

**CURRICULUM – 1st year
2024-2025**

UNIVERSITY	GEORGE EMIL PALADE UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MUREȘ	SPECIALISATION	PHARMACY ASSISTANCE (AT BISTRIȚA)
FACULTY	FACULTY OF PHARMACY	TITLE	LICENSED PHARMACY ASSISTANT
FIELD OF STUDY	HEALTH	DURATION	3 YEARS
LEVEL OF REGULATION	SECTORIAL	ECTS	60+2 / YEAR; 180+2/ COMPLETION OF STUDIES

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.	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.	Human Physiology. Pathophysiology	AFB102; AFB103/FS	3	3	3	E	3	3	4	E	-	-	-	-	-	-	-	-	42	42	91	7
2.	Human Anatomy	AFB101/FS	3	3	4	E	-	-	-	-	-	-	-	-	-	-	-	-	21	21	58	4
3.	Descriptive and Metabolic Biochemistry	AFB115/DS	3	3	3	V	-	-	-	-	-	-	-	-	-	-	-	-	21	21	33	3
4.	First aid	AFB104/DS	2	2	3	V	-	-	-	-	-	-	-	-	-	-	-	-	14	14	47	3
5.	Chemical Foundations of Drugs ** (Inorganic Chemistry, Organic Chemistry)	AFB109; AFB110/DS	-	-	-	-	2	3	3	E	3	4	4	E	-	-	-	-	35	49	91	7
6.	Medicinal Plants	AFB106; AFB107/DS	-	-	-	-	2	3	3	E	-	-	-	-	2	4	3	E	28	49	73	6
7.	Parapharmaceutical and Technico-medical Products	AFB108/SS	-	-	-	-	2	-/2	3	V	-	-	-	-	-	-	-	-	14	-/14	47	3
8.	Foreign Languages	AFB117/CS	-	-	-	-	-	-/4	2	V	-	-	-	-	-	-	-	-	-	-/28	22	2
9.	Instrumental Analysis Techniques	AFB111/DS	-	-	-	-	-	-	-	-	4	4	5	E	-	-	-	-	28	28	69	5
10.	Mathematics. Calculation Skills	AFB105/FS	-	-	-	-	-	-	-	-	2	-/2	3	V	-	-	-	-	14	-/14	47	3
11.	Pharmaceutical and Medical Terminology	AFB112/DS	-	-	-	-	-	-	-	-	2	-/2	3	V	-	-	-	-	14	-/14	47	3
12.	Physics	AFB113/FS	-	-	-	-	-	-	-	-	2	4	3	V	-	-	-	-	14	28	33	3
13.	Plant Products	AFB114/SS	-	-	-	-	-	-	-	-	-	-	-	-	3	4	4	E	21	28	51	4
14.	Physico-Chemical Bases of Drug Preformulation	AFB116/DS	-	-	-	-	-	-	-	-	-	-	-	-	2	2	3	E	14	14	47	3
15.	Physical Education	AFB118/CS	-	-	-	-	-	-	-	-	-	-	-	-	-	4	2	V	-	28	22	2
16.	Specialty Practice (3 weeks, 5 days/week, 6 hours/day, total 90 hours)	AFB121/SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	V	-	90	(40)	2
17.	Optional subject***	AFB119/OPT	2	-	2	V	-	-	-	-	-	-	-	-	-	-	-	-	14	-	36	2
GRANDTOTAL			13	11	15	2E;3V	9	9/6	15	3E;2V	13	12/4	18	2E;3V	7	14	12+2	3E;2V	294	412/70	774	60+2
TOTAL HOURS/CREDITS			24 hours/week; 30 ECTS								25 hours/week; 30+2 ECTS								776			
***Optional subjects / a discipline of choice from:																						
History of Pharmacy		AFB119.1/CS	Advanced digital skills				AFB119.3/CS															
Ethics and Academic Integrity		AFB119.2/CS																				

