

**CURRICULUM – 1st year
2024-2025**

UNIVERSITY	GEORGE EMIL PALADE UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MUREȘ	SPECIALISATION	MEDICAL COSMETICS AND COSMETIC PRODUCT TECHNOLOGY
FACULTY	FACULTY OF PHARMACY	TITLE	GRADUATE IN AESTHETIC DERMOTHERAPY
FIELD OF STUDY	HEALTH	DURATION	3 YEARS
LEVEL OF REGULATION	GENERAL	ECTS	60+2 / YEAR - 180+2 / COMPLETION OF STUDIES

No	Educational activities Subjects	Code/ Type of subjects *	I st Semester								II nd Semester								Total per academic year			
			1 st Module (7 weeks)				2 nd Module (7 weeks)				3 rd Module (7 weeks)				4 th Module (7 weeks)				Lect.	Lect.	Indiv. study	ECTS
			Lec t.	PA/ Sem.	ECTS	Type of Assess ment	Lect.	PA/ Sem.	ECTS	Type of Assess ment	Lect.	PA/ Sem .	ECTS	Type of Asses sment	Lect.	PA/ Sem.	ECTS	Type of Assess ment				
1.	Applied Physics and Biophysics	CMT110/FS	2	2	3	E	-	-	-	-	-	-	-	-	-	-	-	-	14	14	47	3
2.	Cosmetic, Pharmaceutical and Medical Terminology	CMT104/SS	4	-	3	E	-	-	-	-	-	-	-	-	-	-	-	-	28	-	47	3
3.	Technical-medical Products		4	-	3	E													28	-	47	3
4.	Heterogeneous Dispersed Systems	CMT112/DS	2	2	3	V	-	-	-	-	-	-	-	-	-	-	-	-	14	14	47	3
5.	Mathematics and Calculation Skills	CMT131/FS	2	-/2	2	V	-	-	-	-	-	-	-	-	-	-	-	-	14	-/14	22	2
6.	Chemistry of Pharmaceutical and Cosmetic Ingredients **	CMT126-127-128/SS-SS-SS	-	-	-	-	4	2	4	E	4	2	5	E	4	2	5	E	84	42	249	15
7.	Normal and Pathological Anatomy and Physiology	CMT102/FS	-	-	-	-	4	4	4	E	-	-	-	-	-	-	-	-	28	28	69	5
8.	Basics of Dermatology Applied in Cosmetology	CMT122/SS	-	-	-	-	2	4	3	E	-	-	-	-	-	-	-	-	14	28	58	4
9.	Histology and Histopathology of the Skin	CMT108/FS	-	-	-	-	2	2	3	V	-	-	-	-	-	-	-	-	14	14	47	3
10.	Health Promotion	CMT132/DS	-	-	-	-	-	-	-	-	2	-	2	E	-	-	-	-	14	-	36	2
11.	First Aid and Medical Emergencies	CMT113/DS	-	-	-	-	-	-	-	-	2	-	2	V	-	-	-	-	14	-	36	2
12.	Foreign Languages	CMT114-124/CS	-	-	-	-	-	-	-	-	-	-/4	2	V	-	-/4	2	V	-	-/56	44	4
13.	Physical Education	CMT115-125/CS	-	-	-	-	-	-	-	-	-	4	1	V	-	4	1	V	-	56	(6)	2
14.	Hygiene - Prophylaxis and Epidemiology Concepts	CMT105/DS	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	E	14	14	47	3
15.	General Microbiology and Microbiology of the Cosmetic Product	CMT130/DS	-	-	-	-	-	-	-	-	-	-	-	-	4	2	4	E	28	14	58	4
16.	Informatics and Biostatistics	CMT133/CS	-	-	-	-	-	-	-	-	-	-	-	-	2	-/2	3	V	14	-/14	47	3
17.	Specialty Practice (4 weeks in the localities of residence) 35 hours (7 hours x 5 days)/week	CMT116/SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	V	-	140	(90)	2
18.	Optional Subject***	-	-	-	-	-	2	-	2	V	-	-	-	-	-	-	-	-	14	-	36	2
19.	Facultative Subject****										2	2	2	V					14	14	22	2
GRAND TOTAL			14	4/2	14	3E; 2V	14	12	16	3E; 2V	8	6/4	11+1+2	2E; 4V	12	10/6	19+1	3E; 4V	350	378/84	788	60+2+2
TOTAL HOURS/CREDITS			23 hours/ week; 30 ECTS								25 hours/ week; 30+2+2 ECTS								812			
***Optional subjects / a discipline of choice from:																						
Cell and Molecular Biology - CMT134.1/FS																						
Ethics and Academic Integrity - CMT134.2/CS																						
Ethics and Nondiscrimination - CMT134.3/CS																						
****Advanced Digital Skills – CMT135/CS																						

