

SUMMER SCHOOL

JUNE 24 - JULY 12, 2024

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



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



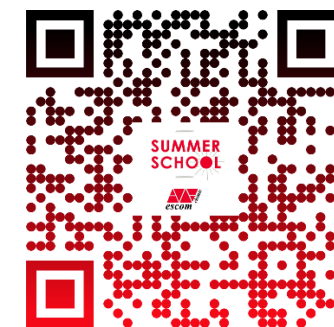
€ 1.850 for partner
universities
€ 2.500 for other
universities



Accommodation
included

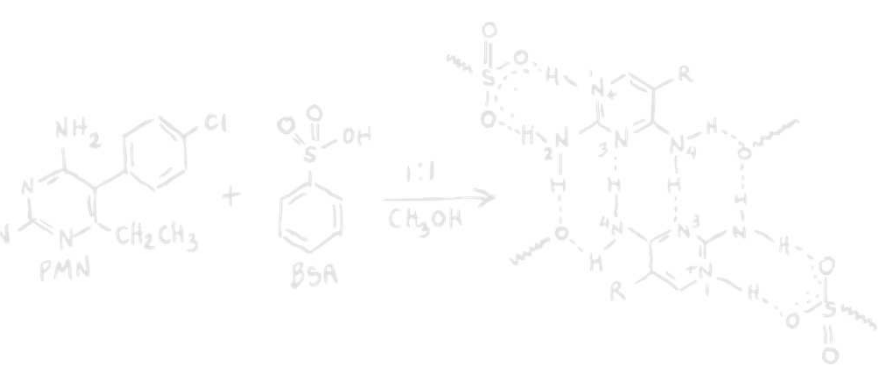


Registration and
payment by May 1st



ÉCOLE SUPÉRIEURE
DE CHIMIE ORGANIQUE
ET MINÉRALE

*This is a provisory programme
liable to some changes*



SUMMER SCHOOL

JUNE 24 - JULY 12, 2024

CHEMISTRY & FORMULATION FOR COSMETICS

WEEK 1 INGREDIENTS FOR COSMETICS APPLICATIONS

Ingredients in cosmetics (traditional, bio-sourced, algae)

Skin structure, tribology & chemical localization & characterization

UV filters

Lab work project : formulation of sunscreens

Business trips : L'Oréal + local soapery

Past participation of Seppic, L'Oréal, CEA, LVMH

Extra:

Welcome reception
French courses
Tour of Compiègne city
Visit of Castle of Pierrefonds



WEEK 3 FORMULATION TECHNIQUES & CHARACTERIZATION

Encapsulation techniques & characterization, cosmetic applications

Lab works : formulation of cosmetics products (skin care, make up) & micro-encapsulation

Workshop on microfluidics

Entrepreneurship in cosmetics by LILIKIWI

Business trip : Creapharm

Extra:

French courses
Pastry workshop
Closing ceremony

Past participation of Solvay Givaudan, UQAC,



WEEK 2 PERFUMES & FRAGRANCES

International market of fragrances (ex. of vanillin)

International regulations for cosmetics

Introduction to fragrance synthesis

Extraction techniques and processes

Lab works :

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

Business trip : Chanel

Past participation of Chanel, Givaudan

Extra:

French courses
Perfume workshop at Abbey of Chaalis
Wine & chesse tasting





FORMULATION

CHEMISTRY

SUMMER SCHOOL

COSMETICS

FRAGRANCES



CULTURE

BUSINESS TRIPS

