

# CURRICULUM FOR THE 6-YEAR MEDICINE PROGRAM IN ENGLISH

## 1<sup>ST</sup> YEAR, ACADEMIC YEAR 2022/2023

**LEVEL OF STUDIES: UNIFORM MA STUDIES, EDUCATION PROFILE: GENERAL ACADEMIC, FORM OF STUDIES: FULL-TIME**  
pursuant to the education standards of July 26<sup>th</sup> 2019 (Dz.U. of 2019 item 1573)

No.	Obligatory courses	Person in charge	Winter semester						Summer semester						Total hours	Total ECTS
			L	S	C	Credit	Hours	ECTS	L	S	C	Credit	Hours	ECTS		
1.	Anatomy	dr Marek Syrycki., prof. WMU	15	-	65 <sup>MC</sup>	grade	80	4,5	15	-	65 <sup>MC</sup>	grade/exam	80	8,5	160	13,0
2.	Biochemistry with elements of chemistry (1)	dr hab. Małgorzata Matusiewicz	14	-	24 <sup>LC</sup>	grade	38	2,5	15	15	32 <sup>LC</sup>	grade	62	5,5	100	8,0
3.	Biophysics	dr hab. Olga Wesołowska	22	-	33 <sup>LC</sup>	grade/exam	55	4,5	-	-	-	-	-	-	55	4,5
4.	Molecular Biology	prof. Andrzej Hendrich	25	25	15 <sup>MC</sup>	grade/exam	65	5,5	-	-	-	-	-	-	65	5,5
5.	Human Embriology	prof. Marzenna Podhorska-Okolów	-	30	-	grade	30	1,5	-	-	-	-	-	-	30	1,5
6.	Medical Ethics	dr hab. Jarosław Barański	-	-	-	-	-	-	-	30	-	grade	30	2,5	30	2,5
7.	Histology with cytophysiology	prof. Marzenna Podhorska-Okolów	10	-	40 <sup>MC</sup>	grade	50	3,0	10	-	60 <sup>MC</sup>	grade/exam	70	7,5	120	10,5
8.	History of Medicine	dr hab. Jarosław Barański	5	10	-	grade	15	1,0	-	-	-	-	-	-	15	1,0
9.	Polish (1) English (1)	mgr Edyta Murawska-Klamut mgr Dagmara Drozd	-	-	30 <sup>L</sup>	grade	30	1,5	-	-	30 <sup>L</sup>	grade	30	1,5	60	3,0
10.	Medical First Aid with Elements of Nursing	dr hab. Waldemar Goździk, prof. WMU	-	10	10 <sup>CSC</sup>	grade	20	1,0	-	-	-	-	-	-	20	1,0
11.	Basic Information Technology and Biostatistics	dr hab. Krystyna Laszki-Szcząchor	10	-	15 <sup>MC</sup>	grade	25	1,5	-	-	15 <sup>MC</sup>	grade	15	1,0	40	2,5
12.	Physical Education	dr Aureliusz Kosendiak	-	-	30 <sup>PE</sup>	credit	30	0,0	-	-	30 <sup>PE</sup>	credit	30	0,0	60	0,0
13.	Safety and fire training		4 <sup>EL</sup>		-	credit	4	0,0	-		-	-	-	-	4	0,0
14.	<b>Optional Courses:</b> Student is obligated to complete 60 hours of optional subjects		-	30		grade	30	1,5	-	30		grade	30	1,5	60	3,0
15.	<b>Summer Apprenticeship:</b> Practical training in patient care in clinical hospitals or clinical wards - 4 weeks (120h)											credit	120	4,0	120	4,0
<b>Total:</b>			<b>105</b>	<b>75</b>	<b>262</b>	<b>-</b>	<b>472</b>	<b>28,0</b>	<b>40</b>	<b>45</b>	<b>232</b>	<b>-</b>	<b>467</b>	<b>32,0</b>	<b>939</b>	<b>60,0</b>

L - lecture; AC – auditorium classes; MC – major classes (non-clinical); CC – clinical classes; LC – laboratory classes; SCM – specialist classes (magister studies); CSC – classes in simulated conditions; PE – physical education (obligatory); EL – E-learning

prof. dr hab. Andrzej Hendrich  
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## CURRICULUM FOR THE 6-YEAR MEDICINE PROGRAM IN ENGLISH

### 2<sup>ND</sup> YEAR , ACADEMIC YEAR 2022/2023

**LEVEL OF STUDIES: UNIFORM MA STUDIES, EDUCATION PROFILE: GENERAL ACADEMIC, FORM OF STUDIES: FULL-TIME**

pursuant to the education standards of July 26<sup>th</sup> 2019 (Dz.U. of 2019 item 1573)