Ratio theory/ practical activity – 1 : 1,45

***FS**– fundamental subject; **SS** – specialty subject; **DS** – domain subject; **CS** – complementary subject

E – exam; **V** – verification; **PA** – practical activities, **Sem.** – seminar, **Indiv. study** – individual study, **ECTS** – Transferable European Credits

** **MII** – inorganic ingredients; **MIII** – organic ingredients; **MIV** – therapeutic ingredients

RECTOR,
Prof. Leonard Azamfirei, MD, PhD

VICERECTOR,
Prof. Anca Negovan, MD, PhD

DEAN,
Prof. Daniela-Lucia Muntean, PharmD

CHIEF SECRETARY,
Ec. Simona Biriș

**CURRICULUM – 2nd year
2024-2025**

UNIVERSITY	GEORGE EMIL PALADE UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MUREŞ	SPECIALISATION	MEDICAL COSMETICS AND COSMETIC PRODUCT TECHNOLOGY
FACULTY	FACULTY OF PHARMACY	TITLE	GRADUATE IN AESTHETIC DERMOTHERAPY
FIELD OF STUDY	HEALTH	DURATION	3 YEARS
LEVEL OF REGULATION	GENERAL	ECTS	60 / YEAR - 180+2 / COMPLETION OF STUDIES

No	Educational activities Subjects	Code/ Type of subjects *	I st Semester								II nd Semester								Total per academic year			
			1 st Module (7 weeks)				2 nd Module (7 weeks)				3 rd Module (7 weeks)				4 th Module (7 weeks)				Lect.	Lect.	Indiv. study	ECTS
			Lect.	PA/ Sem.	ECTS	Type of Assess ment	Lect.	PA/ Sem.	ECTS	Type of Assess ment	Lect.	PA/ Sem.	ECTS	Type of Assess ment	Lect.	PA/ Sem.	ECTS	Type of Assess ment				
1.	Chemistry of Pharmaceutical and Cosmetic Ingredients **	CMT223/SS	4	2	4	E	-	-	-	-	-	-	-	-	-	-	-	-	28	14	58	4
2.	Medicinal Plants, Herbal Drugs and Phytopreparations in Cosmetology	CMT224/SS	2+4	2+4	5	E	-	-	-	-	-	-	-	-	-	-	-	-	42	42	41	5
3.	Methodology of Scientific Research	CMT207/CS	2	2	3	V	-	-	-	-	-	-	-	-	-	-	-	-	14	14	47	3
4.	Semiology and Clinical Pathology	CMT225/DS	2	-	2	V	-	-	-	-	-	-	-	-	-	-	-	-	14	-	36	2
5.	Basics of Biochemistry	CMT205/FS	2	2	3	V	-	-	-	-	-	-	-	-	-	-	-	-	14	14	47	3
6.	Elements and Techniques of Communication	CMT226/CS	-	-	-	-	4	2	3	E	-	-	-	-	-	-	-	-	28	14	33	3
7.	Immunology and Allergology	CMT221/DS	-	-	-	-	2	-	2	V	-	-	-	-	-	-	-	-	14	-	36	2
8.	Infectious Diseases	CMT227/DS	-	-	-	-	2	2	2	V	-	-	-	-	-	-	-	-	14	14	22	2
9.	Technology of Cosmetics and Pharmaceuticals Products	CMT202- 216-228/SS	-	-	-	-	4	4	4	E	4	4	4	E	4	4	4	E	84	84	132	12
10.	Cosmetic Equipment, Products and Techniques	CMT203- 218/SS	-	-	-	-	-	-	-	-	4	4	4	E	4	4	4	E	56	56	88	8
11.	Nutrition and Diet Therapy	CMT206/DS	-	-	-	-	-	-	-	-	4	2	3	E	-	-	-	-	28	14	33	3
12.	Marketing and Legislation	CMT222/CS	-	-	-	-	-	-	-	-	4	-	2	V	-	-	-	-	28	-	22	2
13.	Relaxation and Massage Techniques	CMT229/SS	-	-	-	-	-	-	-	-	2	2	2	V	-	-	-	-	14	14	22	2
14.	Technical-medical Products	CMT211/SS	-	-	-	-	-	-	-	-	-	-	-	-	4	-	3	E	28	-	47	3
15.	Deontology and Professional Ethics	CMT208/CS	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	V	14	-	36	2
16.	Specialty Practice (4 weeks in the localities of residence) 35 hours (7 hours x 5 days)/week	CMT213/SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	V	-	140	(90)	2
17.	Optional Subject***	CMT230/OPT	-	-	-	-	2	-	2	V	-	-	-	-	-	-	-	-	14	-	36	2
GRAND TOTAL			16	12	17	2E; 3V	14	8	13	2E; 3V	18	12	15	3E; 2V	14	8	15	3E; 2V	434	420	646	60
TOTAL HOURS/CREDITS			25 hours/ week; 30 ECTS								26 hours/ week; 30 ECTS								854			
***Optional subjects / a discipline of choice from:																						
Interactions in the Dermato-cosmetic Product - CMT230.1/SS																						
Hygiene Products. Hair and Nails Care Products - CMT230.2/SS																						

