular units or networks incorporating information capable of expressing a specific property and performing a well-defined task by virtue of their architectures
Adaptive and evolvable chemical systems, capable of responding to external stimuli
Strongly multidisciplinary approaches ranging from biomedical to material sciences

About us and mission
Educational program

MASTER PROGRAM: 2 YEARS

A multi- and transdisciplinary program that offers a broad education in:

- Molecular and physical chemistry (synthesis, spectroscopies, materials science, theory) including industrial aspects
- Selected courses from existing Masters programs: « Chimie Moléculaire, verte, supramoléculaire, chimie physique analytique et Matériaux »

Students are learning by doing

- 14 months of experimental work in 2-3 research laboratories, including practical training with their state-of-the-art equipment
- M1 internships: 4 months in academic laboratories or international companies
- M2 internships: 4 months in academic laboratories or international companies, 6 months in academic CSC laboratories
- An annual summer school

Entrepreneurship & Innovation program

- Significant exposure to issues relevant to industrial R/D and the innovation value chain, including business immersion days with industrial partners
- Visits to corporate research centers
- Industrial program built in collaboration with leading companies

The CSC Graduate School focuses on student’s soft skills

- Professional and personal development through an innovative and customized 5-year leadership training program
- Personal mentoring from LabEx CSC researchers
- Exploring written and oral communication

THESIS: 3 YEARS

A combined thesis and CSC Graduate school diploma

- Specific training and scientific workshops
- Leadership training program in continuity with the MSc period
- A CSC Graduate School diploma recognised in academia and industry

BACHELOR OF SCIENCE (CHEMISTRY)

MASTER PROGRAM (2 YEARS)

MAJOR PROGRAM: 2 YEARS

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PHD PROGRAM (3 YEARS)

A combined thesis and CSC Graduate school diploma

Specific training and scientific workshops

Leadership training program in continuity with the MSc period

A CSC Graduate School diploma recognised in academia and industry
What do we offer?

- MSc scholarships: roughly 600€ per month covering most living costs
- PhD fellowships for successful MSc students with net salary roughly 1400€ per month
- Financial assistance for travel expenses will be reimbursed up to 1000€, subject to the provision of receipts
- Specific assistance to international students for housing, visa application, enrolment and health insurance
- Exemption from registration fees at the University of Strasbourg (MSc students only)

Admission criteria

- You have a Bachelor in the field of chemistry or related subjects
- You are among the top 10% of the students in your university
- You have a solid background in English
- You have a strong interest to acquire professional knowledge in the field of complex systems chemistry

Join us!
Apply at grad-csc.unistra.fr

Corporate partnerships

You are a company interested in:

- Being accompanied in research and innovation in your industrial activity
- Recruiting future talents
- Developing an long term partnership with the CSC Graduate School and University of Strasbourg

CONTACT US:

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