

Unité d'Enseignement	Élément Constitutif d'UE	Unité de Cours
UE_1801 - Research and innovation 2 ┆ 3 ECTS	Research project 1	1065_1 - Research project 1 ┆ Projet : 30.0h
	Business model simulation	1045_1 - Business model simulation ┆ TD : 20.0h
UE_1802 - Engineer in a company 6 ┆ 4 ECTS	English 3	1064_1 - English 3 ┆ TD : 28.0h (x6)
	Functional analysis	1019_1 - Functional analysis ┆ TD : 10.0h (x2)
	Industrial property (patents)	1102_1 - Industrial property (patents) ┆ TD : 8.0h (x2) ┆ DS : 1.0h
	Production management	1107_1 - Production management ┆ TD : 16.0h ┆ DS : 1.0h
	Sustainable development, life cycle analyses, eco-conception	1077_2 - Sustainable development, life cycle analyses, eco-conception ┆ Cours : 6.0h ┆ TD : 6.0h (x2) ┆ DS : 1.0h
	English test	1156_1 - English test ┆ DS : 3.0h
	English language level validation ┆ 3 ECTS	
UE_1811 - Leather 1 ┆ 7 ECTS	Introduction to shoes and leather goods	1101_1 - Introduction to shoes and leather goods ┆ Cours : 14.0h ┆ DS : 1.0h
		1201_1 - Cutting practical ┆ TP : 10.5h ┆ DS : 0.5h
	Leather characterisation practical	1332_1 - Leather characterisation practical ┆ TP : 14.0h
	Leather raw materials	1097_1 - Leather raw materials ┆ Cours : 8.0h ┆ DS : 1.0h
	Skin biology	1096_1 - Skin biology ┆ Cours : 14.0h ┆ DS : 1.0h

UE_1812 - Leather 2 ┆ 6 ECTS	Beamhouse operations	1098_1 - Beamhouse operations ┆ Cours : 8.0h ┆ DS : 1.0h
		1099_1 - Beamhouse process ┆ Cours : 15.0h ┆ DS : 1.0h
	Beamhouse operations practical	1100_1 - Beamhouse operations practical ┆ TP : 17.5h
	Leather conferences and visits 1	0151_1 - Vegetable tanning ┆ DS : 1.0h ┆ E-learning : 4.0h
		0151_2 - Machine conf ┆ Cours : 4.0h ┆ DS : 1.0h
		0151_3 - Company visits ┆ Cours : 10.0h
UE_1813 - Leather 3 ┆ 7 ECTS	Tanning and wet process	0099_2 - Fat liquoring ┆ Cours : 8.0h
		1099_3 - Tanning and wet-end process ┆ Cours : 15.0h ┆ DS : 2.0h
		1144_1 - Wet process - chemical aspects ┆ Cours : 10.0h ┆ DS : 1.0h
	Wet end and colours practical	1154_1 - Retanning – dyeing - fatliquoring practical ┆ TP : 17.5h
		1170_1 - Colours practical ┆ TP : 14.0h
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 ┆ 2 ECTS	Art, culture and science	0005_2 - Art, culture and science
MO_0803 - Innovation contest s8 ┆ 2 ECTS		