

**MEDICAL UNIVERSITY OF SILESIA IN KATOWICE**  
**FACULTY OF MEDICAL SCIENCES IN KATOWICE**

Academic year 2022/2023

**Pre-medical program**

**FIRST YEAR**

1<sup>st</sup> semester

	Course	Lectures	Seminars	Labs	Total no of hrs	Credit/Exam	ECTS
1.	Biochemistry with elements of chemistry I	15	15	-	<b>30</b>	credit	4
2.	General physics I	-	35	-	<b>35</b>	credit	5
3.	General biology	-	68	-	<b>68</b>	grade credit	9
4.	Methodology of learning	-	10	-	<b>10</b>	credit	2,5
5.	Basic philosophy / history of medicine	20	20	-	<b>40</b>	grade credit	6
6.	Basic patient's care	10	10	-	<b>20</b>	credit	0,5
7.	Polish I	-	-	30	<b>30</b>	grade credit	0,5
8.	Physical education	-	-	30	<b>30</b>	credit	1
9.	Nursing practice (summer clerkship)	-	-	40	<b>40</b>	credit	1,5
10.	Safety training	4	-	-	<b>4</b>	credit	0
	<b>TOTAL</b>				<b>307</b>		<b>30</b>

2<sup>nd</sup> semester

	Course	Lectures	Seminars	Labs	Total no of hrs	Credit/Exam	ECTS
1.	Biochemistry with elements of chemistry II	-	40	-	<b>40</b>	<b>exam</b>	5
2.	General physics II	-	45	-	<b>45</b>	<b>exam</b>	5
3.	Introduction to cell biology	-	25	-	<b>25</b>	<b>exam</b>	3
4.	Introduction to physiology	20	28	-	<b>48</b>	grade credit	6
5.	Basic statistics	-	55	-	<b>55</b>	grade credit	7
6.	Physical education	-	-	30	<b>30</b>	credit	1
7.	Polish II	-	-	30	<b>30</b>	grade credit	0,5
8.	Nursing practice (summer clerkship)	-	-	80	<b>80</b>	credit	2,5
	<b>TOTAL</b>				<b>353</b>		<b>30</b>

	<b>TOTAL</b>				<b>660</b>		<b>60</b>
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## SECOND YEAR

3<sup>rd</sup> semester

	Course	Lectures	Seminars	Labs	Total no of hrs	Credit/Exam	ECTS
1.	Human biology	-	30	-	<b>30</b>	credit	3
2.	Biochemistry with elements of chemistry III	10	30	-	<b>40</b>	credit	5
3.	Genetics I	30	30	-	<b>60</b>	grade credit	6,5
4.	Molecular biology	10	20	-	<b>30</b>	<b>exam</b>	3
5.	Sociology of medicine	10	20	-	<b>30</b>	grade credit	3
6.	Parasitology	5	-	10	<b>15</b>	grade credit	2
7.	Ethics & Jurisprudence	30	-	-	<b>30</b>	<b>exam</b>	3
8.	Propedeutics of oncology	18	2	-	<b>20</b>	credit	2,5
9.	First Aid	5	5	10	<b>20</b>	credit	0,5
10.	Polish III	-	-	30	<b>30</b>	grade credit	0,5
11.	Emergency medicine (summer clerkship)	-	-	30	<b>30</b>	credit	1
	<b>TOTAL</b>				<b>335</b>		<b>30</b>

4<sup>th</sup> semester

	Course	Lectures	Seminars	Labs	Total no of hrs	Credit/Exam	ECTS
1.	Human biology	-	20	-	<b>20</b>	<b>exam</b>	3
2.	Biochemistry with elements of chemistry IV	10	50	-	<b>60</b>	<b>exam</b>	6
3.	Introduction to medical analyses	35	30	-	<b>65</b>	grade credit	6,5
4.	Behavioral sciences (Psychology)	15	15	-	<b>30</b>	grade credit	3
5.	Biostatistics, epidem. & public health	10	-	30	<b>40</b>	<b>exam</b>	5
6.	Palliative care	-	22	8	<b>30</b>	grade credit	3
7.	Polish IV	-	-	30	<b>30</b>	grade credit	0,5
8.	Outpatient care practice (summer clerkship)	-	-	90	<b>90</b>	credit	3
	<b>TOTAL</b>				<b>365</b>		<b>30</b>