No.	Obligatory courses	Person in charge	Winter semester						Summer semester						Total hours	Total ECTS
			L	S	C	Credit	Hours	ECTS	L	S	C	Credit	Hours	ECTS		
1.	Clinical Anatomy	dr Marek Syrycki, prof. WMU	-	-	-	-	-	-	-	-	30 <sup>MC</sup>	grade	30	2,0	30	2,0
2.	Biochemistry with elements of chemistry (2)	dr hab. Małgorzata Matusiewicz	10	10	40 <sup>LC</sup>	grade/exam	60	6,0	-	-	-	-	-	-	60	6,0
3.	Epidemiology with elements of Hygiene	dr hab. Paweł Gać, prof. WMU	-	-	30 <sup>MC</sup>	grade/exam	30	2,5	-	-	-	-	-	-	30	2,5
4.	Physiology	prof. Beata Ponikowska	24	-	51 <sup>MC</sup>	grade	75	5,0	24	-	51 <sup>MC</sup>	grade/exam	75	7,0	150	12,0
5.	Clinical Immunology	prof. Marek Jutel	20	6	44 <sup>MC</sup>	grade/exam	70	6,0	-	-	-	-	-	-	70	6,0
6.	Polish (2) English (2)	mgr Edyta Murawska-Klamut mgr Dagmara Drozd	-	-	30 <sup>L</sup>	grade	30	1,5	-	-	30 <sup>L</sup>	grade/exam	30	2,5	60	4,0
7.	Microbiology (1)	prof. Beata Magdalena Sobieszczkańska	-	-	-	-	-	-	20	-	30 <sup>LC</sup>	grade	50	4,0	50	4,0
8.	Pathophysiology	dr hab. Tadeusz Sebzda	6	-	15 <sup>MC</sup>	grade	21	2,0	14	-	45 <sup>MC</sup>	grade/exam	59	5,0	80	7,0
9.	Pathomorphology (1)	prof. Piotr Ziółkowski	-	-	-	-	-	-	30	-	55 <sup>MC</sup>	grade	85	6,0	85	6,0
10.	Medical Psychology with Elements of Interpersonal Communication	dr hab. Jarosław Barański	-	32	8 <sup>MC</sup>	grade	40	2,5	-	-	-	-	-	-	40	2,5
11.	Sociology in Medicine	dr hab. Jarosław Barański	-	20	-	grade	20	1,0	-	-	-	-	-	-	20	1,0
12.	<b>Optional Courses:</b> Student is obligated to complete 60 hours of optional subjects		-	30		grade	30	1,5		30		grade	30	1,5	60	3,0
13.	<b>Summer Apprenticeship:</b> Practical training in general treatment (GP) in an outpatient clinic, medical healthcare centre, family practice-3 weeks (90h) Practical training in emergency medical aid in an ambulance service or emergency department - 1 week (30h)											credit	120	4,0	120	4,0
<b>Total:</b>			<b>60</b>	<b>98</b>	<b>218</b>	<b>-</b>	<b>376</b>	<b>28,0</b>	<b>88</b>	<b>30</b>	<b>241</b>	<b>-</b>	<b>479</b>	<b>32,0</b>	<b>855</b>	<b>60,0</b>

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## CURRICULUM FOR THE 6-YEAR MEDICINE PROGRAM IN ENGLISH

### 3<sup>RD</sup> YEAR, ACADEMIC YEAR 2022/2023

**LEVEL OF STUDIES: UNIFORM MA STUDIES, EDUCATION PROFILE: GENERAL ACADEMIC, FORM OF STUDIES: FULL-TIME**  
pursuant to the education standards of July 26<sup>th</sup> 2019 (Dz.U. of 2019 item 1573)

