

Semmelweis University
Faculty of Pharmaceutical Sciences

**The curriculum of the credit-based system in the 2020/2021 academic year for
students enrolled for third year**

Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Prerequisites	Exam type
1. SEMESTER 2018/2019/1					
Total:	14	20	33		
2. SEMESTER 2018/2019/2					
Total:	16	21	33		
3. SEMESTER 2019/2020/1					
Total:	11	18.5	27		
4. SEMESTER 2019/2020/2					
Total:	12	19.5 Pract: 40 x 4	36		
5. SEMESTER 2020/2021/1					
Biochemistry (practice) II. GYOBIBKIG2A	–	1.5	–	Organic Chemistry II. Biochemistry I.	signature
Biochemistry (theory) II. GYOBIBKIE2A	2.5	–	3		final*
Physiology (practice) I.	–	1	1	Biochemistry I. Medical Terminology	practical mark
Physiology (theory) I.	5	–	4		semi-final
Pharmaceutical Chemistry (theory+practice) I.	4	4	8	Analytic. Chem. quant. II. Organic Chemistry II. Physical Chemistry II. Medical Terminology	practical mark
Pharmaceutical Technology (theory+practice) I.	2	3	5	Organic Chemistry II. Colloid Chemistry I. Physical Chemistry II. Medical Terminology	practical mark
Basics of Clinical-Chemistry and Laboratory Diagnostics (theory)	1	-	1	Biochemistry I.	semi-final
Basic Immunology (theory)	2	–	2	Biology II. Medical Terminology Anatomy I.	semi-final
Colloid Chemistry (practice) II.	–	1	1	Colloid Chemistry I. Physical Chemistry II. Organic Chemistry II.	practical mark
Principles of Professional Ethics I.	-	-	-		signature
Hungarian Medical Terminology (practice) V. GYLEKMSZG5A	-	4	2	Hungarian Medical Terminology (pract.) IV.	practical mark
Physical Education V.	-	1	-		signature
Elective or obligatory elective subjects	–	–	-		semi-final or practical mark
Total:	16.5	15.5	27		
6. SEMESTER 2020/2021/2					
Physiology (practice) II.	–	1	1	Biochemistry II. Physiology I.	practical mark
Physiology (theory) II.	5	–	6		final*
Pharmacognosy (theory+practice) I.	2	4	5	Pharmac. Botany II.	practical mark
Pharmaceutical Chemistry (practice) II.	–	4	4	Pharmaceutical Chemistry I.	practical mark
Pharmaceutical Chemistry (theory) II.	4	–	4		kollokvium
Pharmaceutical Microbiology (practice)	–	2	–	Physiology I. Basic Immunology	signature
Pharmaceutical Microbiology (theory)	3	–	4		semi-final

Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Prerequisites	Exam type
Pharmaceutical Technology (practice) II.	–	5	4	Pharm. Techn. I. Pharm. Chemistry I. Colloid Chemistry II.	practical mark
Pharmaceutical Technology (theory) II.	2	–	3		semi-final
Physical Education VI.	-	1	-		signature
Summer Practice II.	–	40	4	Pharm. Chemistry II. Pharm. Techn. II.	practical mark
Elective or obligatory elective subjects	–	–	-		semi-final or practical mark
Total:	16	17 Pract.: 4 x 40	35		
7. SEMESTER 2021/2022/1					
Pharmacognosy (practice) II.	–	4	3	Pharmacognosy I. Pharm. Chemistry II.	practical mark
Pharmacognosy (theory) II.	2	–	3		final*
Pharmaceutical Chemistry (practice) III.	–	4	3	Pharm. Chemistry II. Physiology II.	practical mark
Pharmaceutical Chemistry (theory) III.	2	–	3		final*
Pharmacology and Toxicology (practice) I.	–	2	2	Physiology II. Pharm. Chemistry II. Pharmac. Microbiol. Basic Immunology	practical mark
Pharmacology and Toxicology (theory) I.	4	–	4		semi-final
Basics of Pharmacoeconomics (theory)	0	1	1	Pharm. and Tox. I. Mathematics II.	practical mark
Pharmaceutical Technology (practice) III.	–	9	5	Pharm. Chemistry II. Pharm. Techn. II.	practical mark
Pharmaceutical Technology (theory) III.	3	–	4		semi-final
Basic Medical Pathophysiology (theory) I.	2	–	2	Physiology II. Pharmac. Microbiol.	semi-final
Industrial Pharmaceutical Technology I.	3	0	2	Pharm. Technology II. Pharm.Chem.and Anal.I.	semi-final
Physical Education VII.	-	1	-		signature
Elective or obligatory elective subjects	–	–	-		semi-final or practical mark
Total:	16	21	32		
8. SEMESTER 2021/2022/2					
Pharmacology and Toxicology (practice) II.	–	3	2	Pharm. and Tox. I. Pharm. Techn. III. Basic Med. Pathop. I.	practical mark
Pharmacology and Toxicology (theory) II.	4	–	4		finalt*
Pharmaceutical Technology (practice) IV.	–	9	6	Pharmaceutical Technology III.	practical mark
Pharmaceutical Technology (theory) IV.	3	–	4		final*
Pharmacy Administration I. (theory+practice)	2	2	3	Basics of Pharmacoeconomics Hist. of Scienc.and Prop. Pharm. Techn. III.	practical mark
Basic Medical Pathophysiology (theory) II.	2	–	2	Basic Med. Pathop. I. Pharm. and Tox. I.	final*
Basics of Phytotherapy (theory)	1	-	1	Pharmacognosy II.	semi-final
Basics of Pharmaceutical Management (practice)	-	1	1	Basics of Pharmacoeconomics	practical mark
Public Health (practice)	-	2	2	Basic Medical Pathophysiology I.	practical mark
Public Health (theory)	2	-	2		semi-final
Physical Education VIII.	-	1	-		signature
Diploma Work I. GYSZDSZDG1A	–	4	–	Passing all semi- finals and finals of the 7th semester	signature
Elective or obligatory elective subjects	–	–	-		semi-final or practical mark
Total:	14	22	27		

