

Unité d'Enseignement	Elément Constitutif d'UE	Unité de Cours
UE_1901 - Engineering internship ┆ 8 ECTS	Engineering internship	1119_1 - Engineering internship ┆ DS : 1.0h
UE_1902 - Engineer in a company 7 ┆ 3 ECTS	Humanities 3 : work environment of engineering	0048_2 - Informations security ┆ Cours : 3.0h (x2)
	Preparation for a professional career - employment	1048_1 - Humanities 3 : work environment of engineering ┆ Cours : 9.0h ┆ TD : 2.0h (x4)
	Professional english	1161_1 - Preparation for a professional career - employment ┆ TD : 8.0h (x4)
UE_1903 - Engineer in a company 8 ┆ 4 ECTS	Discrimination and gender equality at work	1114_1 - Professional english ┆ TD : 20.0h (x2)
	Hr management	1051_1 - Discrimination and gender equality at work ┆ Cours : 6.0h
	Quality	1110_1 - Hr management ┆ Cours : 21.0h (x3) ┆ DS : 2.0h
UE_1904 - Research and innovation 3 ┆ 4 ECTS	Quality	1108_1 - Quality ┆ Cours : 6.0h ┆ TD : 8.0h (x2)
	Research project	1105_1 - Research project ┆ Projet : 120.0h
UE_1931 - Plastic materials 4 ┆ 4 ECTS	Composites and textile reinforcements	1331_1 - Composites and textile reinforcements ┆ Cours : 12.0h ┆ DS : 1.5h
	Sd&sr applied to pm	1059_1 - Sd&sr applied to pm ┆ Cours : 12.0h ┆ DS : 1.0h
	Extrusion 2	1073_1 - Film, sheet and plate extrusion ┆ Cours : 6.0h ┆ DS : 2.0h
		1073_2 - Twin-screw extrusion ┆ Cours : 6.0h
		1073_4 - Blowing extrusion and other processes ┆ Cours : 6.0h

	Plastic manufacturing practical	1128_1 - Implementation, characterization rheology simulation_cao practical └ TP : 73.0h
UE_1932 - Plastic materials 5 └ 4 ECTS	Finishing techniques/interactions	1162_1 - Enduction └ Cours : 3.0h
		1165_1 - Pm decoration and paints └ Cours : 8.0h └ DS : 1.0h
		1165_2 - Assembling └ Cours : 8.0h └ DS : 2.0h
		1165_4 - Pm bonding └ Cours : 4.0h
		1165_5 - Container / content interactions └ Cours : 4.0h
		Injection 2
	Pm conferences	1124_1 - Pm conferences └ Cours : 10.0h └ DS : 0.5h
UE_1933 - Plastic materials 6 └ 3 ECTS	Computer aided conception - rheology simulations	1126_1 - Introduction to software └ Cours : 8.0h └ DS : 2.0h
		1126_2 - Result interpretation └ Cours : 4.0h
	Part and mould conception	1120_1 - Part and mould conception └ Cours : 66.0h └ DS : 2.0h
	Thermal	0153_1 - Thermal └ Cours : 4.0h
MO_0442 - Student involvement 23-24 └ 2 ECTS	Student involvement	0005_1 - Student involvement └ TD : 6.0h └ Projet : 14.0h