

Faculty of Medicine
Corrected Curriculum
Courses taught in the 2022/2023 Academic Year

course name	hours		credit	prerequisite(s)	examination
	lecture (h/week)	practice (h/week)			
1st semester					
Medical Chemistry	3	2	6	-	examination
Cell Science	1	2	3	-	examination
Macroscopic Anatomy and Embryology I.	1	6	7	-	examination
Medical Biophysics I.	1,5	2,5	4	-	examination
The Sociology of Healthcare and Medicine (for the 1st half of the class)	8 per semester	20 per semester	2	-	examination
Medical Communication	10 per semester	18 per semester	2	-	examination
Medical Terminology	28 practice per semester		2	-	pract. mark
Medical Hungarian I	0	4	2	-	pract. mark
Physical Education (PE) I.	0	1	0	-	signature
			28		
Elective subjects (registration for at least one is obligatory)					
Mathematical and Physical Basis of Medical Biophysics (obligatory elective subject)	1	0	1	-	pract. mark
2nd semester					
Medical Biochemistry I.	3	2	5	Medical Chemistry	examination
Macroscopic Anatomy and Embryology II.	3	6	9	Macroscopic Anatomy I.	final
Microscopic Anatomy and Embryology I.	1	4	5	Cell Science	examination
Medical Biophysics II.	1,5	2,5	4	Medical Biophysics I.	final
The Sociology of Healthcare and Medicine (for the 2nd half of the class)*	1	1	2	-	examination
Introduction to Patient Care	0	2	2	Medical Communication	examination
Medical Hungarian II.	0	4	2	Medical Hungarian I.	pract. mark
First Aid	0,5	1	1	-	pract. mark
Physical Education (PE) II.	0	1	0	-	signature
Summer Practice - Nursing	1 month		2	Medical Communication	pract. mark
			29		
Elective subjects (registration for at least one is obligatory)					
Introduction to Medical Informatics (obligatory elective subject)	0	1	1	-	pract. mark

3rd semester					
Microscopic Anatomy and Embryology II.	2	2	4	Microscopic Anatomy and Embryology I., Macroscopic Anatomy and Embryology II., Cell Science	final
Medical Physiology I.	5,5	5	10	Macroscopic Anatomy and Embryology II., Medical Biophysics II., Medical Biochemistry I.	examination
Medical Biochemistry II.	3	2	5	Medical Biochemistry I.	final
Molecular Cell Biology I.	2	2	4	Medical Chemistry, Medical Biochemistry I.	examination
Medical Hungarian III.	0	4	2	Medical Hungarian II.	pract. mark
Physical Education (PE) III.	0	1	0	-	signature
Introduction to Clinical Medicine	0	12×2,5	2	Introduction to Patient Care	pract. mark
			27		
Elective subjects (registration for at least one is obligatory)					
4th semester					
Medical Microbiology I.	2	2	4	Medical Biochemistry II.,	examination
Medical Physiology II.	5,5	4,5	10	Medical Physiology I. Microscopic Anatomy and Embryology II.	final
Molecular Cell Biology II.	3	2	5	Molecular Cell Biology I. Medical Biochemistry II	final
Immunology	2	1,5	3	Molecular Cell Biology I., Medical Biochemistry II.	examination
Genetics and Genomics	2	1,5	3	Molecular Cell Biology I., Medical Biochemistry II.	examination
Medical Psychology	1	2,5	4	Medical Sociology – Health Care, Medical Communication	examination
Medical Hungarian IV.	0	4	2	Medical Hungarian III.	final
Physical Education (PE) IV.	0	1	0	-	signature
			31		
Elective subjects (registration for at least one is obligatory)					
5th semester					
Pharmacology I	2	2,5	4	Medical Microbiology I. Molecular Cell Biology II. Medical Physiology II.	examination
Translational Medicine – Pathophysiology I.	1,5	1,5	3	Macroscopic Anatomy and Embryology II. Medical Physiology II., Medical Biochemistry II.	examination
Medical Microbiology II	1,5	2	3	Medical Microbiology I.	final
Pathology I.	3	4	7	Microscopic Anatomy and Embryology II. Macroscopic Anatomy and Embryology II. Medical Physiology II.	examination
Internal Medicine – Propedeutics (for the 1st half of the class)	1	3	4	Medical Physiology II. Medical Biochemistry II. Hungarian Medical Terminology IV. <i>From 2024/2025 academic year:</i>	examination