No.	Obligatory courses	Person in charge	Winter semester						Summer semester						Total hours	Total ECTS
			L	S	C	Credit	Hours	ECTS	L	S	C	Credit	Hours	ECTS		
1.	Laboratory Diagnostics	dr Iwona Bednarz-Misa, prof. WMU	-	-	-	-	-	-	10	-	30 <sup>LC</sup>	grade	40	1,5	40	1,5
2.	Dietetics	prof. Elżbieta Poniewierka	-	-	-	-	-	-	2	4	4 <sup>CC</sup>	grade	10	0,5	10	0,5
3.	Pharmacology and Toxicology	dr Anna Merwid-Ląd	30	-	45 <sup>MC</sup>	grade	75	4,0	30	-	45 <sup>MC</sup>	grade/exam	75	5,5	150	9,5
4.	Clinical Immunology	prof. Marek Jutel	-	-	-	-	-	-	20	6	44 <sup>MC</sup>	grade/exam	70	5,5	70	5,5
5.	Microbiology (2)	prof. Beata Sobieszcańska	10	-	30 <sup>LC</sup>	grade/exam	40	4,5	-	-	-	-	-	-	40	4,5
6.	Pathophysiology	dr hab. Tadeusz Sebzda	10	-	30 <sup>MC</sup>	grade	40	2,5	10	-	30 <sup>MC</sup>	grade/exam	40	3,0	80	5,5
7.	Pathomechanisms of cancer diseases	prof. Aleksandra Butrym	5	5	-	grade	10	0,5	-	-	-	-	-	-	10	0,5
8.	Pathomorphology (2)	prof. Piotr Ziótkowski	30	-	55 <sup>MC</sup>	grade/exam	85	9,0	-	-	-	-	-	-	85	9,0
9.	The Problems of Child Abuse and Neglect	lek. Wojciech Golema	-	-	-	-	-	-	10	-	-	grade	10	0,5	10	0,5
10.	Internal Medicine (Propaedeutics)	dr Robert Pawłowicz	15	5	30 <sup>CC</sup>	grade	50	3,0	15	5	30 <sup>CC</sup>	grade/exam	50	4,0	100	7,0
11.	Oncology (Propaedeutics)	prof. Rafał Matkowski	-	-	-	-	-	-	15	5	-	grade	20	1,0	20	1,0
12.	Pediatrics (Propaedeutics)	dr Aleksandra Lewandowicz-Uszyńska	14	6	35 <sup>CC</sup>	grade	55	3,5	14	6	25 <sup>CC</sup>	grade/exam	45	3,0	100	6,5
13.	Medical Psychology with Elements of Interpersonal Communication	dr Agnieszka Olchowska-Kotala	-	30	-	grade	30	1,5	-	-	-	-	-	-	30	1,5
14.	<b>Optional Courses:</b> Student is obligated to complete 60 hours of optional subjects				30	grade	30	1,5			30	grade	30	1,5	60	3,0
15.	<b>Summer Apprenticeship:</b> Practical Training in internal medicine in a clinic or internal medicine ward- 4weeks (120h)											credit	120	4,0	120	4,0
<b>Total:</b>			<b>114</b>	<b>76</b>	<b>225</b>	<b>-</b>	<b>415</b>	<b>30,0</b>	<b>126</b>	<b>56</b>	<b>208</b>	<b>-</b>	<b>510</b>	<b>30,0</b>	<b>925</b>	<b>60,0</b>

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## 4<sup>TH</sup> YEAR, ACADEMIC YEAR 2022/2023

**LEVEL OF STUDIES: UNIFORM MA STUDIES, EDUCATION PROFILE: GENERAL ACADEMIC, FORM OF STUDIES: FULL-TIME**  
pursuant to the education standards of July 26<sup>th</sup> 2019 (Dz.U. of 2019 item 1573)

