

Comenius University in Bratislava
Faculty of Pharmacy

**Dean's Decree
No 1/2019**

**concerning the recommended study plan
at the Faculty of Pharmacy
of Comenius University in Bratislava**



Disclaimer:

This Decree has been issued by the Dean in the Slovak language. This English translation has been prepared for the convenience of the reader solely. In the event of any conflict between the Slovak version of the Decree and the subsequent English translation, the provisions of the Slovak version shall prevail.

Year 2019

1. Upon discussion in all relevant bodies of Comenius University in Bratislava, Faculty of Pharmacy (hereinafter referred to as the “Faculty”), the recommended study plan of the study programme *Pharmacy* in the field of study *Pharmacy* is changed, as specified in Annex No 1 of this Dean’s Decree. It also applies to the English version of the study programme.

2. Within the recommended study plan, there are also changes in the titles of some courses, their inclusion in obligatory, respectively obligatory elective courses, and in the number of credits awarded, as specified in Annexes 2 – 6.

3. The Faculty proceeds in the recognition and transfer, respectively repetition of particular obligatory courses according to the currently valid and effective recommended study plan as set out in this Dean’s Decree. The study structure of individual students is also determined and assessed.

4. An exception to the procedure under point 3 is the repeated enrolment of the unsuccessfully completed obligatory courses listed below, where the student is required to enrol for the same obligatory course per under the original recommended study plan. This procedure shall apply to the following courses:

- Mathematics (previously recommended for the 1st year of study)
- Pharmaceutical Propedeutics (previously recommended for the 1st year of study)
- Latin Language for Pharmacists (2) (previously recommended for the 1st year of study)
- Radiopharmaceuticals (previously recommended for the 3rd year of study)

5. The student enrolls obligatory elective courses and elective courses from the catalogue of open obligatory elective courses and elective courses for the respective academic year, which will be published on the Faculty website before enrolment in the relevant stage of the study.

6. Changes in the classification of courses and the number of credits resulting from changes to the recommended study plan shall take effect gradually from the academic year 2019/2020 as listed in the individual Annexes as follows:

- changes according to Annex No 2 take effect from the academic year 2019/2020;
- changes according to Annex No 3 take effect from the academic year 2020/2021;
- changes according to Annex No 4 take effect from the academic year 2021/2022;
- changes according to Annex No 5 take effect from the academic year 2022/2023;
- changes according to Annex No 6 take effect from the academic year 2023/2024.

In Bratislava September 2, 2019

prof. PharmDr. Pavel Mučaji, PhD.
Dean of the Faculty of Pharmacy

Recommended study plan of the study programme *Pharmacy*

1st year of study - Obligatory Courses	Teaching Extent			Credits
	L	S	P	
Winter Semester				
Farmaceutická fyzika (1) Pharmaceutical Physics (1)	2	0	2	5
Všeobecná biológia General Biology	2	0	1	5
Všeobecná a anorganická chémia General and Inorganic Chemistry	2	2	3	6
Latinská medicínska terminológia Latin Medical Terminology	0	2	0	3
Mikrobiológia Microbiology	2	0	1	5
Summer Semester				
Funkčná a patologická anatómia Functional and Pathological Anatomy	2	0	3	6
Organická chémia (1) Organic Chemistry (1)	2	1	3	7
Farmaceutická fyzika (2) Pharmaceutical Physics (2)	2	0	2	5
Analytická chémia (1) Analytical Chemistry (1)	2	0	4	7
2nd year of study - Obligatory Courses	Teaching Extent			Credits
Winter Semester	L	S	P	
Organická chémia (2) Organic Chemistry (2)	2	2	0	5
Systémová a patologická fyziológia Systemic and Pathological Physiology	2	0	2	5
Biológia a fyziológia imunity Biology and Physiology of Immunity	2	0	1	5
Analytická chémia (2) Analytical Chemistry (2)	2	0	5	8
Summer Semester				
Biochémia Biochemistry	3	0	4	8
Farmaceutická botanika Pharmaceutical Botany	2	0	3	6
Farmakológia (1) Pharmacology (1)	2	0	3	6
Sociálna farmácia a farmakoekonomika Social Pharmacy and Pharmacoeconomics	2	2	0	5