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

**Module II Inorganic Chemistry, Module III Organic Chemistry

Ratio theory/ practical activity - 1:1,63

RECTOR,

Prof. Leonard Azamfirei, MD, PhD

VICIRECTOR,

Prof. Anca Negovan, MD, PhD

DEAN,

Prof. Daniela-Lucia Muntean, PharmD

CHIEF SECRETARY,

Ec. Simona Birș

**CURRICULUM – 2nd year
2024-2025**

UNIVERSITY	GEORGE EMIL PALADE UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MUREȘ	SPECIALISATION	PHARMACY ASSISTANCE (AT BISTRIȚA)
FACULTY	FACULTY OF PHARMACY	TITLE	LICENSED PHARMACY ASSISTANT
FIELD OF STUDY	HEALTH	DURATION	3 YEARS
LEVEL OF REGULATION	SECTORIAL	ECTS	60 / YEAR; 180+2/ COMPLETION OF STUDIES

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.	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.	Basics of Pharmaceutical Technology	AFB201; AFB202/SS	4	6	5	E	-	-	-	-	4	6	5	E	-	-	-	-	56	84	110	10
2.	Aromatherapy	AFB205/SS	2	2	3	E	-	-	-	-	-	-	-	-	-	-	-	-	14	14	47	3
3.	Medical Semiology	AFB207/DS	2	-/2	3	E	-	-	-	-	-	-	-	-	-	-	-	-	14	-/14	47	3
4.	Medical Informatics. Biostatistics	AFB203; AFB204/CS	2	2	3	V	-	-	-	-	-	-	-	-	2	2	2	V	28	28	69	5
5.	Bioethics and Deontology	AFB206/CS	2	-	2	V	-	-	-	-	-	-	-	-	-	-	-	-	14	-	36	2
6.	Cell and Molecular Biology	AFB208/FS	-	-	-	-	2	3	3	E	-	-	-	-	-	-	-	-	14	21	40	3
7.	Microbiology (Bacteriology. Virology. Parasitology)	AFB209/FS	-	-	-	-	3	3	3	E	-	-	-	-	-	-	-	-	21	21	33	3
8.	Pharmacology	AFB210; AFB211/SS	-	-	-	-	3	3	3	E	2	-/2	3	E	-	-	-	-	35	21/14	80	6
9.	Therapeutic Chemistry	AFB212/SS	-	-	-	-	-	-	-	-	3	3	3	E	-	-	-	-	21	21	33	3
10.	Elements of Pharmaceutical Management and Legislation	AFB213/CS	-	-	-	-	-	-	-	-	2	3	2	V	-	-	-	-	14	21	15	2
11.	Principles of Nutrition	AFB214/DS	-	-	-	-	-	-	-	-	-	-	-	-	2	-/2	3	E	14	-/14	47	3
12.	Bromatology	AFB215/DS	-	-	-	-	-	-	-	-	-	-	-	-	3	3	3	E	21	21	33	3
13.	Food Supplements	AFB216/SS	-	-	-	-	-	-	-	-	-	-	-	-	2	-/2	3	E	14	-/14	47	3
14.	Scientific Research Methodology	AFB217/CS	-	-	-	-	-	-	-	-	-	-	-	-	2	1	2	V	14	7	29	2
15.	Specialty Practice (3 weeks, 5 days/week, 6 hours/day, total 90 hours)	AFB224/SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	V	-	90	(40)	2
16.	Optional subject** pack 1	AFB218.1/OPT	-	-	-	-	2	-/2	2	V	-	-	-	-	-	-	-	-	14	-/14	22	2
17.	Optional subject** pack 2	AFB218.2/OPT-	-	-	-	-	3	3	3	V	-	-	-	-	-	-	-	-	21	21	33	3
18.	Optional subject** pack 3	AFB218.3/OPT-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	V	14	-	36	2
GRAND TOTAL			12	10/2	16	3E;2V	13	12/2	14	3E;2V	11	12/2	13	3E;1V	13	6/4	17	3E;4V	343	370/70		60
TOTAL HOURS/CREDITS			25,5 hours/week; 30 ECTS								24 hours/week; 30 ECTS								783			

