Semmelweis University
Faculty of Health Sciences

CURRICULUM

EK_Diagn_A_TB_O_2024-25-1

Speciality: Medical Diagnostic Analysis
Specialist program: Optometry
Full-time course

Scientific Disciplines	Neptun code	Subject	Name of the person responsible for the subject	I.						II.						III.						IV.						V.						VI.						VII.						VIII.						Total number of classes	Total number of credits	Method of evaluation	
				Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr			End-term e	Pr
Basic Health Sciences	EBTADEOPMO01	Anatomy	Dr. Valasek Tamás	36	0	12	0	72	4	36	0	12	0	72	4																																					**240**	**8**	I., II	
Basic Health Sciences	EBTADEOPMO02	Physiology and Pathophysiology	Dr. Lévay György							48	0	12	0	90	5	24	0	12	0	54	3																															**240**	**8**	II., III.	
Basic Health Sciences	EBTADEOPMO03	Basic of Immunology	Bednárikné Dr. Dörnyei Gabriella													12	0	0	0	18	1																															**30**	**1**	III.	
Basic Health Sciences	EBTADEOPAP04	Basic Nursing Care	Dr. Balogh Zoltán							18	0	6	0	36	2																																					**60**	**2**	II.	
Applied Health Sciences	EBTADEOPPS05	Health Psychology	Dr. Rados Melinda																			28	0	8	0	54	3																									**90**	**3**	IV.	
Applied Health Sciences	EBTADEOPNY06	Healthcare Terminology	Szöllösi Lili							0	24	0	0	36	2																																					**60**	**2**		II.
Applied Health Sciences	EBTADEOPOX07	First Aid	Dr. Hornyák István													6	0	18	0	36	2	6	0	18	0	36	2																									**120**	**4**	III. pe, IV.	
Applied Health Sciences	EBTADEOPEK08	Basics of Preventive Medicine	Dr. Domján Gyula							12	0	0	0	18	1																																					**30**	**1**	II.	
Applied Health Sciences	EBTADEOPEP09	Microbiology, Public Health and Epidemiology	Kádár László Csaba													12	0	12	0	36	2	48	0	0	0	72	4																									**180**	**6**	III., IV.	
Applied Health Sciences	EBTADEOPEK10	Epidemiology of Non-Infectious Diseases	Dr. Domján Gyula													12	0	0	0	18	1																															**30**	**1**	III.	
Applied Health Sciences	EBTADEOPSZ11	Odservational Practice - Introduction to Health Sciences	Dr. Kovács Illés	0	0	48	0	72	4																																											**120**	**4**		I.
Applied Health Sciences	EBTADEOPNY12	Medical Latin	Szöllösi Lili	0	24	0	0	36	2																																											**60**	**2**		I.
Applied Health Sciences	EBTADEOPPS13	Basics of Health Education	Dr. Tóth Timea	0	12	0	0	18	1																																											**30**	**1**		I.
Applied Health Sciences	EBTADEOPFT14	Basic physiotherapy knowledge	Szalai Emese													8	0	4	0	18	1																															**30**	**1**	III.	
Nursing Sciences	EBTADEOPDI15	Basic of healthy nutrition	Kormosné Bugyi Zsuzsanna													12	0	0	0	18	1																															**30**	**1**	III.	
Human Sciences	EBTADEOPPS16	Basic of Psychology	Dr. Kovács Zsuzsanna	24	0	0	0	36	2	12	0	0	0	18	1																																					**90**	**3**	I.,II.	
Applied Health Sciences	EBTADEOPPS17	Career socialisation	Dr. Rados Melinda	0	24	0	0	36	2	0	24	0	0	36	2																																					**120**	**4**		I.,II.
Applied Health Sciences	EBTADEOPSZ22	Healthcare communication	Dr. Rados Melinda																															0	12	0	0	18	1													**30**	**1**		VI.
Social Sciences	EBTADEOPTT18	Bioethics and Humanities	Dr. Némethné Dr. Gradvohl Edina																			8	4	0	0	18	1																									**30**	**1**		IV.
Social Sciences	EBTADEOPTT19	Health and Society	Dr. Horkai Anita	12	12	0	0	36	2																																											**60**	**2**	I. p.e.	
Social Sciences	EBTADEOPTT20	Healthcare Law	Dr. Feith Helga Judit																									12	12	0	0	36	2																			**60**	**2**		V.
Social Sciences	EBTADEOPTT21	Healthcare Management	Vártokné Dr. Hevér Noémi																									8	16	0	0	36	2																			**60**	**2**		V.
Natural Sciences	EBTADEOPMO23	Applied Biology	Suhajdáné Dr. Urbán Veronika	24	0	0	0	36	2																																											**60**	**2**	I.	
Natural Sciences	EBTADEOPMO24	Biochemistry	Dr. Földvári-Nagy Lászlóné Dr. Lenti Katalin	12	0	0	0	18	1																																											**30**	**1**	I.	
Applied Health Sciences	EBTADEOPEM25	Introduction to digital healthcare	Papp József Péter							0	0	24	0	36	2																																					**60**	**2**		II.
Natural Sciences	EBTADEOPKD26	Basics of Medical Technology and Biophysics	Dr. Dió Mihály	24	0	0	0	36	2																																											**60**	**2**	I.	
Natural Sciences	EBTADEOPKD27	Application of Medical Instruments	Dr. Dió Mihály							24	0	0	0	36	2																																					**60**	**2**	II.	
