



In Compiègne in France,
one-hour from Paris



For students with a
chemical background
with at least 2 years of
studies in this field and
good level of English

Full completion : 6 ECTS



€ 1.850 for partner
universities
€ 2.350 for other
universities



Accommodation
included



Registration by May 5th
Payment by May 15th



international@escom.fr



ÉCOLE SUPÉRIEURE
DE CHIMIE ORGANIQUE
ET MINÉRALE

*This is a provisional programme
liable to some changes*



JUNE 19 - JULY 7, 2023

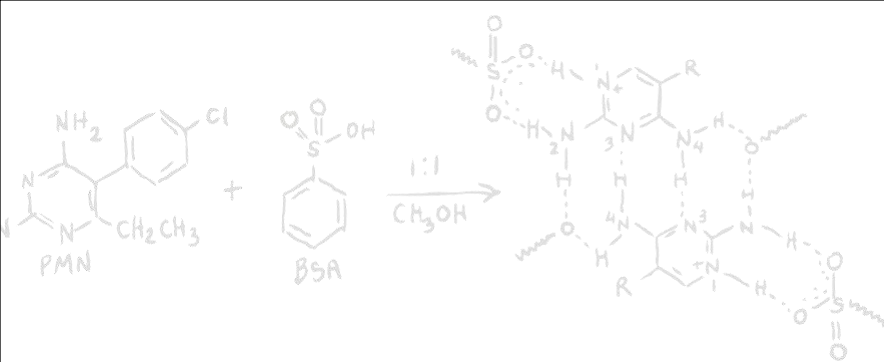
CHEMISTRY & FORMULATION FOR COSMETICS

WHY CHOOSING THIS PROGRAMME ?

ESCOM Chimie is a French « Grande Ecole » renowned in chemistry and chemical engineering with a well established expertise and network in chemistry and cosmetics. You will thus benefit from :

- conferences and seminars in English with international academics and high-level speakers from the cosmetic industry, with partnerships
- visits of international-level companies
- practical applications in laboratory
- discovery of the French language and culture with visits
- a peaceful and natural environment in the historical city of Compiègne, near Paris





SUMMER SCHOOL

JUNE 19 - JULY 7, 2023

CHEMISTRY & FORMULATION FOR COSMETICS

WEEK 1 FORMULATION AND COSMETICS APPLICATIONS

Ingredients in cosmetics (traditional, bio-sourced, algae)
 Skin structure, tribology & chemical localization & characterization
 UV filters
 Lab work project : formulation of sunscreens
 Business trip : L'Oréal – Luxury Division

With the participation of Solvay, Seppic, L'Oréal, CEA, LVMH

Extra:

Welcome reception
 French courses
 Tour of Compiègne city
 Fête de la Musique
 Visit of Pierrefonds castle
 Wine & cheese tasting



WEEK 3 ENCAPSULATION, ACTIVE DELIVERY & SKIN CARE

Encapsulation techniques & characterization, cosmetic applications
 Lab works : formulation of cosmetics products (skin care, make up) & micro-encapsulation
 Workshop on microfluidics
 Business trip : Chanel

With the participation of Takasago, UQAC, Calyxia, Chanel

Extra:

French courses
 Pastry workshop
 Closing ceremony & BBQ



WEEK 2 PERFUMES, FRAGRANCES & FLAVOURS

International market of fragrances (ex. of vanillin)
 International regulations for cosmetics & ingredients
 Extraction techniques and processes
 Lab works :

- Extraction processes of fruit & plant essential oils
- Formulation of a Chanel toiletry product

Business trips :

- Metarom – Lab workshop : sensorial analysis of flavours
- Givaudan

With the participation of Solvay, Metarom, Givaudan, Chanel France & US

Extra:

French courses
 Visit of Amiens

