



an Erasmus Mundus Joint Master

# TEACHING PROGRAM 2025 – 2027



EMOTION



# FIRST YEAR

## first term (all students)

SUBJECT	ECTS*	Teaching Unit Structure		
		Teaching (hours)	Practicals (hours)	Individual work (hours)
Anatomy and physiology of skin and appendages	4	18	12	70
Pathological mechanisms of skin disorders	5	24	12	89
Statistics, data analysis and epidemiology	5	24	12	89
Understanding R&D	2	12		38
Organic chemistry: theory and practice	6	24	24	102
Regulation of cosmetics, drugs and medical devices	3	18		57
Value assessment and market access	3	18		57
<b>Total</b>	<b>28</b>	<b>138</b>	<b>60</b>	<b>502</b>

\* At UPO 1 ECTS = 25 hours

# FIRST YEAR

## second term (all students)

SUBJECT	ECTS*	Teaching Unit Structure		Individual work (hours)
		Teaching (hours)	Practicals (hours)	
Medicinal chemistry and pharmacology of dermatological drugs	5	30		95
Protein science and molecular modelling	5	30		95
Principles of formulation	6	24	24	102
Dermatology	5	30		95
Analysis for quality control	3	12	12	51
Natural products and sustainability in R&D	6	18	36	96
<b>Total</b>	<b>30</b>	<b>144</b>	<b>72</b>	<b>534</b>

\* At UPO 1 ECTS = 25 hours

SUBJECT	YEAR/TERM	ECTS	Teaching Unit Structure		
			Seminars (hours)	Practicals (hours)	Individual work (hours)
<u>An introduction to the markets of cosmetic products, dermatological drugs and medical devices</u>	I/I (Italy, UPO)	2	12		38

# SECOND YEAR

first term (OPTION A – UMH)  
Non-clinical Development

SUBJECT	ECTS*	Teaching Unit Structure		
		Teaching (hours)	Practicals (hours)	Individual work (hours)
Development of new skin care products	3	12	12	51
Analytical techniques for skincare products and ingredients	4	12	24	64
In vitro skin models for testing and evaluation	7	18	48	109
Safety evaluation	3	12	12	51
New technologies in skin care products design and development	3	12	12	51
<b>Total</b>	<b>20</b>	<b>66</b>	<b>108</b>	<b>326</b>

\* At UMH 1 ECTS = 25 hours

# TUTORED WORK



SUBJECT	YEAR	TERM	ECTS	TOTAL HOURS
Protecting intellectual property and starting up a company	Second	First	4	100
Design thinking to problem solving	Second	First	3	75

SUBJECT	YEAR/TERM	ECTS	Teaching Unit Structure		
			Seminars (hours)	Practicals (hours)	Individual work (hours)
Business Plan and Entrepreneurship	II/I (Spain, UMH)	3	18		57

SUBJECT	ECTS*	Teaching Unit Structure		
		Teaching (hours)	Practicals (hours)	Individual work (hours)
Clinical trials	6	24+30		126
Quality assurance: GMP, GCP, GLP and auditing	3	24		66
Bioethics	2	18		42
Critical Analysis of Clinical Trials	3	20		70
Clinical research associate training	2	15		45
Clinical project management	2	12		48
Biomarkers and surrogate markers in clinical dermatology trials	2	12		48
Meta-analysis of interventional studies	3	24		66
<b>Total</b>	<b>23</b>	<b>179</b>		<b>511</b>

\* At UNamur 1 ECTS = 30 hours



# TUTORED WORK



SUBJECT	YEAR	TERM	ECTS	TOTAL HOURS
A case of study of clinical trials	Second	First	4	120



# WORKSHOP

SUBJECT	YEAR/TERM	ECTS	Teaching Unit Structure		
			Seminars	Practicals (hours)	Individual work (hours)
Dermatology in 21st century	II/I (Belgium, UNAMUR)	3	18		72

**SECOND YEAR**  
second term  
FINAL ELECTIVE PROJECT



	YEAR	TERM	ECTS	WEEKS
INTERNSHIP	Second	Fourth	30	22 to 26

<https://www.emotion-master.eu/internship-in-the-fourth-semester/>