Natural Sciences	EBTADEOPEK28	Basics of Natural Sciences	Dr.Domján Gyula	36	0	36	0	108	6	48	0	24	0	108	6																																					**360**	**12**	I., II.	
Specialized Applied Health Sciences	EBTADEOPSZ29	Inpatient Examination	Dr. Füst Ágnes																															0	0	12	0	18	1	0	0	24	0	36	2	0	0	12	0	18	1	**120**	**4**		VI., VII., VIII.
Specialized Applied Health Sciences	EBTADEOPSZ30	Pediatric Ophthalmology Practice	Dr. Szamosi Anna																																											0	0	24	0	36	2	**60**	**2**		VIII.
Specialized Applied Health Sciences	EBTADEOPAP31	Clinical Simulation	Dr. Pápai Tibor																			0	0	12	0	18	1																									**30**	**1**		IV.
Specialized Applied Health Sciences	EBTADEOPSZ32	Ophthalmology Clinical Practice	Dr. Nagy Zoltán Zsolt																									0	0	24	0	36	2	0	0	24	0	36	2	0	0	24	0	36	2	0	0	24	0	36	2	**240**	**8**		V., VI., VII., VIII.
Specialized Applied Health Sciences	EBTADEOPSZ33	Ophthalmology Outpatient Clinic	Dr. Ecsedy Mónika																																											0	0	60	0	90	5	**150**	**5**		VIII.
Theoretical and Clinical Medicine	EBTADEOPEK34	Pharmacology	Kovácsné Dr. Balogh Judit																			24	0	0	0	36	2																									**60**	**2**	IV.	
Theoretical and Clinical Medicine	EBTADEOPSZ35	Ocular Anatomy	Dr. Kovács Illés													48	0	0	0	102	5																															**150**	**5**	III.	
Theoretical and Clinical Medicine	EBTADEOPSZ36	Basics knowledge of Clinical Ophthalmology	Dr. Nagy Zoltán Zsolt																			36	0	0	0	84	4	36	0	0	0	84	4																			**240**	**8**	V.	IV.,
Theoretical and Clinical Medicine	EBTADEOPSZ37	Ophthalmic Pathology	Dr. Kovács Illés													72	0	0	0	108	6																															**180**	**6**	III.	
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ38	Physiology and Pathology of Binocular Vision	Dr. Ecsedy Mónika																									36	0	0	0	84	4	36	0	0	0	54	3													**210**	**7**	V., VI.	
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ39	Applied Basic Ophthalmological Procedures	Dr. Tapasztó Beáta							0	0	24	0	36	2	0	0	48	0	72	4																															**180**	**6**		II., III.
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ40	Field Practice in the Demonstration Room	Réz Kata																									0	0	48	0	42	3	0	0	50	0	100	5	0	0	48	0	42	3							**330**	**11**		V., VI., VII.
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ41	Pediatric Ophthalmology	Dr. Szamosi Anna																																					24	0	0	0	36	2							**60**	**2**	VII.	
Special Knowledge in Health Sciences- Optometry	EBTADEOPEK42	Basics of Clinical Knowledge and Immunology	Dr. Gadó Klára																			36	0	0	0	54	3																									**90**	**3**	IV.	
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ43	Contactology	Dr. Végh Mihály																															36	0	36	0	108	6	36	0	36	0	48	4	24	0	24	0	42	3	**390**	**13**	VI., VII., VIII.	
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ44	Contactology field Practice	Dr. Végh Mihály																																					0	0	24	0	36	2	0	0	36	0	54	3	**150**	**5**		VII., VIII.
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ45	Optical Materials and Manufacturing Technology	Réz Kata	12	0	12	0	6	1																																											**30**	**1**	I.	
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ46	Optical Shop	Dr. Végh Mihály																									0	0	20	0	70	3	0	0	36	0	54	3	0	0	12	0	78	3	0	0	36	0	84	4	**390**	**13**		V., VI., VII., VIII.
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ47	Basics of the Optometrist Profession	Dr. Tapasztó Beáta	18	0	18	0	24	2	24	0	0	0	6	1																																					**90**	**3**	I., II.	
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ48	Basics of Ophthalmic Technology	Dr. Szabó Antal																			12	0	12	0	66	3																									**90**	**3**		IV.
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ49	Physiological Optics	Dr. Szabó Antal																			72	0	0	0	108	6	63	0	0	0	147	7																			**390**	**13**	IV., V.	
Special Knowledge in Health Sciences- Optometry	EBTADEOPSZ50	Prescribing Eyeglasses	Dr. Ecsedy Mónika																																					18	0	18	0	54	3	9	0	27	0	54	3	**180**	**6**	VII., VIII.	
	Thesis																																																						
	EBTADEOPTT51	Thesis Methodology	Dr. Vingender István																															24	24	0	0	72	4													**120**	**4**		VI.
	EBTADEOPSZ52	Thesis	Dr. Kovács Illés																															0	0	0	24	36	2	0	0	0	96	144	8	0	0	0	72	108	6	**480**	**16**		VI., VII., VIII.
	Elective Courses																																																						
		Elective Courses													1						5						4						1						1													**0**	**12**	as prescribed	