	<b>TOTAL</b>				<b>700</b>		<b>60</b>
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## Medical program

### THIRD YEAR

1<sup>st</sup> semester

	Course	Lectures	Seminars	Labs	Total no of hrs	Credit/Exam	ECTS
1.	Gross Anatomy I	30	-	75	<b>105</b>	credit	9
2.	Histology I	10	15	20	<b>45</b>	credit	3
3.	Biochemistry with elements of chemistry V	60	30	30	<b>120</b>	<b>exam</b>	10
4.	Biophysics	-	-	15	<b>15</b>	<b>exam</b>	1
5.	EBM (Evidence Based Medicine)	4	6	0	<b>10</b>	credit	1
6.	Environmental Health	10	16	24	<b>50</b>	credit	4
7.	Introduction to surgery I	5	5	20	<b>30</b>	credit	2
	<b>TOTAL</b>				<b>375</b>		<b>30</b>

2<sup>nd</sup> semester

	Course	Lectures	Seminars	Labs	Total no of hrs	Credit/Exam	ECTS
1.	Gross Anatomy II	30	-	75	<b>105</b>	<b>exam</b>	8
2.	Immunology	19	19	22	<b>60</b>	grade credit	4
3.	Histology II	10	15	20	<b>45</b>	<b>exam</b>	4
4.	Genetics II	20	20	20	<b>60</b>	grade credit	4
5.	Physiology I	20	15	25	<b>60</b>	credit	4
6.	Introduction to surgery II	5	5	20	<b>30</b>	grade credit	2
7.	Summer clerkship (Internal Medicine)	-	-	120	<b>120</b>	credit	4
	<b>TOTAL</b>				<b>480</b>		<b>30</b>

	<b>TOTAL</b>				<b>855</b>		<b>60</b>
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## FOURTH YEAR

3<sup>rd</sup> semester

	Course	Lectures	Seminars	Labs	Total no of hrs	Credit/Exam	ECTS
1.	Microbiology & virusology I + II	15	15	40	<b>70</b>	<b>exam</b>	6
2.	Physiology II	20	15	25	<b>60</b>	<b>exam</b>	5
3.	Embryology	-	30	-	<b>30</b>	grade credit	2
4.	Pharmacology I	20	20	40	<b>80</b>	credit	7
5.	Pathomorphology I	40	10	30	<b>80</b>	credit	7
6.	Clinical Analysis	10	15	20	<b>45</b>	grade credit	3
	<b>TOTAL</b>				<b>365</b>		<b>30</b>

4<sup>th</sup> semester

	Course	Lectures	Seminars	Labs	Total no of hrs	Credit/Exam	ECTS
1.	Pharmacology II	25	20	40	<b>85</b>	<b>exam</b>	6
2.	Pathophysiology	20	15	45	<b>80</b>	<b>exam</b>	6
3.	Neuroscience	30	45	-	<b>75</b>	<b>exam</b>	5
4.	Physical Diagnosis / IM	-	-	45	<b>45</b>	credit	2
5.	Pathomorphology II	30	20	40	<b>90</b>	<b>exam</b>	6
6.	Nuclear medicine	-	20	-	<b>20</b>	credit	1
7.	Summer clerkship (pediatrics)	-	-	60	<b>60</b>	credit	2
8.	Summer clerkship (intensive care)	-	-	60	<b>60</b>	credit	2
	<b>TOTAL</b>				<b>515</b>		<b>30</b>

	<b>TOTAL</b>				<b>880</b>		<b>60</b>
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**FIFTH YEAR**