Ratio theory/ practical activity – 1 : 0,96

*FS– fundamental subject; SS – specialty subject; DS – domain subject; CS – complementary subject

E – exam; V – verification; PA – practical activities, Sem. – seminar, Indiv. study – individual study, ECTS – Transferable European Credits

MI – therapeutic ingredients

RECTOR,
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Prof. Daniela-Lucia Muntean, PharmD

CHIEF SECRETARY,
Ec. Simona Biris

CURRICULUM – 3rd year
2024-2025

UNIVERSITY	GEORGE EMIL PALADE UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MUREŞ	SPECIALISATION	MEDICAL COSMETICS AND COSMETIC PRODUCT TECHNOLOGY
FACULTY	FACULTY OF PHARMACY	TITLE	GRADUATE IN AESTHETIC DERMOTHERAPY
FIELD OF STUDY	HEALTH	DURATION	3 YEARS
LEVEL OF REGULATION	GENERAL	ECTS	60 / YEAR; 180+2 / COMPLETION OF STUDIES + 10 ECTS GRADUATION OF BACHELOR'S DEGREE EXAM

No	Educational activities Subjects	Code/ Type of subjects *	I st Semester								II nd Semester								Total per academic year			
			1 st Module (7 weeks)				2 nd Module (7 weeks)				3 rd Module (7 weeks)				4 th Module (7 weeks)				Lect.	Lect.	Indiv. study	ECTS
			Lect.	PA/ Sem.	ECTS	Type of Assessm ent	Lect.	PA/ Sem.	ECTS	Type of Assessm ent	Lect.	PA/ Sem.	ECTS	Type of Assessm ent	Lect.	PA/ Sem.	ECTS	Type of Assessm ent				
1.	Dermato-cosmetic toxicology	CMT302/SS	4	4	3	E	-	-	-	-	-	-	-	-	-	-	-	-	28	28	19	3
2.	Analysis of the dermato-cosmetic product	CMT303/SS	4	4	4	E	-	-	-	-	-	-	-	-	-	-	-	-	28	28	44	4
3.	Cosmetovigilance	CMT312/SS	2	-	2	E	-	-	-	-	-	-	-	-	-	-	-	-	14	-	36	2
4.	Perfumes and aromatherapy	CMT311/SS	2	-	2	V	-	-	-	-	-	-	-	-	-	-	-	-	14	-	36	2
5.	Behavioral Sciences. Medical psychology. Medical sociology	CMT315/CS	2	-	2	V	-	-	-	-	-	-	-	-	-	-	-	-	14	-	36	2
6.	Preparations in Cosmetic and Pharmaceutical Industry	CMT316/SS	-	-	-	-	4	4	3	E	-	-	-	-	-	-	-	-	28	28	19	3
7.	Care products and procedures	CMT305/SS	-	-	-	-	4	4	4	E	-	-	-	-	-	-	-	-	28	28	69	5
8.	Corrective and anti-aging cosmetic techniques	CMT314/SS	-	-	-	-	2	2	3	E	-	-	-	-	-	-	-	-	14	14	72	4
9.	Corrective and decorative cosmetics	CMT307/SS	-	-	-	-	2	2	3	V	-	-	-	-	-	-	-	-	14	14	72	4
10.	Biological products	CMT317/SS					2	-	2	V												
11.	Professional traineeship	CMT313/SS	-	-	-	-	-	-	-	-	-	40	-	-	-	40	30	E	-	536***	214	30
12.	Optional subject **	CMT318/OPT	-	-	-	-	2	-	2	V	-	-	-	-	-	-	-	-	14	-	36	2
GRAND TOTAL			14	8	13	3E; 2V	16	12	17	3E; 3V	-	40	-	-	-	40	30	1E; - V	210	700	590	60
TOTAL HOURS/CREDITS			25 hours/week; 30 ECTS								40 hours/week; 30 ECTS								910			
** Optional subjects / a discipline of choice from:																						
Elements of Pharmacology in Dermatocosmetology – CMT318.1/SS																						
Applied Cosmetology for Special Populations – CMT318.2/SS																						

Elaboration of the bachelor's thesis 56 hours in 2nd semester

Ratio theory/ practical activity 1 : 4,38 (calculated with specialized internship)

*FS– fundamental subject; SS – specialty subject; DS – domain subject; CS – complementary subject

E – exam; V – verification; PA – practical activities, Sem. – seminar, Int. – internship, Pr. – project, Indiv. study – individual study, ECTS – Transferable European Credits

***536 hours = (7 weeks x 40 hours = 280 hours + 8 weeks x 32 hours = 256 hours); 40 hours = 5 days/week x 8 hours/day; 32 hours = 4 days/week x 8 hours/day

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