

Semmelweis University
Faculty of Pharmaceutical Sciences

The new curriculum of the credit-based training from the 2024/2025 academic year for students enrolled for first year

1. semester								
Neptun Subject ID	Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Examination		Prerequisite(s)	Prerequisite(s) code
Új kód	General Chemistry	2	4	6	semi-final*	obligatory	-	-
GYKDEI107G1A	Informatics	0	2	2	practical mark	obligatory	-	-
Új kód	Physics for Pharmacists	1,5	2	4	semi-final*	obligatory	-	-
Új kód	Cell Biology	2	2	3	semi-final	obligatory	-	-
GYKXI270G1A	First Aid	0,3	0,7	1	practical mark	obligatory	-	-
GYKNYE111G1A	The Latin basics of pharmaceutical terminology	0	2	2	practical mark	obligatory	-	-
GYKGYH271G1A	Mathematics for Pharmacists	2	2	4	practical mark	obligatory	-	-
Új kód	Pharmaceutical Propedeutics	1,5	0,5	2	semi-final	obligatory	-	-
Új kód	History of Pharmacy and Semmelweis University	1	1	2	semi-final	obligatory	-	-
Új kód	Basic Communication	1	1	2	practical mark	obligatory	-	-
GYKANG071E1A	Principles of Professional Ethics I.	0	0	0	signature	criterion	-	-
Új kód	Physical Education I.	0	1	1	practical mark	obligatory	-	-
GYKNYE306G1A	Hungarian Pharmaceutical Terminology I.	0	2	0	signature	obligatory	-	-
Total:		11,3	20,2	29				
GYSGYK322G1A	Basics of General Chemistry	0	2	2	practical mark	elective	-	-

2. semester								
Neptun Subject ID	Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Examination		Prerequisite(s)	Prerequisite(s) code
Új kód	Inorganic Chemistry	2	2	3	semi-final*	obligatory	General Chemistry	Új kód
Új kód	Organic Chemistry I.	4	4	7	semi-final	obligatory	General Chemistry	Új kód
GYKANT272E1A	Anatomy	2	2	2	semi-final	obligatory	Cell Biology The Latin basics of pharmaceutical terminology	Új kód GYKNYE111G1A
Új kód	Pharmaceutical Biophysics	1,5	2,5	4	semi-final*	obligatory	Physics for Pharmacists	Új kód
Új kód	Genetics	2	2	4	semi-final	obligatory	Cell Biology	Új kód
GYKNYE119G1A	Pharmaceutical and medical terminology	0	2	1	practical mark	obligatory	The Latin basics of pharmaceutical terminology	GYKNYE111G1A
GYKEGY247E1A	Basics of Economics	1	0	1	semi-final	obligatory	Mathematics for pharmacists	GYKGYH271G1A
Új kód	Physical Chemistry for Pharmacists	2	3	5	practical mark	obligatory	General Chemistry Physics for Pharmacists	Új kód Új kód
GYKNYE306G2A	Hungarian Pharmaceutical Terminology II.	0	2	0	signature	obligatory	Hungarian Pharmaceutical Term. I.	GYKNYE306G1A
Új kód	Physical Education II.	0	1	1	practical mark	obligatory	-	-
Total:		14,5	20,5	28				

Új kód	Calculation problems in general and inorganic chemistry	0	2	2	practical mark	elective	-	-
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3. semester								
Neptun Subject ID	Subject	Lecture (hour/week)	Pracitce (hour/week)	Credit	Examination		Prerequisite(s)	Prerequisite(s) code
Új kód	Analytical Chemistry I.	4	4	6	semi-final	obligatory	Inorganic Chemistry Mathematics for Pharmacists	Új kód GYKGYH271G1A
Új kód	Biochemistry I.	3	1	4	practical mark	obligatory	Organic Chemistry I. Genetics	Új kód Új kód
GYKTLM275E1A	Physiology I.	5	2	5	semi-final	obligatory	Anatomy I. Genetics	GYKANT272E1A Új kód
GYKGYI072G1A	Colloid Chemistry	2	2	4	practical mark	obligatory	Physical Chemistry for Pharmacists	Új kód
Új kód	Organic Chemistry II.	4	4	8	final*	obligatory	Organic Chemistry I.	Új kód
Új kód	Physical Education III.	0	1	1	practical mark	obligatory	-	-
GYKNYE306G3A	Hungarian Pharmaceutical Terminology III.	0	2	1	practical mark	obligatory	Hungarian Pharmaceutical Term. II.	GYKNYE306G2A
Total:		18,0	16,0	29				
	Work within the Union of Research Students	0	1	1	practical mark	elective	-	-