No.	Obligatory courses	Person in charge	Winter semester						Summer semester						Total hours	Total ECTS
			L	S	C	Credit	Hours	ECTS	L	S	C	Credit	Hours	ECTS		
1.	Anesthesiology and Intensive Care	dr hab. Waldemar Goździk, prof. WMU	20	10	35 <sup>CC</sup>	grade/exam	65	5,0	-	-	-	-	-	-	65	5,0
2.	Surgery (1)	prof. Jerzy Rudnicki	20	10	9 <sup>CSC</sup> 16 <sup>CC</sup>	grade	55	2,0	20	10	9 <sup>CSC</sup> 16 <sup>CC</sup>	grade	55	2,0	110	4,0
3.	Maxillofacial Surgery	prof. Hanna Gerber	-	-	15 <sup>MC</sup>	grade	15	1,0	-	-	-	-	-	-	15	1,0
4.	Internal Medicine (1)	dr hab. Tomasz Witkowski	15	5	25 <sup>CC</sup>	grade	45	2,0	15	10	25 <sup>CC</sup>	grade	50	2,0	95	4,0
5.	Infectious Diseases	prof. Brygida Knysz	15	10	3 <sup>LC</sup> 32 <sup>CC</sup>	grade	60	2,5	10	5	25 <sup>CC</sup>	grade/exam	40	1,5	100	4,0
6.	Dermatology and Venerology	prof. Jacek Szepietowski	6	12	42 <sup>CC</sup>	grade/exam	60	4,5	-	-	-	-	-	-	60	4,5
7.	Crisis Resource Management	mgr Mariusz Koral	-	-	10 <sup>CSC</sup>	grade	10	0,5	-	-	-	-	-	-	10	0,5
8.	Clinical Pharmacology	prof. Anna Wiela-Hojeńska	-	-	-	-	-	-	5	-	15 <sup>MC</sup>	grade	20	1,0	20	1,0
9.	Clinical Genetics	prof. Maria Szaśiadek	20	-	50 <sup>MC</sup>	grade/exam	70	5,0	-	-	-	-	-	-	70	5,0
10.	Gynecology and Obstetrics (1)	dr hab. Marek Murawski	-	-	-	-	-	-	35	30	-	grade	65	2,5	65	2,5
11.	Nuclear Medicine	dr hab. Diana Jędrzejuk	-	-	-	-	-	-	-	10	5 <sup>CC</sup>	grade	15	0,5	15	0,5
12.	Paliative Medicine	dr hab. Waldemar Goździk, prof. WMU	-	-	-	-	-	-	-	8	7 <sup>CC</sup>	grade	15	0,5	15	0,5
13.	Forensic Medicine with Basics of Law	dr hab. Tomasz Jurek, prof. WMU	5	-	15 <sup>MC</sup>	grade	20	1,0	-	-	10 <sup>MC</sup>	grade/exam	10	1,0	30	2,0
14.	Orthopedics and Traumatology	dr hab. Szymon Dragan	15	10	30 <sup>CC</sup>	grade/exam	55	4,0	-	-	-	-	-	-	55	4,0
15.	Otolaryngology	dr hab. Tomasz Zatoński, prof. WMU	-	-	-	-	-	-	15	10	35 <sup>CC</sup>	grade/exam	60	4,5	60	4,5
16.	Pediatrics (1)	dr Tomasz Pytrus	14	5	25 <sup>CC</sup>	grade	44	1,5	16	5	25 <sup>CC</sup>	grade	46	2,0	90	3,5
17.	Radiology and diagnostic imaging	prof. Marek Szaśiadek	-	-	-	-	-	-	20	30	30 <sup>CC</sup>	grade/exam	80	6,0	80	6,0
18.	Rehabilitation	dr hab. Edyta Sutkowska	-	-	-	-	-	-	10	5	15 <sup>CC</sup>	grade	30	1,5	30	1,5
19.	<b>Optional Courses:</b> Student is obligated to complete 40 hours of optional subjects		-		20	grade	20	1,0	-		20	grade	20	1,0	40	2,0
20.	<b>Summer Apprenticeship:</b> Practical training in general surgery in a clinic or a surgical ward - 2 week (60h) Practical training in intensive care department - 2 weeks (60h)											credit	120	4,0	120	4,0
<b>Total:</b>			<b>130</b>	<b>82</b>	<b>307</b>	<b>-</b>	<b>519</b>	<b>30,0</b>	<b>146</b>	<b>23</b>	<b>317</b>	<b>-</b>	<b>626</b>	<b>30,0</b>	<b>1145</b>	<b>60,0</b>

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# CURRICULUM FOR THE 6-YEAR MEDICINE PROGRAM IN ENGLISH

## 5<sup>TH</sup> YEAR, ACADEMIC YEAR 2022/2023

**LEVEL OF STUDIES: UNIFORM MA STUDIES, EDUCATION PROFILE: GENERAL ACADEMIC, FORM OF STUDIES: FULL-TIME**

pursuant to the education standards of May 9<sup>th</sup> 2012 (Dz.U. of 2012 item 631)