				Macroscopic Anatomy and Embryology II. Introduction to Patient Care Immunology	
Medical Aspects of Disaster Preparedness and Response I.	1x2/ semester	0	0	-	signature
Medical Statistics, Informatics and Telemedicine	1	1,5	2	Medical Biophysics II.	examination
Clinical ECG	1	2	3	Medical Biophysics II., Medical Physiology II.	examination
Physical Education (PE) V.	0	1	0	-	signature
			26		
Elective subjects (registration for at least one is obligatory)					
6th semester					
Pharmacology II.	2	2,5	5	Pharmacology I, Medical Microbiology II., Pathology I	final
Translational Medicine - Pathophysiology II.	1,5	1,5	3	Pathology I. Translational Medicine - Pathophysiology I.	final
Pathology II.	3	4	7	Pathology I.	final
Internal Medicine - Propedeutics (for the 2nd half of the class)	1	3	4	Medical Biochemistry II., Medical Physiology II., Hungarian Medical Terminology IV. <i>From 2024/2025 academic year:</i> Macroscopic Anatomy and Embryology II. Introduction to Patient Care Immunology	examination
Bioethics - Medical Ethics	2	0	2	Medical Psychology	examination
Medical Aspects of Disaster Preparedness and Response II.	1x2/ semester	0	0	-	signature
Basic Surgical Techniques	0,5	1,5	2	Macroscopic Anatomy and Histology II. Medical Physiology II.	examination
Physical Education (PE) VI.	0	1	0	-	signature
Summer Practice - Internal Medicine	1 month		2	-	pract. mark
			21		
Elective subjects (registration for at least one is obligatory)					
7th and 8th semester (4th year)					
Internal Medicine I. (Metabolism, Endocrinology, Gastroenterology, Nephrology)	5 weeks		7	Internal Medicine - Propedeutics Translational Medicine and Pathophysiology II. Pharmacology II.	examination
Cardiology, Heart Surgery, Angiology, Vascular Surgery	4 weeks		7	Pharmacology II., Clinical ECG Internal Medicine - Propedeutics	examination
Surgery	4 weeks		6	Basic Surgical Techniques, Pathology II.	examination
Traumatology	2 weeks		3	Pathology II., Basic Surgical Techniques	examination
Orthopedics	3 weeks		3	Pathology II., Basic Surgical Techniques <i>From 2025/2026 academic year:</i>	examination

			Pathology II., Microscopic Anatomy and Embryology II. Internal Medicine - Propedeutics		
Medical Imaging	2 weeks	3	Medical Biophysics II., Pathology II. Translational Medicine and Pathophysiology II.	examination	
Otorhinolaryngology	3 weeks	3	Basic Surgical Techniques, Pathology II.	examination	
Dermatology	3 weeks	4	Pharmacology II., Medical Microbiology II. Pathology II.	examination	
Oral Surgery and Dentistry	1 week	2	Basic Surgical Techniques, Pathology II.	examination	
Laboratory Medicine	1 week	3	Pathology II., Pharmacology II. Translational Medicine and Pathophysiology II.	examination	
Pulmonology - Thoracic Surgery	3 weeks	4	Pharmacology II., Basic Surgical Techniques Internal Medicine - Propedeutics	examination	
Oncology and Reconstructive Oncoplastic Surgery	2 weeks	3	Pharmacology II., Pathology II., Basic Surgical Techniques	examination	
Emergency Medicine and Oxyology	2 weeks	2	Pharmacology I., Internal Medicine - Propedeutics Translational Medicine and Pathophysiology II.	examination	
Clinical Pharmacology	2 weeks	3	Pharmacology II.	examination	
Family Medicine	1 week	2	Pharmacology I. Laboratory Medicine (corequisite)	pract. mark	
Physical Education (PE) VII.	0	1	0	-	signature
Physical Education (PE) VIII.	0	1	0	-	signature
The Medical Basis of Disaster Management III.	2/semester	0	The Medical Basis of Disaster Management II.	signature	
The Medical Basis of Disaster Management IV.	2/semester	0	The Medical Basis of Disaster Management III	signature	
Summer Practice - Surgery	1 month	2	Surgery	pract. mark	
		57			
9th and 10th semester (5th year)					
Internal Medicine II (Hematology, Infectology, Immunology, Rheumatology)	5 weeks	7	Internal Medicine I., Laboratory Medicine, Medical Imaging	examination	
Forensic Medicine	2 weeks	2	Pathology II., Genetics and Genomics, Pharmacology II.	examination	
Obstetrics and Gynecology	4 weeks	6	Pharmacology II., Medical Imaging, Surgery	examination	
Pediatrics	5 weeks	8	Internal Medicine I., Laboratory Medicine, Medical Imaging	examination	
Urology	3 weeks	3	Pharmacology II., Surgery	examination	
Intensive Therapy and Anaesthesiology	3 weeks	4	Cardiology, Heart Surgery, Angiology, Vascular Surgery Clinical Pharmacology Emergency Medicine and Oxyology	examination	
Ophthalmology	3 weeks	4	Internal Medicine I.,	examination	