Scientific Disciplines	Neptun code	Subject	Name of the person responsible for the subject	I.						II.						III.						IV.						V.						VI.						VII.						VIII.						Total number of classes	Total number of credits	Method of evaluation	
				Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr	Lec	S	Pr	Tut	Ind	Cr			End-term e	Pr
	Criteria subjects																																																					
	EBTADEOPSZ53	Study consultation		0	0	0	28	0	0	0	0	0	28	0	0	0	0	0	28	0	0	0	0	0	28	0	0	0	0	0	28	0	0	0	0	0	28	0	0	0	0	0	28	0	0	0	0	0	28	0	0				I-VIII. ai
	EBTADEOPMO54	Propaedeutics of Natural Sciences	Dr. Kocsis László Lajos	24	0	0	0	52	0																																											**76**	**0**		I. sign
	EBTADEOPEP55	Work Safety and Fire Prevention	Dr. Sinka Magdolna													0	0	12	0	26	0																															**38**	**0**		III ai
	EBTADEOPBF56	Healthcare Aspects of Disaster Preparedness and Response	Kocsik Pál													4	0	0	0	0	0	4	0	0	0	0	0																									**8**	**0**		III-IV ai
	EBTADEOPNY57	Basics of Foreign Language	Marthy Annamária	0	48	0	0	72	0	0	48	0	0	72	0	0	48	0	0	72	0	0	48	0	0	72	0																												I, II, III, IV sign
	EBTADEOPTTS8	Introduction to Higher Education Studies	Dr. Vingender István	20	0	0	0	24	0																																											**44**	**0**		I sign
	EBTADEOPTT59	Basic of Professional ethics	Dr. Vingender István																																											4	0	0	0	0	0	**4**	**0**		VIII sign
	EBTADEOPTS60	Phisical education	Soós Gábor	0	0	14	0	6	0	0	0	14	0	6	0	0	0	14	0	6	0	0	0	14	0	6	0	0	0	14	0	6	0	0	0	14	0	6	0	0	0	14	0	6	0										I-VII sign
	EBTADEOPNY61	Foreign Language for Healthcare Purposes	Dr. Fogarasi Katalin																									0	36	0	0	54	0	0	36	0	0	54	0													**180**	**0**		V., VI. sign.
	Total	**Lecture**		**242**						**222**						**210**						**274**						**155**						**96**						**78**						**37**									
		Seminar			**120**						**96**						**48**						**52**						**64**						**72**						**0**						**0**									
		Practice				**140**						**116**						**120**						**64**						**106**						**172**						**200**						**243**						**7190**			
		Tutorial					**28**						**28**						**28**						**28**						**28**						**52**						**124**						**100**									
		Individual Work						**688**						**606**						**584**						**624**						**595**						**556**						**516**						**522**									
		Credit		**31**						**31**						**31**						**33**						**28**						**28**						**29**						**29**							**240**		

Lec – Lecture
S - Seminar
Pr – Practice
Tut – Tutorial
Ind – Individual work
Cr – Credit