

# SUMMER SCHOOL

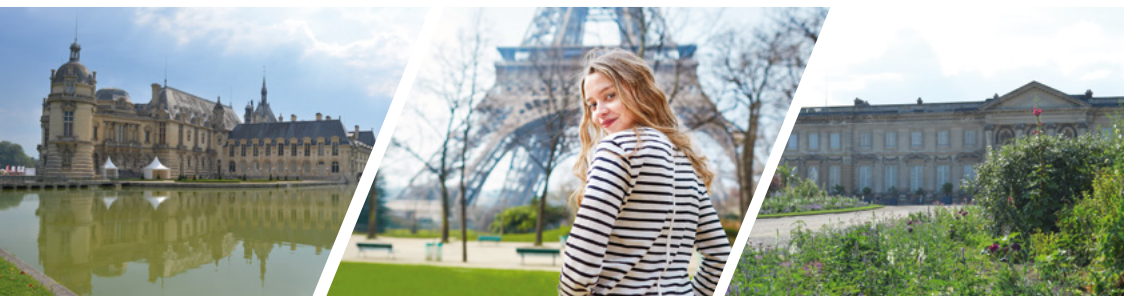
JUNE 24 - JULY 12, 2019

## 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, 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 and at least 2 years of studies in this field and good level of English



€ 1.850 for partner universities  
€ 2.350 for other universities



Accommodation included



Registration by May 5<sup>th</sup>  
Payment by May 31<sup>st</sup>



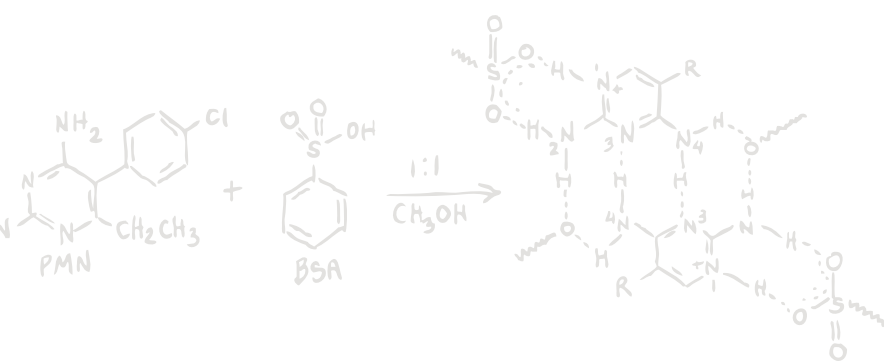
For more information:  
[www.escom.fr/international](http://www.escom.fr/international)



ÉCOLE SUPÉRIEURE  
DE CHIMIE ORGANIQUE  
ET MINÉRALE 

### MORE INFORMATION

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# SUMMER SCHOOL

JUNE 24 - JULY 12, 2019

## CHEMISTRY & FORMULATION FOR COSMETICS

### WEEK 1 FORMULATION AND COSMETICS APPLICATIONS

Novel active substances for cosmetics  
 Rheology, polysaccharides, surfactants  
 Fats & oils in cosmetics  
 Formulation & applications for hair care/skin care  
 Example of marine cosmetics  
 Lab work in formulation (cosmetics, personal care, skin care)  
 Visit of an international cosmetic industry

**With the participation of L'Oréal and Solvay**

**Extra:**  
 Welcome reception  
 French courses  
 Tour of Compiègne city  
 Visit of Pierrefonds Castle



### WEEK 3 ENCAPSULATION, ACTIVE DELIVERY & SKIN CARE

Encapsulation techniques & characterization  
 Skin hydration & anti-aging  
 Natural cosmetics  
 Lab work on skin care/active delivery  
 Workshop on microfluidics  
 Visit of companies for microfluidics & encapsulation  
**With the participation of Takasago**

**Extra:**  
 French courses  
 Visit of Chantilly castle  
 Closing ceremony



### WEEK 2 PERFUMES & FLAVOURS

Perfume design  
 Workshop on sensory analysis & organoleptic tests  
 International regulations  
 Current market in perfumes & cosmetics  
 Extraction techniques  
 Lab work on fruit extraction & hydrodistillation  
 Visit of a flavour or perfume industry

**With the participation of Chanel and Solvay**

**Extra:**  
 French courses  
 Tour in Paris + Musée Fragonard

