

Unité d'Enseignement	Elément Constitutif d'UE	Unité de Cours
UE_0801 - Research and innovation 2 ┆ 3 ECTS	Research project 1	0065_1 - Research project 1 ┆ Projet : 30.0h
	Functional analysis	0019_1 - Functional analysis ┆ TD : 10.0h (x3)
UE_0802 - Engineer in a company 6 ┆ 4 ECTS	English 3	0064_1 - English 3 ┆ TD : 28.0h (x6)
	Eco-design, lca, sd	0077_2 - Eco-design, lca, sd ┆ Cours : 6.0h ┆ TD : 6.0h (x4) ┆ DS : 1.0h
	Production management	0107_1 - Production management ┆ TD : 16.0h (x4) ┆ DS : 1.0h
	Business model simulation	0045_1 - Business model simulation ┆ TD : 20.0h
	Industrial property (patents)	0102_1 - Industrial property (patents) ┆ TD : 8.0h (x4) ┆ DS : 1.0h
	English test	0156_1 - English test ┆ DS : 3.0h
	Creation of a paint	0053_1 - Paint specifications ┆ Cours : 12.0h
UE_0821 - Formulation chemistry 1 ┆ 8 ECTS		0053_2 - Paint formulation principals ┆ Cours : 16.0h ┆ DS : 2.0h
	Coatings raw materials	0089_1 - Binders / additives / powders ┆ Cours : 34.0h ┆ DS : 2.5h
		0089_2 - Microbiology applied to fc ┆ Cours : 6.0h
	Additives and physical chemistry of formulated products	0054_1 - Additives and physical chemistry of formulated products ┆ Cours : 4.0h ┆ DS : 1.0h
UE_0822 - Formulation chemistry 2	Creation of an adhesive	0093_1 - Glueing - specifications ┆ Cours : 8.0h ┆ DS : 2.0h

┆ 7 ECTS

0109_1 - Manufacturing and testing aqueous phase adhesives┆ TP : 16.0h (x2)
┆ DS : 0.5h**0109_2 - Physical setting adhesive formulation**┆ Cours : 9.0h
┆ TD : 6.0h**Industrial paints 1 and decoratives****0140_1 - Decoratives paints**┆ TP : 10.0h (x2)
┆ DS : 1.0h**0140_2 - Powder paints**┆ Cours : 3.0h
┆ TP : 7.0h (x2)
┆ DS : 0.5h**0140_3 - Uv coatings**┆ Cours : 6.0h
┆ DS : 1.0h**0140_4 - Uv coatings practical**

┆ TP : 3.5h (x4)

UE_0823 - Formulation chemistry 3

┆ 5 ECTS

Color analysis fc**0042_1 - Fc color analysis**

┆ TP : 12.0h (x2)

Skin biology**0091_1 - Skin biology**┆ Cours : 10.0h
┆ DS : 1.0h**Cosmetic conferences 1****0125_1 - Cosmetic conferences 1**

┆ Cours : 11.5h

Creation of a cosmetic**0152_1 - Cosmetics raw materials**┆ Cours : 13.0h
┆ DS : 2.0h**0152_2 - Cosmetics specifications**

┆ Cours : 4.0h

Care products**0092_1 - Care products**┆ Cours : 6.0h
┆ TP : 14.0h (x2)
┆ DS : 1.0h**Cosmetic regulation****0116_1 - Cosmetic regulation**┆ Cours : 6.0h
┆ DS : 1.0h**MO_0801 - Professional ethics contest**

┆ 2 ECTS

Professional competition in ethics**0103_1 - Professional competition in ethics**┆ TD : 6.0h
┆ Projet : 14.0h**MO_0802 - Art, culture, and sciences****Art, culture and science****0005_2 - Art, culture and science**

┆ 2 ECTS

**MO_0803 - Innovation
contest s8**

┆ 2 ECTS