No.	Obligatory courses	Person in charge	Winter semester						Summer semester						Total hours	Total ECTS
			L	S	C	Credit	Hours	ECTS	L	S	C	Credit	Hours	ECTS		
1.	Surgery (2)	prof. Wojciech Kielan	20	8	12 <sup>CSC</sup> 15 <sup>CC</sup>	grade	55	3,0	20	8	12 <sup>CSC</sup> 15 <sup>CC</sup>	grade	55	2,0	110	5,0
2.	Pediatric Surgery	prof. Dariusz Patkowski	-	3	15 <sup>CC</sup>	grade	18	1,5	-	2	15 <sup>CC</sup>	grade	17	0,5	35	2,0
3.	Internal Medicine (2)	dr hab. Agata Mulak, prof. WMU	15	5	25 <sup>CC</sup>	grade	45	2,5	15	5	25 <sup>CC</sup>	grade	45	2,0	90	4,5
4.	Geriatrics	prof. Małgorzata Sobieszcańska	5	-	15 <sup>CC</sup>	grade	20	1	5	5	10 <sup>CC</sup>	grade	20	1,0	40	2,0
5.	Gynecology and Obstetrics (2)	dr hab. Michał Pomorski	-	30	-	grade	30	2,0	30	-	20 <sup>CC</sup>	grade	50	2,0	80	4,0
6.	Emergency Medicine (1)	dr Janusz Sokołowski	10	5	10 <sup>CSC</sup> 5 <sup>CC</sup>	grade	30	2,0	10	5	10 <sup>CSC</sup> 5 <sup>CC</sup>	grade	30	1,0	60	3,0
7.	Family Medicine (1)	dr hab. Maria Bujnowska-Fedak	5		15 <sup>CC</sup>	grade	20	1	5	15	25 <sup>CC</sup>	grade	45	2,0	65	3,0
8.	Neonatology	prof. Barbara Królak-Olejnik	5	10	15 <sup>CC</sup>	grade	30	2,0	-	-	-	-	-	-	30	2,0
9.	Neurosurgery	dr hab. Paweł Tabakow, prof. WMU	-	-	-	-	-	-	15	5	15 <sup>CC</sup>	grade	35	1,5	35	1,5
10.	Neurology	dr hab. Sławomir Budrewicz, prof. WMU	-	5	25 <sup>CC</sup>	grade	30	2,0	25	5	30 <sup>CC</sup>	grade/ exam	60	4,5	90	6,5
11.	Ophthalmology	prof. Marta Misiuk-Hojło	10	5	15 <sup>CC</sup>	grade	30	2,0	10	5	15 <sup>CC</sup>	grade/ exam	30	2,5	60	4,5
12.	Oncology	prof. Rafał Matkowski	15	5	15 <sup>CC</sup>	grade	35	2,0	-	10	15 <sup>CC</sup>	grade/ exam	25	2,0	60	4,0
13.	Pediatrics (2)	prof. dr hab. Krzysztof Kałwak	8	6	16 <sup>CC</sup>	grade	30	1,5	8	6	16 <sup>CC</sup>	grade	30	1,0	60	2,5
14.	Medical Law	dr hab. Tomasz Jurek, prof. WMU	10	20	-	grade/ exam	30	3	-	-	-	-	-	-	30	3,0
15.	Psychiatry (1)	prof. Błażej Misiak	-	-	-	-	-	-	22	18	20 <sup>CC</sup>	grade	60	2,5	60	2,5
16.	Clinical Transplantation	prof. Magdalena Krajewska	5	-	8 <sup>CC</sup>	grade	13	1,0	-	4	8 <sup>CC</sup>	grade	12	0,5	25	1,5
17.	Urology	prof. Tomasz Szydelko	14	5	16 <sup>CC</sup>	grade/ exam	35	3,5	-	-	-	-	-	-	35	3,5
18.	Public Health	dr hab. Katarzyna Zatońska, prof. WMU	-	-	-	-	-	-	-	30	-	grade	30	1	30	1,0
19.	<b>Summer Apprenticeship:</b> Practical training in pediatrics in a clinic or a children's diseases ward - 2 weeks (60h) Practical training in gynecology and obstetrics in a gynecology and obstetrics clinic or a hospital ward - 2 weeks (60h)											credit	120	4,0	120	4,0
<b>Total:</b>			<b>122</b>	<b>107</b>	<b>222</b>	<b>-</b>	<b>451</b>	<b>30,0</b>	<b>165</b>	<b>123</b>	<b>256</b>	<b>-</b>	<b>664</b>	<b>30,0</b>	<b>1115</b>	<b>60,0</b>

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## CURRICULUM FOR THE 6-YEAR MEDICINE PROGRAM IN ENGLISH

### 6<sup>TH</sup> YEAR, ACADEMIC YEAR 2022/2023

**LEVEL OF STUDIES: UNIFORM MA STUDIES, EDUCATION PROFILE: GENERAL ACADEMIC, FORM OF STUDIES: FULL-TIME**  
pursuant to the education standards of May 9<sup>th</sup> 2012 (Dz.U. of 2012 item 631)

<b>PROGRAM OF PRACTICAL CLINICAL TEACHING - 6<sup>TH</sup> YEAR</b>																	
No.	Practical Clinical Teaching – main courses	Person in charge	Winter semester						Summer semester						Total hours in the year		
			CC	S	CSC	Credit	Hours	ECTS	CC	S	CSC	Form of crediting	Hours in semester	ECTS in semester	Weeks	Hours	ECTS
1.	Surgery (3)	prof. Dariusz Janczak	69	21	-	grade	90	4,0	21	9	-	Grade/ Exam I p. – test II p. – practical III p. – oral	30	4,0	4	120	8,0
2.	Internal Medicine (3)	dr hab. Monika Kosacka	120	25	-	grade	145	8,0	85	10	-	Grade/ Exam I p. – test II p. – practical III p. – oral	95	8,0	8	240	16,0
3.	Gynecology and Obstetrics (3)	prof. Mariusz Zimmer	60	-	-	Grade/ Exam I p. – test II p. – practical III p. – oral	60	4,0	-	-	-	-	-	-	2	60	4,0
4.	Emergency Medicine (2)	dr Janusz Sokołowski	13	5	12	grade	30	2,0	13	5	12	Grade/ Exam I p. – test II p. – practical III p. – oral	30	2,0	2	60	4,0
5.	Family Medicine (2)	dr hab. Maria Bujnowska-Fedak	48	12	-	Grade/ Exam I p. – test II p. – practical III p. – oral	60	4,0	-	-	-	-	-	-	2	60	4,0
6.	Pediatrics (3)	dr hab. Barbara Sozańska, prof. WMU	55	15	-	grade	70	4,0	40	10	-	Grade/ Exam I p. – test II p. – practical III p. – oral	50	4,0	4	120	8,0
7.	Psychiatry (2)	prof. Błażej Misiak	42	18	-	Grade/ Exam I p. – test II p. – practical III p. – oral	60	4,0	-	-	-	-	-	-	2	60	4,0
8.	Practical Clinical Teaching – chosen specialty (group E – non-interventional clinical sciences or F – interventional clinical sciences)	Head of teaching unit - according to the list	-	-	-	-	-	-	180	-	-	grade	180	12,0	6	180	12,0
<b>Total:</b>			<b>407</b>	<b>96</b>	<b>12</b>	<b>-</b>	<b>515</b>	<b>30,0</b>	<b>339</b>	<b>34</b>	<b>12</b>	<b>-</b>	<b>385</b>	<b>30,0</b>	<b>30,0</b>	<b>900</b>	<b>60,0</b>

