

**CURRICULUM – 1st year
2024-2025**

UNIVERSITY	GEORGE EMIL PALADE UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MUREȘ	SPECIALIZATION	QUALITY OF DRUG, FOOD, AND THE ENVIRONMENT
FACULTY	FACULTY OF PHARMACY	TITLE	SPECIALIST OF DRUG, FOOD, AND ENVIRONMENTAL QUALITY
FIELD OF STUDY	PHARMACY	DURATION	1AN
LEVEL OF REGULATION	LEVEL 7	ECTS	60 / YEAR; 60 / COMPLETION OF STUDIES + 10 ECTS GRADUATION OF MASTER'S DEGREE EXAM

No	Educational activities Subjects	Code/ Type of subjects*	1 st Semester								2 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.	PA/ Sem.	ECTS	Type of Assess- ment	Lect.	PA/ Sem .	ECTS	Type of Assess- ment	Lect.	PA/ Se m.	ECTS	Type of Assess- ment	Lect.	PA/ Sem.	ECTS	Type of Assess- ment	Lect.	PA/ Sem.	Ind. study	ECTS
1.	Analytical Separatology	CMA103/AKS	4	4	7	E	-	-	-	-	-	-	-	-	-	-	-	-	28	28	119	7
2.	Microbiological Control and Immunoenzymatic Techniques	CMA104/DS	2	4	6	E	-	-	-	-	-	-	-	-	-	-	-	-	14	28	108	6
3.	General Principles of Analytical Techniques and Chemometrics	CMA101/DS	-	-	-	-	4	2	7	E	-	-	-	-	-	-	-	-	28	14	133	7
4.	Advanced Spectroscopy and Thermal Analysis Techniques	CMA102/AKS	-	-	-	-	2	2	6	E	-	-	-	-	-	-	-	-	14	14	122	6
5.	Ecotoxicology	CMA106/DS	-	-	-	-	2	2	4	E	-	-	-	-	-	-	-	-	14	14	72	4
6.	Ethics and Academic Integrity	CMA105/SS	-	-	-	-	-	-	-	-	2	-	4	E	-	-	-	-	14	-	86	4
7.	Environmental Protection	CMA108/SS	-	-	-	-	-	-	-	-	4	4	5	E	-	-	-	-	28	28	69	5
8.	Expertise in Drugs and Other Health Products	CMA114/AKS	-	-	-	-	-	-	-	-	4	2	4	V	-	-	-	-	28	14	58	4
9.	Nutritional Biochemical Factors	CMA115/AKS	-	-	-	-	-	-	-	-	-	-	-	-	4	2	5	E	28	14	83	5
10.	Clinically Relevant Drug Interactions	CMA116/AKS	-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	V	14	-	86	4
11.	Specialty Practice/Projects**	CMA117/SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	V	-	70/14	16	4
12.	Optional Subject***		-	-	-	-	-	-	-	-	-	-	-	-	2	-	4	V	14	-	86	4
13.	Research Activity and Dissertation Writing	CMA118/SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
GRAND TOTAL			6	8	13	2E;-V	8	6	17	3E;-V	10	6	13	2E;1V	8	2	17	1E;3V	224	224/14	1038	60
TOTAL HOURS/CREDITS			14 hours/ week; 30 ECTS								13 hours/ week; 30 ECTS								462			
***Optional Subject / one subject of choice from:																						
Health Services and Products Management		CMA119/DS																				
Project Management		CMA120/DS																				

Elaboration of dissertation thesis: 56 hours in 1st and IInd semester

Ratio theory/practical activities 1 : 1,06

* **DS** – deepening subject; **SS** – synthesis subject; **AKS** – advanced knowledge subject / **5 DS + 4 SS + 5 AKS = 14**

** Integrated professional practice = 7 weeks x 5 hours/day x 2 days/week = 70 hours

E – exam; **V** – verification ; **Lect.**- Lecture; **PA** – practical activities; **ECTS** – Transferable European Credits; **Ind. study** – independent study

RECTOR,

Prof. Leonard Azamfirei, MD, PhD

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Prof. Anca Negovan, MD, PhD

DEAN,

Prof. Daniela-Lucia Muntean, PharmD

PROGRAM COORDINATOR,

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