4. semester								
Neptun Subject ID	Subject	Lecture (hour/week)	Pracitce (hour/week)	Credit	Examination		Prerequisite(s)	Prerequisite(s) code
Új kód	Biochemistry II.	2	1	3	final*	obligatory	Biochemistry I.	Új kód
Új kód	Analytical Chemistry II.	2	4	6	final*	obligatory	Analytical Chemistry I.	Új kód
Új kód	Physiological Pharmaceutics and Pharmaceutical dosage forms	2	2	4	semi-final*	obligatory	Physical Chemistry for Pharmacists Pharmaceutical Propedeutics	Új kód Új kód
GYKTLM275E2A	Physiology II.	5	2	7	final*	obligatory	Physiology I. Biochemistry I.	GYKTLM275E1A Új kód
GYKGEN070E1A	Basic Immunology (theory)	2	0	2	semi-final	obligatory	Genetics	Új kód
GYKGYI078G1A	Nanotechnology	2	2	4	practical mark	obligatory	Colloid Chemistry	GYKGYI072G1A
GYKANG238G1A	Pharmacy Practice I.	0	20 hour/semester	0	signature	obligatory	Physical Chemistry for Pharmacists Pharmaceutical and medical terminology	Új kód GYKNYE119G1A
GYKNYE306G4A	Hungarian Pharmaceutical Terminology IV.	0	2	3	final*	obligatory	Hungarian Pharmaceutical Term. III.	GYKNYE306G3A
Új kód	Physical Education IV.	0	1	1	practical mark	obligatory	-	-
Total:		15	14 20 hour/semester	30				
GYSSZG234G4A	Summer Practice I.	0	4 week (40 hour/week)	4	practical mark	elective	Colloid Chemistry Physiology I.	GYKGYI072G1A GYKTLM275E1A
GYSSZK207E1A	Name Reactions in Organic Chemistry (theory)	2	0	2	semi-final	elective	Organic Chemistry I.	Új kód
	Work within the Union of Research Students	0	1	1	practical mark	elective	-	-

5. semester								
Neptun Subject ID	Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Examination		Prerequisite(s)	Prerequisite(s) code
GYKFMG278E1A	Pharmaceutical Botany	2	2	3	semi-final	obligatory	Biochemistry I.	új kód
GYKGYI168E1A	Dietetics	1	0	1	semi-final	obligatory	Physiology II.	GYKTLM275E2A
GYKGYI074E1A	Biotechnology	1	0	1	semi-final	obligatory	Biochemistry I.	új kód
Új kód	Pharmaceutical Technology I.	2	4	5	practical mark	obligatory	Nanotechnology Physiological Pharmaceutics and Pharmaceutical dosage forms Pharmaceutical and medical terminology	GYKGYI078G1A új kód GYKNYE119G1A
Új kód	Introduction into Industrial Pharmacy	1,5	0,5	2	practical mark	obligatory	Physiological Pharmaceutics and Pharmaceutical dosage forms History of Pharmacy and Semmelweis University	új kód új kód
Új kód	Pharmaceutical Chemistry and Analysis I.	4	4	7	semi-final	obligatory	Analytical Chemistry II., Organic Chemistry II. Pharmaceutical Biophysics	új kód új kód új kód
GYKMIK280E1A	Pharmaceutical Microbiology	3	2	4	semi-final*	obligatory	Basic Immunology	GYKGEN070E1A
GYKGYH128G1A	Basic Medical Pathophysiology I.	2	1	2	practical mark	obligatory	Physiology II. Biochemistry II. First Aid	GYKTLM275E2A új kód GYKOXI270G1A
GYKLMi082E1A	Clinical Chemistry and Laboratory Diagnostics	2	0	2	semi-final	obligatory	Physiology II. Biochemistry II.	GYKTLM275E2A új kód
GYKGYI085E1A	Products of Veterinary Medicine	1	0	1	semi-final	obligatory	Physiological Pharmaceutics and Pharmaceutical dosage forms	új kód
GYKTSI116G5A	Physical Education V.	0	1	0	signature	criterion	-	-
Total:		19,5	14,5	28				
	Work within the Union of Research Students	0	1	1	practical mark	elective	-	-

6. semester								
Neptun Subject ID	Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Examination		Prerequisite(s)	Prerequisite(s) code
GYKGYH128E2A	Basic Medical Pathophysiology II.	2	1	3	final*	obligatory	Basic Medical Pathophysiology I. Pharmaceutical Microbiology Dietetics	GYKGYH128G1A GYKMIK280E1A GYKGYI168E1A
GYKFMG284G1A	Pharmacognosy I.	2	4	5	practical mark	obligatory	Pharmaceutical Botany	GYKFMG278E1A
Új kód	Pharmaceutical Chemistry and Analysis II.	4	4	7	final*	obligatory	Pharmaceutical Chemistry and Analysis I.	új kód
Új kód	Pharmacology and Toxicology I.	2	3	5	semi-final	obligatory	Basic Medical Pathophysiology I., Physiological Pharmaceutics and Pharmaceutical dosage forms	GYKGYH128G1A új kód
Új kód	Pharmaceutical Technology II.	2	6	5	semi-final	obligatory	Pharmaceutical Technology I., Pharmaceutical Chem. and Anal. I.	új kód új kód