CC – clinical classes; CSC – classes in simulated conditions

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Wrocław Medical University

**The student of the 6<sup>th</sup> year of the Faculty of Medicine is obliged to get credit 180 hours of Practical Clinical Teaching – chosen specialty, in academic year 2022/2023. This is a condition of completion of the year of study.**

**List of specialties of the choice for Practical Clinical Teaching during 6 year of the study in academic year 2022/2023:**

No.	Practical Clinical Teaching – chosen specialty	Department	Person in charge	Winter semester				Summer semester				Total hours in the year		
				CC	Credit	Hours	ECTS	CC	Credit	Hours	ECTS	Weeks	Hours	ECTS
1.	Anesthesiology and Intensive Care	Department and Clinic of Anaesthesiology and Intensive Care	dr hab. Waldemar Goździk, prof. WMU	-	-	-	-	180	grade	180	12,0	6	180	12,0
2.	Surgery	Department and Clinic of Vascular, General and Transplantation Surgery	prof. Dariusz Janczak	-	-	-	-	180	grade	180	12,0	6	180	12,0
3.	Surgery	Institute of Heart Diseases/ Clinical Department of Cardiac Surgery	prof. Marek Jasiński	-	-	-	-	180	grade	180	12,0	6	180	12,0
4.	Surgery	Department and Clinic of Thoracic Surgery	prof. Vladimir Bobek	-	-	-	-	180	grade	180	12,0	6	180	12,0
5.	Surgery	2 <sup>nd</sup> Department and Clinic of General and Oncological Surgery	prof. Wojciech Kielan	-	-	-	-	180	grade	180	12,0	6	180	12,0
6.	Surgery	Department of General, Minimally Invasive and Endocrine Surgery	prof. Jerzy Rudnicki	-	-	-	-	180	grade	180	12,0	6	180	12,0
7.	Pediatric Surgery	Department and Clinic of Paediatric Surgery and Urology	prof. Dariusz Patkowski	-	-	-	-	180	grade	180	12,0	6	180	12,0
8.	Internal Diseases	Department and Clinic of Angiology, Hypertension and Diabetology	prof. Andrzej Szuba	-	-	-	-	180	grade	180	12,0	6	180	12,0
9.	Internal Diseases	Department and Clinic of Endocrinology, Diabetology and Isotope Therapy	prof. Marek Bolanowski	-	-	-	-	180	grade	180	12,0	6	180	12,0
10.	Internal Diseases	Department and Clinic of Haematology, Blood Neoplasms, and Bone Marrow Transplantation	prof. Tomasz Wróbel	-	-	-	-	180	grade	180	12,0	6	180	12,0
11.	Internal Diseases	Department and Clinic of Nephrology and Transplantation Medicine	prof. Magdalena Krajewska	-	-	-	-	180	grade	180	12,0	6	180	12,0
12.	Internal Diseases	Institute of Heart Diseases/ Department and Clinic of Cardiology	prof. Andrzej Mysiak	-	-	-	-	180	grade	180	12,0	6	180	12,0
13.	Internal Diseases	Department and Clinic of Internal and Occupational Diseases and Hypertension	prof. Grzegorz Mazur	-	-	-	-	180	grade	180	12,0	6	180	12,0