			Cardiology, Heart Surgery, Angiology, Vascular Surgery, Surgery	n	
Neurology and Neurosurgery	4 weeks	6	Internal Medicine I., Medical Imaging	examination	
Psychiatry and Psychotherapy	4 weeks	6	Pharmacology II.	examination	
Sports Medicine	1 week	2	Internal Medicine I., Cardiology, Heart Surgery, Angiology, Vascular Surgery	examination	
Clinical Genetics	1 week	2	Pharmacology II., Genetics and Genomics, Pathology II.	examination	
Medical Rehabilitation	1 week	2	Cardiology, Heart Surgery, Angiology, Vascular Surgery, Orthopedics	examination	
Public Health	3 weeks	7	Cardiology, Heart Surgery, Angiology, Vascular Surgery Oncology and Plastic Surgery, Medical Statistics, Informatics and Telemedicine	examination	
Physical Education (PE) IX.	0	1	0	-	signature
Physical Education (PE) X.	0	1	0	-	signature
			59		
11th and 12th semester (6th year)					
Internal Medicine (final year's practice)	8 weeks (incl. 1 week Infectology and 1 week Family Medicine)	8	Internal Medicine II., Medical Imaging, Pulmonology and Thoracic Surgery		final
Surgery (final year's practice)	6 weeks (incl. 1 week Vascular Surgery, 1 week Traumatology)	6	Traumatology, Urology, Ophthalmology		final
Pediatrics (final year's practice)	6 weeks	6	Internal Medicine II., Pediatrics, Clinical Genetics		final
Obstetrics and Gynecology (final year's practice)	4 weeks	4	Clinical Genetics, Obstetrics and Gynecology		final
Neurology (final year's practice)	3 weeks	3	Neurology and Neurosurgery		final
Psychiatry (final year's practice)	3 weeks	3	Psychiatry and Psychotherapy		final
Prehospital Emergency Medicine	2 weeks	2	Intensive Therapy and Anaesthesiology, Emergency Medicine and Oxyology, Traumatology		pract. mark
Transfusion	1 week	1	Intensive Therapy and Anaesthesiology, Internal Medicine II.		pract. mark
Six-week Facultative course	6 weeks	6	Internal Medicine II., Surgery, Last course of the chosen field (announced in the 5th year at latest)		pract. mark
Physical Education (PE) XI.	0	1	0	-	signature
Physical Education (PE) XII.	0	1	0	-	signature
Complementary elective internship practice (GMC elective)	5 weeks duration (2 "gap" weeks + 3 weeks in May) Practice time: 40 hours per week; Credits: 5	5	Internal Medicine II. Obstetrics-Gynecology Pediatrics		pract. mark
Thesis work	In addition to	20			defence

	individual student preparation, at least 20 contact hours with the supervisor.			
		59+5		
elective subjects in all in the 1-6 years				
Obligatory elective subjects	<i>For those who started their studies in 2021/2022 academic year, minimum 4% of the total number of credits required.</i>	As determined at the relevant subject.		

4th and 5th Years (7th-10th semesters)

Teaching is done in “clean” blocks: Theory + Practice + Exam. (Practices are taught by “shadowing”)

The time span of each block depends on the credit value of the subjects: 1 to 5 weeks.

Pharmacology and Pharmacotherapy is taught on a weekly regular basis for 2*14 weeks in the 7th and 8th semesters.

For example: based on a subject of 2 credits:

2 credits × 14 lessons = 28 lessons (1 semester consists of 14 weeks. The number of credits are equal with the lessons in a week)

Education is provided as 8 lessons in a day: 4 days × 8 lessons = 32 lessons

the training and the exam must be completed in 2 weeks

approx. 40 students will be trained by providing 4 days of training and 2 days of exams within 10 working days.

6th Year:

Teaching is done following four rotation program schedules. Students must choose one fixed programs before the year starts. Programs must not be mixed. Separate certificates must be filled for each specialty (e.g. one for Surgery, one for Traumatology etc.). The certificate should be sent to the relevant Department of Semmelweis University immediately after completing the internship.

Rotations can be done only at University Hospitals or Teaching Hospitals of EU countries. A letter of acceptance must be presented and accepted by the relevant Semmelweis Department(s) before the practice. The document(s) has to be presented at the Directorate of International Studies 30 days prior to the rotation. The statement and competence list has to be attached as well.

Students must complete 360 credit points until the end of the examination period of your 6th year

The subjects taken into consideration when calculating the average of the diploma are the following:

all subject with final exam

list of the subjects ending with a semifinal:

- Medical biology
- Medical chemistry
- Genetics and genomics
- Immunology
- Otorhinolaryngology
- Dermatology
- Clinical Genetics
- Oncology (from 2025)
- Orthopedics
- Pulmonology (from 2025)
- Radiology
- Urology
- Forensic Medicine
- Ophthalmology
- Oral surgery and dentistry
- grade of the thesis

grade of the written part of the final board examination
grade of the oral part of the final board examination
grade of the practical part of the final board examination

THE WORDS OF OATH AT GRADUATION

Faculties of Medicine

"I, swear that I will devote myself to the medical profession at all times. I will use the knowledge acquired in the field of medicine to prevent and cure diseases, and to benefit the physical and mental well-being of my patients. I will not betray the confidence of those who turn to me, nor will I take advantage of their defenselessness, nor will I disclose their secrets. I will treat every person with equal care and attention. I will maintain the high quality of my knowledge and skills by continuous education, but will also acknowledge the limits of my knowledge and abilities. I will submit myself to the ethical requirements of my medical practice. I will strive to enhance the reputation of the medical profession and SEMMELWEIS University."