Annex No 1 of Dean's Decree No 1/2019 (continuation)

3rd year of study - Obligatory Courses	Teaching Extent			Credits
	L	S	P	
Winter Semester				
Farmakognózia (1) Pharmacognosy (1)	2	0	3	6
Farmaceutická chémia (1) Pharmaceutical Chemistry (1)	2	1	0	5
Aplikovaná biochémia Applied Biochemistry	2	0	1	4
Farmakológia (2) Pharmacology (2)	4	0	2	7
Summer Semester				
Farmakognózia (2) Pharmacognosy (2)	2	0	5	8
Farmaceutická chémia (2) Pharmaceutical Chemistry (2)	2	0	5	8
Farmaceutická technológia (1) Pharmaceutical Technology (1)	4	0	5	9
4th year of study - Obligatory Courses	Teaching Extent			Credits
	L	S	P	
Winter Semester				
Analýza liečiv Drug Analysis	3	0	3	7
Klinická farmakológia a farmakoterapia Clinical Pharmacology and Pharmacotherapy	2	2	0	4
Toxikológia Toxicology	1	1	0	3
Príprava diplomovej práce (1) Diploma Thesis Preparation (1)	0	0	4	3
Verejné zdravie a farmaceutická starostlivosť Public Health and Pharmaceutical Care	2	0	1	4
Farmaceutická technológia (2) Pharmaceutical Technology (2)	4	0	5	9
Summer Semester				
Klinická farmácia a farmakoterapia Clinical Pharmacy and Pharmacotherapy	3	2	0	5
Lekárstvo, legislatíva a etika Retail Pharmacy, Legislation and Ethics	2	2	0	4
Technológia biologických liečiv Technology of Biological Drugs	2	0	1	4
Príprava diplomovej práce (2) Diploma Thesis Preparation (2)	0	0	10	4

Annex No 1 of Dean's Decree No 1/2019 (continuation)

5 th year of study - Obligatory Courses	Teaching Extent			Credits
	L	S	P	
Lekárska prax (1) Practice in Community Pharmacy (1)	5 months			20
Lekárska prax (2) Practice in Community Pharmacy (2)	4 weeks			6
Príprava diplomovej práce (3) Diploma Thesis Preparation (3)	0	22		10
ŠS Farmakológia Pharmacology (State Examination)				4
ŠS Farmaceutická chémia Pharmaceutical Chemistry (State Examination)				4
ŠS Farmakognózia Pharmacognosy (State Examination)				4
ŠS Farmaceutická technológia Pharmaceutical Technology (State Examination)				4
ŠS Sociálna farmácia a lekárenstvo Social Pharmacy and Retail Pharmacy (State Examination)				4
ŠS Obhajoba diplomovej práce Graduation Thesis Defence (State Examination)				4

Explanatory notes (obligatory courses):

teaching extent of the course – number of obligatory courses per week, in the form of:

L – lectures, **S** – seminars, **P** – practicals

**Changes in the classification of courses and the number of credits
that take effect from the academic year 2019/2020**

Recommended Study Plan					Study Plan (until August 31, 2019)					Note
1 st year of study - Obligatory Courses	Teaching Extent			Credits	1 st year of study - Obligatory Courses	Teaching Extent			Credits	
Winter Semester	L	S	P		Winter Semester	L	S	P		
Farmaceutická fyzika (1) Pharmaceutical Physics (1)	2	0	2	5	Fyzika Physics	2	0	2	5	
Všeobecná biológia General Biology	2	0	1	5	Všeobecná biológia General Biology	2	0	1	4	
Všeobecná a anorganická chémia General and Inorganic Chemistry	2	2	3	6	Všeobecná a anorganická chémia General and Inorganic Chemistry	2	2	3	8	
Latinská medicínska terminológia Latin Medical Terminology	0	2	0	3	Základy latinského jazyka pre farmaceutov (1) Latin Language for Pharmacists (1)	0	2	0	2	
Mikrobiológia Microbiology	2	0	1	5						transfer from YS 2
					Matematika Mathematics	1	2	0	4	transfer to OEC
					Farmaceutická propedeutika Pharmaceutical Propedeutics	2	0	0	2	transfer to OEC