14.	Internal Diseases	Department and Clinic of Rheumatology and Internal Medicine	prof. Piotr Wiland	-	-	-	-	180	grade	180	12,0	6	180	12,0
15.	Internal Diseases	Department and Clinic of Pulmonology and Lung Cancers	dr hab. Monika Kosacka, prof. WMU	-	-	-	-	180	grade	180	12,0	6	180	12,0
16.	Internal Diseases	Department and Clinic of Gastroenterology and Hepatology	prof. Elżbieta Poniewierka	-	-	-	-	180	grade	180	12,0	6	180	12,0
17.	Infectious Diseases	Department and Clinic of Infectious Diseases, Hepatology and Acquired Immune Deficiencies/ Department and Clinic of Pediatric Infectious Diseases	prof. Brygida Knysz / prof. Leszek Szenborn	-	-	-	-	180	grade	180	12,0	6	180	12,0
18.	Dermatology and Venerology	Department and Clinic of Dermatology, Venerology and Allergology	prof. Jacek Szepietowski	-	-	-	-	180	grade	180	12,0	6	180	12,0
19.	Geriatrics	Department and Clinic of Geriatrics	prof. Małgorzata Sobieszkańska	-	-	-	-	180	grade	180	12,0	6	180	12,0
20.	Gynecology and Obstetrics	1st Department and Clinic of Gynaecology and Obstetrics/ 2nd Department and Clinic of Gynaecology and Obstetrics	dr hab Marek Murawski/ prof. Mariusz Zimmer	-	-	-	-	180	grade	180	12,0	6	180	12,0
21.	Emergency Medicine	Department of Emergency Medicine	dr Janusz Sokołowski	-	-	-	-	180	grade	180	12,0	6	180	12,0
22.	Neurology	Department and Clinic of Neurology	dr hab. Sławomir Budrewicz, prof. WMU	-	-	-	-	180	grade	180	12,0	6	180	12,0
23.	Neonatology	Department and Clinic of Neonatology	prof. Barbara Królak-Olejnik	-	-	-	-	180	grade	180	12,0	6	180	12,0
24.	Ophthalmology	Department and Clinic of Ophthalmology	prof. Marta Misiuk-Hojło	-	-	-	-	180	grade	180	12,0	6	180	12,0
25.	Oncology	Department of Oncology	prof. Rafał Matkowski	-	-	-	-	180	grade	180	12,0	6	180	12,0
26.	Orthopedics and Traumatology	Department and Clinic of Orthopaedic and Traumatologic Surgery/ Department of Traumatology	dr hab. Szymon Dragan/ prof. Paweł Reichert	-	-	-	-	180	grade	180	12,0	6	180	12,0
27.	Otolaryngology	Department and Clinic of Otolaryngology Head and Neck Surgery	dr hab. Tomasz Zatoński, prof. WMU	-	-	-	-	180	grade	180	12,0	6	180	12,0



28.	Pediatrics	1st Department and Clinic of Paediatrics, Allergology and Cardiology	dr hab. Barbara Sozańska, prof. WMU	-	-	-	-	180	grade	180	12,0	6	180	12,0
29.	Pediatrics	2nd Department and Clinic of Paediatrics, Gastroenterology and Nutrition	dr Tomasz Pytrus	-	-	-	-	180	grade	180	12,0	6	180	12,0
30.	Pediatrics	Department and Clinic of Paediatric Nephrology	prof. dr hab. Katarzyna Kiliś-Pstrusińska	-	-	-	-	180	grade	180	12,0	6	180	12,0
31.	Pediatrics	Department and Clinic of Endocrinology and Diabetology for Children and Adolescents	prof. Anna Noczyńska	-	-	-	-	180	grade	180	12,0	6	180	12,0
32.	Pediatrics	Department of Paediatric Bone Marrow Transplantation, Oncology and Hematology	prof. dr hab. Krzysztof Kałwak	-	-	-	-	180	grade	180	12,0	6	180	12,0
33.	Radiology and diagnostic imaging	Department of Radiology	prof. Marek Sasiadek	-	-	-	-	180	grade	180	12,0	6	180	12,0
34.	Urology	University Centre of Excellence in Urology	prof. Tomasz Szydełko	-	-	-	-	180	grade	180	12,0	6	180	12,0

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**List of optional courses for 1<sup>st</sup> year students of the 6-year Medicine Program in English for academic year 2022/2023:**

No.	Optional courses exclusively for 1st year	Person in charge	Winter semester					Summer semester					Total ECTS
			L	S	C	ECTS	Form of crediting	L	S	C	ECTS	Form of crediting	
1.	Physical anthropology (10 hours, to be completed in the winter or the summer semester)	dr Paweł Dąbrowski	-	10	-	0,5	grade	-	10	-	0,5	grade	0,5
2.	Proteins and macromolecules in health and disease	dr Małgorzata Pupek	-	-	-	-	-	-	10	-	0,5	grade	0,5
3.	Cell and tissue culture	dr Sylwia Borska	-	-	-	-	-	-	-	10 <sup>LC</sup>	0,5	grade	0,5
4.	Units of measurement for drug calculations	dr Jolanta Lis-Kuberka	-	10	-	0,5	grade	-	-	-	-	grade	0,5
5.	Basic reactions of organic compounds in a living organism	dr Dorota Krzyżanowska-Gołąb	-	-	-	-	-	-	10	-	0,5	grade	0,5
6.	Basics of Latin	mgr Dagmara Drozd	-	-	-	-	-	-	30	-	1,5	grade	1,5
7.	Library training (10 hours, to be completed in the winter or the summer semester)	mgr Dominika Sidorska	-	10 <sup>EL</sup>	-	0,5	grade	-	10 <sup>EL</sup>	-	0,5	grade	0,5
8.	Techniques in molecular medicine	dr hab. Małgorzata Małodobra-Mazur	-	-	-	-	-	-	-	20 <sup>LC</sup>	1,0	grade	1,0

