

#### Block view of the study programme

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#### Block 1

##### Information

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##### Compulsory courses

BIOL2046-1	<i>Biology of the skin and mucus membranes and clinical dermatology</i> - <i>Histology and physiology of the skin and mucous membranes</i> - Pascale QUATRESOOZ, Bertrand RICHERT - <i>Cutaneous microbiology, immunology of the skin and mucous membranes, allergology</i> - Bita DEZFOULIAN, Véronique FONTAINE - <i>Clinical dermatology</i> - Chantal DANGOISSE - <i>Treatment of specific skin diseases</i> - Lara EL HAYDERI, Arjen NIKKELS	20	10	-	<b>10</b>	
COSM0445-1	<i>Cosmetic form technology</i> - <i>Special technology: Hygiene products (body care and oral care), care products. New course: Personal care products, cosmetic products (decorative cosmetics), hair colouring products, sun products, aerosols</i> - Alain DHAESE, Jonathan GOOLE, Nicole HABRAN, Géraldine PIEL, Nathalie WAUTHOZ, Schuch WERNER - <i>Industrial microbiology</i> - Véronique FONTAINE	Q2	55	25	-	<b>10</b>
QUAL0724-1	<i>Knowledge of raw materials and control methods</i> - <i>Knowledge of ingredients : fats, surfactants, silicones, perfumes, polymers</i> - Jonathan GOOLE, Alain JONCHERAY, Léon MARTEAUX, Hélène MAVAR, Géraldine PIEL - <i>Packaging materials</i> - Laurence DENIS - <i>Substances of natural origin</i> - Michel FREDERICH, Caroline STREVIGNY - <i>Quality assurance, checking the quality of raw materials and end products, approving analytical methods, GMP and GLP</i> - Philippe HUBERT, Roland MARINI DJANG'EING'A	Q1	50	-	-	<b>10</b>
LEGI1004-1	<i>Regulatory, ethical and commercial aspects</i> - <i>Legislation and technical information file</i> - Nicolas COLTEL, Joëlle MEUNIER - <i>Industrial property</i> - Fabien SCUVIE - <i>Objectivation of properties (claims), responsible advertising and commercial communication</i> - Frédéric WARZEE - <i>In vitro and volunteer tests</i> - Virginie CAPRASSE - <i>Marketing</i> - Philippe DELSTANCHE	Q1	15	5	-	<b>5</b>
TOXI0705-1	<i>Side effects and toxic risks</i> - <i>Experimental toxicology</i> - Corinne CHARLIER, Patrice CHIAP - <i>Risk assessment for the ecosystem and for humans</i> - Véra ROGIERS - <i>Alternative methods to animal testing</i> - Véronique MATHIEU - <i>Cosmetovigilance</i> - Joëlle MEUNIER	Q1	10	-	-	<b>5</b>
MMEM9010-1	<i>Placement and final thesis</i> - COLLÉGIALITÉ	Q2	-	-	-	<b>20</b>

**Optional free courses**

TECH1005-1	<i>Add-on module</i>	Q1		<b>5</b>
	- <i>Introduction to formulation</i> - Jonathan GOOLE	15	-	-
	- <i>Introduction to physicochemistry</i> - Nathalie WAUTHOZ	10	-	-
	- <i>Methods of analysis</i> - Marianne FILLET, AnneCatherine SERVAIS	15	-	-
	- <i>Statistics</i> - AnneFrançoise DONNEAU	10	-	-