

## First Year

First semester

### Compulsory courses

MEDE0430-1	<i>Biomedical research history</i> - Vincent GEENEN	15	-	-	2
LANG0130-1	<i>Scientific English Practice (note-taking)</i> - Christine FILOT, Vincent SEUTIN	5	25	-	3
LABO0432-1	<i>Techniques for cells and tissue cultures</i> - Marie-Claire GILLET	5	20	-	3
COMU0430-2	<i>Communication Techniques</i> - Robert LEJEUNE	15	20	-	3
SBIM0486-2	<i>Experimental methodologies in living animals</i> - Pierre DRION	25	10	-	4
BIOL0431-2	<i>Complements of normal and pathological cellular regulation</i> - Agnès NOËL, Rose WINKLER	20	-	-	3
LABO0433-2	<i>Modern Morphological Methods in Biomedical Research</i> - Roland GREIMERS	30	-	-	3
SANG0430-2	<i>Hematology</i> - André GOTHOT	20	-	-	3
INFO0430-2	<i>Notions of bioinformatics</i> - Olivier PEULEN	10	10	-	2
NEUR0432-1	<i>Neurobiology</i> - Pierre LEPRINCE	20	10	-	3
GENE0431-1	<i>Complements of genomics</i> - Michel GEORGES	20	10	-	3

2nd Semester

### Compulsory courses

RADL0440-1	<i>Radiobiology</i> - Chantal HUMBLET, Philippe MARTINIVE	30	10	-	4
CHIM0440-2	<i>Complements of medical Chemistry</i> - Jean-Paul CHAPELLE	20	10	-	3
TOXI0432-1	<i>Toxicology complements</i> - Corinne CHARLIER, Raphaël DENOZ	10	10	-	3
CHIM0433-1	<i>Proteomics</i> - Edwin DE PAUW, Marianne FILLET, Pierre LEPRINCE	20	10	-	3
<b>Specific Module</b>					
MSTG0430-3	<i>Placement in laboratory</i> - COLLÉGIALITÉ - [140h Internship]	5	-	[+]	15

## Second Year

### Compulsory courses

STAT0750-1	<i>Multivariate statistical analysis</i> - Adelin ALBERT	10	10	-	1
MMEM0440-1	<i>Final thesis</i> - COLLÉGIALITÉ	-	-	-	29

### Compulsory courses

Note : Courses COSM0430, COSM0434, COSM0436, COSM0439, COSM0442 could be given in English.

Coordinator : Gérald PIERARD

COSM0430-1	<i>Non-invasive in vivo biometrology applied to the evaluation of the tolerance of products applied to the skin, dander and mucous membranes</i> - Gérald PIERARD	15	15	-	2
COSM0431-1	<i>Environment, life cycle of products and biodegradation</i> - Jean-François HERMANNNS	15	-	-	2
COSM0432-1	<i>Functions and physico-chemical properties of raw materials in cosmetology</i> - Géraldine PIEL	15	-	-	2
COSM0433-2	<i>Intolerance and cutaneous cancerogenesis relating to cosmetics</i> - Claudine FRANCHIMONT, Gérald PIERARD	10	-	-	2
COSM0434-1	<i>Cosmetology : Belgian, European and extra-European regulation, copyright and patents</i> - Joëlle MEUNIER	10	5	-	2
COSM0435-1	<i>Ex vivo testing methods on the corneal layer, hair and nails</i> - Claudine FRANCHIMONT, Gérald PIERARD	5	10	-	2
COSM0436-2	<i>In vitro alternatives to animal experimentation, predicting the effectiveness and toxic risks of cosmetics</i> - Gérald PIERARD	10	5	-	2
EPID0430-1	<i>Methodology of Clinical Trials</i> - André SCHEEN	10	-	-	2
COSM0437-1	<i>Physiology, immunology and microanatomie of skin, dander, mucous membranes and teeth</i> - Gérald PIERARD - Suppl : Pascale QUATRESOOZ	30	-	-	3
COSM0438-2	<i>Principles of formulation applied to cosmetology, 15h Th, 30h Pr</i> - Géraldine PIEL	15	20	-	3
COSM0439-1	<i>Issues in microbiology in cosmetology</i> - Pierrette MELIN	15	-	-	2
COSM0440-1	<i>Special questions relating to different types of cosmetics and cosmeceuticals</i> - Claudine FRANCHIMONT, Gérald PIERARD	15	-	-	2
COSM0441-1	<i>Systemic toxic risks linked to cosmetics</i> - Corinne CHARLIER	15	-	-	2
COSM0442-1	<i>Xenobiotics and living cells</i> - Christian GRANDFILS	15	-	-	2