GYKGYH282G1A	Statistics for Pharmacists	2	2	3	practical mark	obligatory	Mathematics for Pharmacists, Physiological Pharmaceutics and Pharmaceutical dosage forms Informatics	GYKGYH271G1A új kód GYKDEI107G1A
GYKANG238G2A	Pharmacy Practice II.	0	20 hour/semester	0	signature	obligatory	Pharmaceutical Technology I	új kód
GYKTSI116G6A	Physical Education VI.	0	1	0	signature	criterion	-	-
Total:		14	21 20 hour/semester	28				
GYSSZG239G4A	Summer Practice II.	0	4 week (40 hour/week)	4	practical mark	elective	Pharmaceutical Technology I.	Új kód
GYSGYK326E1A	Bioinorganic Chemistry (theory)	3	0	2	semi-final	elective	Analytical Chemistry II.	új kód
GYSFMG294E1A	Analytical applications of liquid chromatography	2	0	2	semi-final	elective	Analytical Chemistry II.	új kód
Új kód	Industrial pharmaceutical Technology	1	1	2	practical mark	elective	Pharmaceutical Technology I.	Új kód
	Work within the Union of Research Students	0	1	1	practical mark	elective	-	-

7. semester								
Neptun Subject ID	Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Examination		Prerequisite(s)	Prerequisite(s) code
GYKFMG284E2A	Pharmacognosy II.	2	4	5	final*	obligatory	Pharmacognosy I.	GYKFMG284G1A
Új kód	Quality Control and Analysis of Drug Products	2	4	6	semi-final*	obligatory	Pharmaceutical Technology II., Pharmaceutical Chem. and Anal. II., Introduction to Industrial Pharmacy	Új kód Új kód Új kód
Új kód	Pharmacology and Toxicology II.	3	2	5	semi-final	obligatory	Pharmacology and Toxicology I., Basic Medical Pathophysiology II.	Új kód GYKGYH128E2A
Új kód	Pharmaceutical Technology III.	2	7	7	semi-final	obligatory	Pharmaceutical Technology II.	Új kód
GYKGYI088E1A	Biological Drugs	2	0	2	semi-final	obligatory	Pharmaceutical Chemistry and Analysis II., Pharmacology and Toxicology I., Biotechnology	Új kód Új kód GYKGYI074E1A
GYKEGY286E1A	Pharmacy Administration I.	2	0	2	semi-final	obligatory	Pharmaceutical Propedeutics Pharmaceutical Technology II.	Új kód Új kód
GYKETE131G1A	Pharmacoeconomics	0,5	0,5	1	practical mark	obligatory	Pharmacology and Toxicology I., Basics of Economy Statistics for Pharmacists	Új kód GYKEGY247E1A GYKGYH282G1A
GYKTSI116G7A	Physical Education VII.	0	1	0	signature	criterion	-	-
GYKFRM288E1A	Semmelweis Symposium	24/sem	0	0	signature	criterion	-	-
Total:		13,5 24/sem	18,5	28				
	Work within the Union of Research Students	0	1	1	practical mark	elective	-	-

8. semester								
Neptun Subject ID	Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Examination		Prerequisite(s)	Prerequisite(s) code
Új kód	Pharmacology and Toxicology III.	3	2	6	final*	obligatory	Pharmacology and Toxicology II.	Új kód
Új kód	Pharmaceutical Technology IV.	2	8	10	final*	obligatory	Pharmaceutical Technology III.	Új kód
GYKEGY286E2A	Pharmacy Administration II.	2	2	4	final*	obligatory	Pharmaceutical Technology III., Pharmacy Administration I.	Új kód GYKEGY286E1M
Új kód	Public Health	2	2	3	semi-final	obligatory	Basic Medical Pathophysiology II., Dietetics	GYKGYH128E2A GYKDIE080E1A
GYKMAG098G1A	Pharmaceutical Communication and Integrated Consulting	1	2	2	practical mark	obligatory	Pharmacy Administration I.	GYKEGY286E1A
GYKFMG092E1A	Phytotherapy	2	0	2	semi-final*	obligatory	Pharmacognosy II.	GYKFMG284E2A
GYKSZD132G1A	Diploma Work I.	0	2	0	signature	criterion	Pharmacology and Toxicology I., Pharmaceutical Technology II., Pharmacognosy II.	Új kód Új kód GYKFMG284E2A
GYKTSI116G8A	Physical Education VIII.	0	1	0	signature	criterion	-	-
Total:		12	19	27				