**** Optional subjects / a discipline of choice from every pack:**

Optional subject – Pack 1	Code/ Type of subject*	Optional subject – Pack 2	Code/ Type of subject*	Optional subject – Pack 3	Code/ Type of subject*
Veterinary Drugs	AFB218.1.1/SS	Biological Drugs	AFB218.2.1/SS	Medical Psychology	AFB218.3.1/CS
Homeopathic Medicine	AFB218.1.2/SS	Biopharmacy	AFB218.2.2/SS	Behavioral Sciences. Medical Sociology	AFB218.3.2/CS

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Ratio theory/ practical activity – 1:1,28

RECTOR,
Prof. Leonard Azamfirei, MD, PhD

VICERECTOR,
Prof. Anca Negovan, MD, PhD

DEAN,
Prof. Daniela-Lucia Muntean, PharmD

CHIEF SECRETARY,
Ec. Simona Biris

**CURRICULUM – 3rd year
2025-2026**

UNIVERSITY	GEORGE EMIL PALADE UNIVERSITY OF MEDICINE, PHARMACY, SCIENCE AND TECHNOLOGY OF TÂRGU MUREȘ	SPECIALISATION	PHARMACY ASSISTANCE (AT BISTRIȚA)
FACULTY	FACULTY OF PHARMACY	TITLE	LICENSED PHARMACY ASSISTANT
FIELD OF STUDY	HEALTH	DURATION	3 YEARS
LEVEL OF REGULATION	SECTORIAL	ECTS	60 / YEAR; 180+2/ COMPLETION OF STUDIES 10 ECTS GRADUATION OF BACHELOR'S DEGREE EXAM

N o	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.	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.	Pharmacology	AFB301/SS	3	3	4	E	-	-	-	-	-	-	-	-	-	-	-	-	21	21	58	4
2.	Therapeutic Chemistry	AFB302/SS	3	3	4	E	-	-	-	-	-	-	-	-	-	-	-	-	21	21	58	4
3.	Cosmetic Products	AFB304/SS	3	3	3	E	-	-	-	-	-	-	-	-	-	-	-	-	21	21	33	3
4.	Phytotherapy	AFB303/SS	2	-/3	2	V	-	-	-	-	-	-	-	-	-	-	-	-	14	-/21	15	2
5.	Pharmaceutical Assistance. Medical Communication	AFB305/CS	2	-	2	V	-	-	-	-	-	-	-	-	-	-	-	-	14	-	36	2
6.	Elements of Toxicology	AFB306/SS	-	-	-	-	3	3	4	E	-	-	-	-	-	-	-	-	21	21	58	4
7.	Elements of Industrial Pharmaceutical Technology	AFB308/SS	-	-	-	-	3	3	4	E	-	-	-	-	-	-	-	-	21	21	58	4
8.	Drug Analysis	AFB309/SS	-	-	-	-	2	3	3	E	-	-	-	-	-	-	-	-	14	21	40	3
9.	Pharmaceutical Marketing	AFB307/CS	-	-	-	-	2	-/2	2	V	-	-	-	-	-	-	-	-	14	-/14	22	2
10.	Optional subject**	-	-	-	-	-	2	-/3	2	V	-	-	-	-	-	-	-	-	14	-/21	15	2
11.	Elaboration of Bachelor Thesis ***	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56	(56)	-
12.	Professional traineeship (in community pharmacies or in hospital pharmacies, 22 weeks, 4 days/week, 6 hours/day, total 528 hours)	AFB312/SS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	30	V	-	528	222	30
GRAND TOTAL			13	9/3	15	3E;2V	12	9/5	15	3E;2V	-	-	-	-	-	-	30	-E;1V	175	710/56	559	60
TOTAL HOURS/CREDITS			25,5 hours/week; 30 ECTS								24 hours/week; 30 ECTS								941			
** Optional subjects / a discipline of choice from:																						
Notions of Pharmacovigilance		AFB310/SS																				
Online Pharmacy		AFB311/SS																				

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***Elaboration of the bachelor thesis: 56 hours in 1st and 2nd semester

Ratio theory/ practical activity – 1:4,37 (calculated with professional traineeship)

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