		<b>Clinical rotation</b>	<b>Total number of weeks (hrs)</b>	<b>Credit/Exam</b>	<b>ECTS</b>
1.	Core	Internal Medicine I (introduction)	2 (60 hrs)	<b>exam</b>	3
		Internal Medicine II + III (cardiology)	2 (60 hrs)		3
		Internal Medicine IV (pulmonology)	1 (30 hrs)		1,5
		Internal Medicine V (imaging techniques)	1 (30 hrs)		1,5
		Internal Medicine VI (oncology)	1 (40 hrs)		2
		Internal Medicine VII (hematology)	1 (30 hrs)		1,5
		Internal Medicine VIII (gastroenterology)	1 (30 hrs)		1,5
		Internal Medicine IX (nephrology)	1 (30 hrs)		1,5
		Internal Medicine X (metabolic disease)	1 (30 hrs)		1,5
		Internal Medicine XI (rheumatology)	1 (30 hrs)		1,5
		2.	Core		Surgery I (introduction)
Surgery II (introduction)	1 (30 hrs)			1,5	
Surgery III (general/vascular surgery)	2 (60 hrs)			3	
Surgery IV (surgery of digestive tract)	2 (60 hrs)			3	
Surgery V (neurosurgery)	1 (30 hrs)			1,5	
Surgery VI (cardio- and thoracosurgery)	2 (60 hrs)			3	
Surgery VII (orthopedics)	1 (45 hrs)			2	
Surgery VIII (urology)	1 (30 hrs)			1,5	
Surgery IX (endocrine/transplantation)	1 (30 hrs)			1,5	
3.	Pediatrics - Core	6 (180 hrs)	<b>exam</b>	9	
4.	Obstetrics and Gynecology - Core	6 (240 hrs)	<b>exam</b>	10	
5.	Summer clerkship (surgery)	2 (60 hrs)	credit	2	
6.	Summer clerkship (OB/GYN)	2 (60 hrs)	credit	2	
		<b>TOTAL</b>	<b>40 (1,285 hrs)</b>		<b>60</b>

**SIXTH YEAR**

		<b>Clinical rotation</b>	<b>Total number of weeks (hrs)</b>	<b>Credit/Exam</b>	<b>ECTS</b>
1.		Psychiatry - Core	6 (180 hrs)	<b>exam</b>	8
2.	Sub-I.	Internal Medicine (general medicine)	1 (42 hrs)	grade credit	1,5
		Internal Medicine (nuclear medicine)	1 (35 hrs)	grade credit	1,5
		Internal Medicine (infectious disease)	1 (30 hrs)	grade credit	1,5
		Internal Medicine (dermatology)	1 (30 hrs)	grade credit	1,5
		Internal Medicine (neurology)	1 (30 hrs)	grade credit	1,5
		Internal Medicine (general medicine/geriatrics)	1 (42 hrs)	grade credit	1,5
3.	Sub-I.	Family Practice (family practice)	2 (75 hrs)	grade credit	3
		Family Practice (emergency medicine)	1 (30 hrs)	grade credit	1,5
		Family Practice (laryngology)	1 (30 hrs)	grade credit	1,5
		Family Practice (ophthalmology)	3 days (28 hrs)	grade credit	1,5
		Family Practice (radiology)	1 (40 hrs)	grade credit	1,5
		Family Practice (basic dentistry)	2 days (15 hrs)	grade credit	0,5
4.	Sub-I.	Pediatrics (general pediatrics)	1 (30 hrs)	grade credit	1,5
		Pediatrics (pediatric neurology)	1 (30 hrs)	grade credit	1,5
		Pediatrics (neonatal intensive care)	1 (30 hrs)	grade credit	1,5
		Pediatrics (otolaryngology)	1 (30 hrs)	grade credit	1,5
5.	Electives	Internal Medicine	4 (110 h)	grade credit	5
		Pediatrics	3 (90 h)	grade credit	4
		Surgery	2 (60 h)	grade credit	2,5
		Anesthesiology	2 (60 h)	grade credit	2,5
		Ophthalmology	1 (32 h)	grade credit	1,5
		Dermatology	1 (30 h)	grade credit	1,5
		Infectious Disease	1 (30 h)	grade credit	1,5
		Family Practice	1 (30 h)	grade credit	1,5
		Rehabilitation	1 (30 h)	grade credit	1,5
		Emergency Medicine	1 (30 h)	grade credit	1,5
		Neurology	1 (30 h)	grade credit	1,5
		Neurosurgery	1 (30 h)	grade credit	1,5
		Forensic Medicine	1 (45 h)	grade credit	1,5
		<b>TOTAL</b>	<b>42 (1,334 hrs)</b>		<b>60</b>