Új kód	Preclinical and clinical neuropsychopharmacology and psychopharmacogenetics	0	1	1	practical mark	elective	Pharmacology and Toxicology I.	Új kód
	Work within the Union of Research Students	0	1	1	practical mark	elective	-	-

9. semester								
Neptun Subject ID	Subject	Lecture (hour/week)	Practice (hour/week)	Credit	Examination		Prerequisite(s)	Prerequisite(s) code
GYKANG133G1A	Compulsory Practice Before the Board Exam I.	0	40	8	practical mark	obligatory	Pharmacology and Toxicology III., Pharmaceutical Technology IV., Pharmacy Administration II.	új kód új kód GYKEGY286E2A
GYKGYH250E1A	Drug Therapy	2	3	4	semi-final*	obligatory	Pharmacology and Toxicology III., Pharmaceutical Technology IV., Phytotherapy	új kód új kód GYKFMG092E1A
GYKEGY096E1A	Pharmaceutical Care	2	3	4	semi-final*	obligatory	Pharmacology and Toxicology III., Pharmaceutical Technology IV.	új kód új kód
GYKGYI251G1A	Clinical Pharmacokinetics and Biopharmacy	2	3	3	semi-final*	obligatory	Pharmacology and Toxicology III., Pharmaceutical Technology IV.	új kód új kód
GYKDEI099G1A	Pharmaceutical informatics	1	1	1	practical mark	obligatory	Pharmaceutical Technology IV., Pharmacy Administration I.	új kód GYKEGY286E1A
GYKEGY093E1A	Pharmaceutical management	1	1	2	semi-final	obligatory	Pharmacoeconomics	GYKETE131G1A
GYKEGY100E1A	Clinical Pharmaceutics	1.2	1.2	1	semi-final*	obligatory	Pharmacology and Toxicology III., Pharmaceutical Technology IV.	új kód új kód
GYKMAG101E1A	Pharmaceutical Ethics and Sociology	1	1	1	semi-final	obligatory	Pharmacology and Toxicology III., Pharmaceutical Propedeutics	új kód új kód
Új kód	Collaborative pharmacotherapy and interprofessional therapy management	1	0,5	1	practical mark	obligatory	Pharmacology and Toxicology III., Pharmaceutical Technology IV., Pharmacy Administration II.	új kód új kód GYKEGY286E2A
GYKSZD132G2A	Diploma Work II.	0	5	0	signature	criterion	Diploma Work I.	GYKSZD132G1A
GYKTSI116G9A	Physical Education IX.	0	1	0	signature	criterion	-	-
GYKGYI102G1A	Drug Licensing	12/sem.	12/sem.	1	practical mark	obligatory	Introduction into Industrial Pharmacy Pharmaceutical Technology IV., Pharmacy Administration I.	új kód új kód GYKEGY286E1A
GYKGYI103G1A	Pharmacovigilance and pharmacoepidemiology	4/sem.	4/sem.	1	practical mark	obligatory	Introduction into Industrial Pharmacy Pharmacology and Toxicology III.	új kód új kód
GYKGYI104G1A	Quality Assurance	4/sem.	4/sem.	1	practical mark	obligatory	Introduction into Industrial Pharmacy Pharmaceutical Technology IV., Pharmacy Administration I.	új kód új kód GYKEGY286E1A
GYKGYI105G1A	Druginnovation and clinical examinations	8/sem.	8/sem.	1	practical mark	obligatory	Introduction into Industrial Pharmacy Pharmacology and Toxicology III. Pharmaceutical Technology IV.	új kód új kód új kód
Total:		11.2 28/semester	40/week 19,7 28/semester	29				
	Work within the Union of Research Students	0	1	1	practical mark	elective	-	-

10. semester								
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Neptun Subject ID	Subject	Lecture (hour/week)	Pracitce (hour/week)	Credit	Examination		Prerequisite(s)	Prerequisite(s) code
GYKANG133G2A	Compulsory Practice Before the Board Exam (4 months) II.	0	40	16	practical mark	obligatory	Compulsory Practice I.	GYKANG133G1A
GYKSZD134E1A	Diploma Defence	1	0	10	final*	obligatory	Diploma Work II.	GYKSZD132G2A
GYKANG071E2A	Principles of professional ethics II.	0	0	0	signature	criterion	-	-
Total:		1/semester	40	26				
GYSGYI305E1A	Pharmaceutical Compounding	2	0	2	semi-final	elective	Pharmaceutical Technology IV.	Új kód

*Counts to the qualification of the diploma

összesen 282
szabvál 18