

Key figures

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

2

active Nobel Laureates,
including Jean-Pierre Sauvage
(2016)

4

members of the Academy
of Sciences

7

IUF members

11

CNRS medal
award winners

3

ERC Advanced grantees
and 7 ERC Starting

Chemistry at the University of Strasbourg

Top 20

in the world for Chemistry
in 2015 ARWU
(only French university
in the top 100)

Top 1

in Europe for how its research
generates applications and
commercial impact
(Nature Lens score 2017)

Top 16

in the world for how its research
generates applications and
commercial impact
(Nature Lens score 2017)

Top 5

in Chemistry in Europe

Complex systems chemistry | CSC

A graduate school

of University of Strasbourg



co-funded by the Investments
for the Future programme



Contacts

Director

Joseph Moran

grad-csc@unistra.fr

–

Manager CSC Graduate School
and Corporate Partnerships

Stéphanie Wittersheim

wittersheim@icfrc.fr

–

✉ graduateschools.unistra.fr

✉ grad-csc.unistra.fr

A new 21st century approach to chemistry that will lead to profound technological changes

About us & mission

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

The CSC Graduate School considers research and learning as a whole, together with the Labex CSC researchers. Students are constantly exposed to current research activities, ranging from small projects all the way to extended internships, preparing them for a PhD thesis.

Research axes

- 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

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

Industrial program built in collaboration with leading companies:

- 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

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

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

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

... Then join us!

Apply at rad-csc.unistra.fr/admission

What do we offer?

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