Recommended Study Plan					Study Plan (until August 31, 2019)					Note		
1 st year of study - Obligatory Courses		Teaching Extent			Credits	1 st year of study - Obligatory Courses		Teaching Extent			Credits	
Summer Semester		L	S	P		Summer Semester		L	S			P
Funkčná a patologická anatómia Functional and Pathological Anatomy		2	0	3	6	Anatómia a fyziológia Anatomy and Physiology		2	0	3	6	
Organická chémia (1) Organic Chemistry (1)		2	1	3	7	Organická chémia (1) Organic Chemistry (1)		2	1	3	7	
Farmaceutická fyzika (2) Pharmaceutical Physics (2)		2	0	2	5	Fyzikálna chémia Physical Chemistry		3	0	3	7	
Analytická chémia (1) Analytical Chemistry (1)		2	0	4	7							transfer from YS 2
						Základy latinského jazyka pre farmaceutov (2) Latin Language for Pharmacists (2)		0	2	0	2	transfer to OEC
						Farmaceutická botanika Pharmaceutical Botany		2	0	3	6	transfer to YS 2

Explanatory notes:

teaching extent of the course – number of obligatory courses per week, in the form of:

L – lectures, **S** – seminars, **P** – practicals

Note:

OEC – obligatory elective course, **YS** – year of study, **WS** – winter semester, **SS** – summer semester

**Changes in the classification of courses and the number of credits
that take effect from the academic year 2020/2021**

Recommended Study Plan					Study Plan (until August 31, 2020)					Note		
2 nd year of study - Obligatory Courses		Teaching Extent			Credits	2 nd year of study - Obligatory Courses		Teaching Extent			Credits	
Winter Semester		L	S	P		Winter Semester		L	S			P
Organická chémia (2) Organic Chemistry (2)		2	2	0	5	Organická chémia (2) Organic Chemistry (2)		2	2	0	5	
Systémová a patologická fyziológia Systemic and Pathological Physiology		2	0	2	5	Patológia Pathology		2	0	2	5	
Biológia a fyziológia imunity Biology and Physiology of Immunity		2	0	1	5	Imunológia Immunology		2	0	1	4	
Analytická chémia (2) Analytical Chemistry (2)		2	0	5	8							transfer: SS to WS
						Analytická chémia (1) Analytical Chemistry (1)		2	0	4	7	transfer to YS 1
						Mikrobiológia Microbiology		2	0	1	4	transfer to YS 1

Recommended Study Plan					Study Plan (until August 31, 2020)					Note		
2 nd year of study - Obligatory Courses		Teaching Extent			Credits	2 nd year of study - Obligatory Courses		Teaching Extent			Credits	
Summer Semester		L	S	P		Summer Semester		L	S			P
Biochémia Biochemistry		3	0	4	8	Biochémia Biochemistry		3	0	4	8	
Farmaceutická botanika Pharmaceutical Botany		2	0	3	6							transfer from YS 1
Farmakológia (1) Pharmacology (1)		2	0	3	6							transfer from YS 3
Sociálna farmácia a farmakoekonomika Social Pharmacy and Pharmacoeconomics		2	2	0	5							transfer from YS 3
						Analytická chémia (2) Analytical Chemistry (2)		2	0	5	8	transfer: SS to WS

Explanatory notes:

teaching extent of the course – number of obligatory courses per week, in the form of:

L – lectures, **S** – seminars, **P** – practicals

Note:

OEC – obligatory elective course, **YS** – year of study, **WS** – winter semester, **SS** – summer semester

**Changes in the classification of courses and the number of credits
that take effect from the academic year 2021/2022**

Recommended Study Plan					Study Plan (until August 31, 2021)					Note				
3 rd year of study - Obligatory Courses			Teaching Extent		Credits	3 rd year of study - Obligatory Courses			Teaching Extent		Credits			
Winter Semester			L	S		P	Winter Semester					L	S	P
Farmakognózia (1) Pharmacognosy (1)			2	0	3	6	Farmakognózia (1) Pharmacognosy (1)			2	0	3	6	
Farmaceutická chémia (1) Pharmaceutical Chemistry (1)			2	1	0	5	Farmaceutická chémia (1) Pharmaceutical Chemistry (1)			2	1	0	5	
Aplikovaná biochémia Applied Biochemistry			2	0	1	4	Patobiochémia Pathobiochemistry			2	0	1	4	
Farmakológia (2) Pharmacology (2)			4	0	2	7								transfer from YS 4
							Rádiofarmaká Radiopharmaceuticals			2	0	1	4	transfer to OEC

Recommended Study Plan					Study Plan (until August 31, 2021)					Note				
3 rd year of study - Obligatory Courses			Teaching Extent		Credits	3 rd year of study - Obligatory Courses			Teaching Extent		Credits			
Summer Semester			L	S		P	Summer Semester					L	S	P
Farmakognózia (2) Pharmacognosy (2)			2	0	5	8	Farmakognózia (2) Pharmacognosy (2)			2	0	5	8	
Farmaceutická chémia (2) Pharmaceutical Chemistry (2)			2	0	5	8	Farmaceutická chémia (2) Pharmaceutical Chemistry (2)			2	0	5	7	
Farmaceutická technológia (1) Pharmaceutical Technology (1)			4	0	5	9								transfer from YS 4
							Farmakológia a toxikológia (1) Pharmacology and Toxicology (1)			2	0	3	8	transfer to YS 2
							Sociálna farmácia a farmakoeconomika Social Pharmacy and Pharmacoeconomics			2	2	0	5	transfer to YS 2

Explanatory notes:

teaching extent of the course – number of obligatory courses per week, in the form of:

L – lectures, **S** – seminars, **P** – practicals

Note:

OEC – obligatory elective course, **YS** – year of study, **WS** – winter semester, **SS** – summer semester

**Changes in the classification of courses and the number of credits
that take effect from the academic year 2022/2023**

Recommended Study Plan					Study Plan (until August 31, 2022)					Note				
4 th year of study - Obligatory Courses			Teaching Extent		Credits	4 th year of study - Obligatory Courses			Teaching Extent		Credits			
Winter Semester			L	S		P	Winter Semester					L	S	P
Analýza liečiv Drug Analysis			3	0	3	7	Analýza liečiv Drug Analysis			3	0	3	7	
Klinická farmakológia a farmakoterapia Clinical Pharmacology and Pharmacotherapy			2	2	0	4	Klinická farmakológia a farmakoterapia (1) Clinical Pharmacology and Pharmacotherapy (1)			2	2	0	5	
Toxikológia Toxicology			1	1	0	3								
Príprava diplomovej práce (1) Diploma Thesis Preparation (1)			0	0	4	3								transfer: SS to WS
Verejné zdravie a farmaceutická starostivosť Public Health and Pharmaceutical Care			2	0	1	4								
Farmaceutická technológia (2) Pharmaceutical Technology (2)			4	0	5	9								transfer: SS to WS
							Farmaceutická technológia (1) Pharmaceutical Technology (1)			4	0	5	10	transfer to YS 3
							Farmakológia a toxikológia (2) Pharmacology and Toxicology (2)			4	0	3	6	transfer to YS 3