9. SEMESTER 2022/2023/1					
Compulsory Practice I.	–	40	8	Passing all finals of the 8th semester	practical mark
Drug Therapy (theory+practice)	2	2	4	Pharm. and Tox. II. Pharm. Techn. IV. Basics of Phytother.	semi-final
Pharmaceutical Care (theory+practice)	2	3	4	Pharm. and Tox. II. Pharm. Techn. IV.	semi-final
Clinical Pharmacokinetics and Biopharmacy (theory+practice)	2	3	4	Pharm. and Tox. II. Pharm. Techn. IV	semi-final
Pharmaceutical Communication and Integrated Consulting (theory+practice)	1	2	1	Pharm. and Tox. II. Pharmacy Administration	practical mark
Pharmacy Administration (theory) II.	2	-	2	Pharm. Administr. Pharm. Techn. IV Public Health	final*
Pharmaceutical Informatics (theory+practice)	1	1	1	Pharmacy Administration	practical mark
Clinical Pharmacy (theory+practice)	1	1	1	Pharm. and Tox. II. Pharm. Techn. IV	semi-final
Pharmaceutical Ethics and Sociology (theory+practice)	1	1	1	Pharm. and Tox. II. Hist. of Scienc.and Prop.	semi-final
Diploma Work II.	-	5	-	Diploma Work I.	signature
Physical Education IX.	-	1	-		signature
Subject	Lecture (hour/sem..)	Practice (hour/sem..)	Credit	Prerequisites	Exam type
Pharmaceutical industrial and regulatory affairs knowledge (teaching block)	28	28	-		
Drug Licensing (theory+practice)	12	12	-	Pharmacy Administr. I. Pharmac. Techn. IV.	signature
Pharmacovigilance and pharmacoepidemiology (theory+practice)	4	4	-	Pharmac. and Tox. III.	
Quality Assurance (theory+practice)	4	4	-	Pharmac. Techn. IV. Pharmacy Administr. I.	
Drug innovation and clinical studies (theory+practice)	8	8/	-	Pharmac. and Tox. III. Pharmac. Techn. IV.	
Elective or obligatory elective subjects	–	–	-		semi-final or practical mark
Total:	12/week 28/sem.	40/week 18/week 28/sem.	26		
10. SEMESTER 2022/2023/2					
Compulsory Practice II. GYSZGSZVG2A	–	40	16	GYSZGSZVG1A	practical mark
Diploma work/Thesis defense GYSZDDIVE1A	1/sem.	–	10		final*
Principles of Professional Ethics II.	-	-	-		signature
Total:			26		
* Counts to the qualification of the diploma					
** Obligatory electives built-in in the curriculum					

Obligatory elective subjects in the recommended curriculum

Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Prerequisites	Exam type
Compulsory Practice I. (9. semester)	–	40	8	Passing all finals of the 8th semester	practical mark
Compulsory Practice II. (10. semester)	–	40	16	Compulsory Practice. I.	practical mark
Diploma work/Thesis defense	1/félév	–	10	Diploma Work II.	practical mark
Hungarian Medical Terminology (practice) IV.	-	4	4	Hungarian Medical Terminology (practice) IV.	practical mark
Hungarian Medical Terminology (practice) V.	-	4	2	Hungarian Medical Terminology (practice) IV.	practical mark
Basics of Clinical-Chemistry and Laboratory Diagnostics (theory)	1	-	1	Biochemistry I.	semi-final
Basics of Pharmacoeconomics	0	1	1	Pharm. and Tox. I. Mathematics II.	practical mark
Basics of Phytotherapy (theory)	1	-	1	Pharmacognosy II.	semi-final
Industrial Pharmaceutical Technology I.	3	0	2	Pharm. Technology II. Pharm.Chem.and Anal.I.	semi-final
Total:			45		

Elective subjects in the recommended curriculum

Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Prerequisites	Exam type
Hungarian Medical Terminology (practice) I.	-	6	6	Hungarian Medical Terminology (practice) I.	practical mark
Summer Practice I.	--	40	4	Organic Chemistry II. Analytical Chemistry II.	practical mark
Summer Practice II.	--	40	4	Pharmaceutical Chemistry and Analysis Pharm. Techn. II.	practical mark
Total:			14		