

#### an Erasmus Mundus Joint Master

# **TEACHING PROGRAM 2025 – 2027**











# **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	
Total	28	138	60	502	

<sup>\*</sup> At UPO 1 ECTS = 25 hours



### **FIRST YEAR** second term (all students) EMOTION



SUBJECT	ECTS*	Teaching Unit Structure		
		Teaching (hours)	Practicals (hours)	Individual work (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
Total	30	144	72	534

\* At UPO 1 ECTS = 25 hours

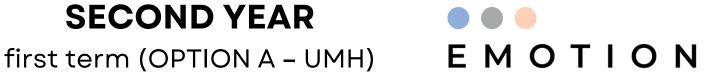




SUBJECT	YEAR/TERM	ECTS	Teaching Unit Structure			
			Seminars (hours)	Practicals (hours)	Individual work (hours)	
An introduction to the markets of cosmetic products, dermatological drugs and medical devices	I/I (Italy, UPO)	2	12		38	



#### **SECOND YEAR**



## 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	
Total	20	66	108	326	

<sup>\*</sup> At UMH 1 ECTS = 25 hours



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



### UNIVERSITAS Miguel Hernández WORKSHOP



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



#### **SECOND YEAR**



# first term (OPTION B – UNamur) **E M O T I O N**Clinical Development

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	20		40	
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	
Total	23	181		509	

<sup>\*</sup> At UNamur 1 ECTS = 30 hours



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/