Recommended Study Plan					Study Plan (until August 31, 2022)					Note				
4 th year of study - Obligatory Courses			Teaching Extent		Credits	4 th year of study - Obligatory Courses			Teaching Extent		Credits			
Summer Semester			L	S		P	Summer Semester					L	S	P
Klinická farmácia a farmakoterapia Clinical Pharmacy and Pharmacotherapy			3	2	0	5	Klinická farmakológia a farmakoterapia (2) Clinical Pharmacology and Pharmacotherapy (2)			3	2	0	5	
Lekárstvo, legislatíva a etika Retail Pharmacy, Legislation and Ethics			2	2	0	4	Lekárstvo, legislatíva a etika Retail Pharmacy, Legislation and Ethics			2	2	0	5	
Technológia biologických liečiv Technology of Biological Drugs			2	0	1	4								
Príprava diplomovej práce (2) Diploma Thesis Preparation (2)			0	0	10	4								transfer from YS 5
							Farmaceutická technológia (2) Pharmaceutical Technology (2)			4	0	5	10	transfer: SS to WS
							Príprava diplomovej práce (1) Diploma Thesis Preparation (1)			0	2	4	4	transfer: SS to WS
							Lekárska prax (1) Practice in Community Pharmacy (1)			4 týždne		4		transfer to YS 5

Explanatory notes:

teaching extent of the course – number of obligatory courses per week, in the form of:

L – lectures, **S** – seminars, **P** – practicals

Note:

OEC – obligatory elective course, **YS** – year of study, **WS** – winter semester, **SS** – summer semester

**Changes in the classification of courses and the number of credits
that take effect from the academic year 2023/2024**

Recommended Study Plan				Study Plan (until August 31, 2023)				Note		
5 th year of study - Obligatory Courses	Teaching Extent			Credits	5 th year of study - Obligatory Courses	Teaching Extent			Credits	
	L	S	C			L	S			P
Lekárska prax (1) Practice in Community Pharmacy (1)	5 mesiacov			20	Lekárska prax (2) Practice in Community Pharmacy (2)	5 mesiacov			20	
Lekárska prax (2) Practice in Community Pharmacy (2)	4 týždne			6						transfer from YS 4
Príprava diplomovej práce (3) Diploma Thesis Preparation (3)	0	22		10						
					Príprava diplomovej práce (2) Diploma Thesis Preparation (2)	0	2	23	16	transfer to YS 4

Recommended Study Plan					Study Plan (until August 31, 2023)					Note
5 th year of study - Obligatory Courses	Teaching Extent			Credits	5 th year of study - Obligatory Courses	Teaching Extent			Credits	
	L	S	P			L	S	P		
ŠS Farmakológia Pharmacology (State Examination)				4	ŠS Farmakológia Pharmacology (State Examination)				4	
ŠS Farmaceutická chémia Pharmaceutical Chemistry (State Examination)				4	ŠS Farmaceutická chémia Pharmaceutical Chemistry (State Examination)				4	
ŠS Farmakognózia Pharmacognosy (State Examination)				4	ŠS Farmakognózia Pharmacognosy (State Examination)				4	
ŠS Farmaceutická technológia Pharmaceutical Technology (State Examination)				4	ŠS Farmaceutická technológia Pharmaceutical Technology (State Examination)				4	
ŠS Sociálna farmácia a lekárenstvo Social Pharmacy and Retail Pharmacy (State Examination)				4	ŠS Sociálna farmácia a lekárenstvo Social Pharmacy and Retail Pharmacy (State Examination)				4	
ŠS Obhajoba diplomovej práce Graduation Thesis Defence (State Examination)				4	ŠS Obhajoba diplomovej práce Graduation Thesis Defence (State Examination)				4	

Explanatory notes:

teaching extent of the course – number of obligatory courses per week, in the form of:

L – lectures, **S** – seminars, **P** – practicals

Note:

OEC – obligatory elective course, **YS** – year of study, **WS** – winter semester, **SS** – summer semester

