

SUMMER SCHOOL

JUNE 21 - JULY 2, 2021

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 with international academics and high-level speakers from the cosmetic industry
- technical workshops (experiments, demonstrations)
- networking activities, collaborative formulation project
- discovery of the French language and culture



Online programme (live)
Paris time



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



€ 700 for partner
universities
€ 800 for non-partner
universities



Certificate of
participation
4 ECTS



Registration by May 15th
Payment by June 1st



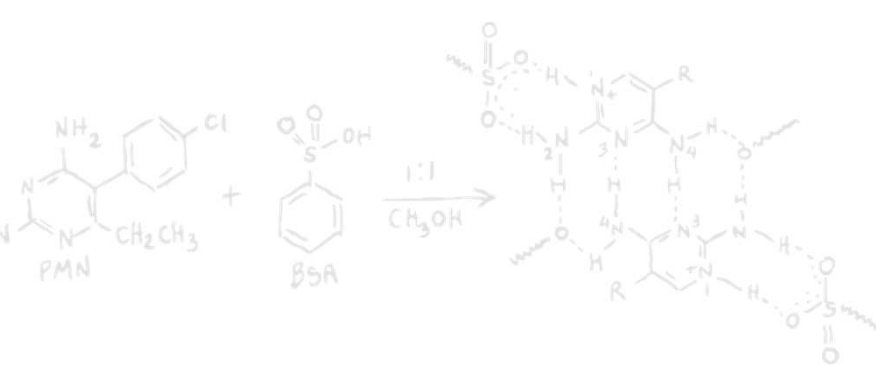
For more information:
www.escom.fr/international



ÉCOLE SUPÉRIEURE
DE CHIMIE ORGANIQUE
ET MINÉRALE

MORE INFORMATION

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Extra:

Introduction to French language & culture

Networking activities

PART 1 FORMULATION AND COSMETICS APPLICATIONS

- Cosmetics & sustainable Innovation
- Ingredients in cosmetics (traditional, bio-sourced, algae)
- Shampoos & new textures (formulation)
- Pigments & dyes in cosmetics
- Lab demonstrations : formulation ingredients & characterization

With the participation of Solvay, Seppic, CEA



PART 3 ENCAPSULATION, ACTIVE DELIVERY & SKIN CARE

- Skin structure, tribology & chemical localization
- Encapsulation techniques & characterization
- Lab demonstration : formulation of cosmetics products (skin care, make up) & micro-encapsulation
- Introduction to microfluidics

With the participation of L'Oréal, Takasago, UQAC, Solvay



PART 2 PERFUMES, FRAGRANCES & FLAVOURS

- International market of fragrances (example of vanillin)
- International regulations for cosmetics & ingredients
- Formulation of toiletries
- Extraction techniques and processes
- Lab demonstration : extraction & hydrodistillation of fruit essential oils

With the participation of BASF, Chanel US, Solvay

