



MASTER CHEMISTRY

Course EUR XL-Chem
Graduate School of Research

Available training

- INITIAL TRAINING SANDWICH COURSE DISTANCE LEARNING ONGOING TRAINING

 Campus Caen

 Campus Le Havre

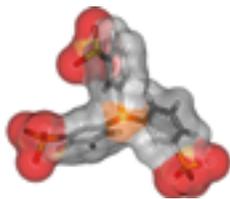
 Campus Mont-Saint-Aignan



AIM OF THE PROGRAM

Prepare student for in-demand jobs.

XLChem Master is based on three pillars: research, training and technology transfer to industry. XLChem will train students to gain a broad education in chemistry for living sciences and its business environment. In parallel to a research based education in chemistry, XLChem students will benefit from a certified training in management (delivered by a School of Management). Beside their scientific expertise, candidates will have the opportunity to develop an understanding of the social, legal and economic implications of the decisions that managers in chemical, pharmaceutical, luxury and related industries are required to make.



CAREER OPPORTUNITIES

Fields: Chemical, oil, pharmaceutical and food industries, polymer materials, cosmetics, pharmaceutical technology, biomaterials, packaging, coating...

Positions in industrial/private companies: executive, project or service leader (Start-up), design or research engineer, quality engineer, consulting engineer/expert, trade engineer...

Positions in academia: research engineer, researcher, associate professor (after three years of PhD).

TEACHING MANAGER

www.xl-chem.fr

PROGRAM CONTENTS

High level scientific courses and lectures in English by French and foreign academics (30 ECTS).

Possibility for XL-Chem students to build-up their own curriculum associated to their own professional project by selecting "a la carte" core scientific course in chemistry amongst those existing in the Norman Master curricula:

Master of Organic Chemistry for Living (COMV)

Master of Chemistry Polymers and Surfaces (PS)

Master of Chemistry Analysis and Spectrochemistry (AS)

Master of Chemistry Aroma, Perfumes and Cosmetics (ARPAC)

Tutorship and coaching of each XL-Chem student with a research project in a laboratory managed by academics of Normandy University (30 ECTS)

Certified formation in management given by a Business school (30 ECTS)

6 month research Internship in Industry or in an university of one of the international partners of XL-Chem.

ADVANTAGES

"A la carte" core scientific courses in chemistry taught in English by European scientific leaders.

Increased formation through research: in the XLChem Master curriculum, the core scientific courses will only represent 1/3 of the curriculum completed by an important research project guided personally by a mentor.

Certified formation in soft skills and management with a focus in entrepreneurship, business start-up or business management, sciences communication.

Students will further have access to a one-week annual spring seminar as well as a 600€/month excellence allowance.

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