**List of optional courses for 2<sup>nd</sup> year students of the 6-year Medicine Program in English for academic year 2022/2023:**

No.	Optional courses exclusively for 2nd year	Person in charge	Winter semester					Summer semester					Total ECTS
			L	S	C	ECTS	Form of crediting	L	S	C	ECTS	Form of crediting	
1.	Anatomic basis for the physical medical examination	dr Marek Syrycki, prof. WMU	-	-	-	-	-	-	20	-	1,0	grade	1,0
2.	Medical Polish	mgr Edyta Murawska-Klamut	-	-	-	-	-	-	30 <sup>L</sup>	-	1,5	grade	1,5
3.	Selected issues in clinical biochemistry	dr Mariusz Bromke	-	20	-	1,0	grade	-	-	-	-	grade	1,0

**List of optional courses for 3<sup>rd</sup> year students of the 6-year Medicine Program in English for academic year 2022/2023:**

No.	Optional courses exclusively for 3rd year	Person in charge	Winter semester					Summer semester					Total ECTS
			L	S	C	ECTS	Form of crediting	L	S	C	ECTS	Form of crediting	
1.	Scientific information (10 hours, to be completed in the winter or the summer semester)	mgr Dominika Sidorska	-	10 <sup>EL</sup>	-	0,5	grade	-	10 <sup>EL</sup>	-	0,5	grade	0,5
2.	The new trends in laboratory diagnostic	dr Iwona Bednarz-Misa, prof. WMU	-	-	-	-	-	-	20	-	1,0	grade	1,0

**List of optional courses for 4<sup>th</sup> year students of the 6-year Medicine Program in English for academic year 2022/2023:**

No.	Optional courses exclusively for 4th year	Person in charge	Winter semester					Summer semester					Total ECTS
			L	S	C	ECTS	Form of crediting	L	S	C	ECTS	Form of crediting	
1.	Neonatal surgery (20 hours, to be completed for 2 semesters)	lek. Alicja Kalcowska	-	10	-	0,5	grade	-	10	-	0,5	grade	1,0
2.	Pediatric oncologic surgery (20 hours, to be completed for 2 semesters)	lek. Alicja Kalcowska	-	10	-	0,5	grade	-	10	-	0,5	grade	1,0
3.	Diet in prophylaxis and nutritional treatment in diseases of the gastrointestinal tract in children medicine (10 hours, to be completed in the winter or the summer semester)	dr Anna Kofla-Dłubacz	-	20	-	1,0	grade	-	20	-	1,0	grade	1,0
4.	Sports medicine	dr hab. Paweł Reichert, prof. WMU	-	-	-	-	-	-	30	-	1,5	grade	1,5
5.	Modern methods of diagnosis and treatment of ear diseases.	dr hab. Marcin Frączek	-	10	-	0,5	grade	-	-	-	-	-	0,5
6.	Preventive care in family medicine (10 hours, to be completed in the winter or the summer semester)	dr hab. Maria Bujnowska-Fedak	-	-	10 <sup>CC</sup>	0,5	grade	-	-	10 <sup>CC</sup>	0,5	grade	0,5
7.	Ultrasound in gastroenterology	dr hab. Katarzyna Neubauer, prof. WMU	-	-	-	-	-	-	-	10 <sup>CC</sup>	0,5	grade	0,5
8.	Crisis resource management (medical simulation training)	mgr Mariusz Koral	-	-	-	-	-	-	-	30 <sup>CS</sup>	1,5	grade	1,5

**List of optional courses for 1st-2nd year students of the 6-year Medicine Program in English for academic year 2022/2023:**

No.	Optional courses for 1st-2nd year	Person in charge	Winter semester					Summer semester					Total ECTS
			L	S	C	ECTS	Form of crediting	L	S	C	ECTS	Form of crediting	
1.	Immunohistochemistry and electron microscopy methods in evaluation of the morphology of various tissues and organ	prof. dr hab. Paweł Surowiak	-	-	-	-	-	-	-	10 <sup>LC</sup>	0,5	grade	0,5
2.	Obesity. Current knowledge and perspectives.	dr hab. Katarzyna Neubauer, prof. WMU	-	10	-	0,5	grade	-	-	-	-	grade	0,5

**List of optional courses for 1st-3rd year students of the 6-year Medicine Program in English for academic year 2022/2023:**

No.	Optional courses for 1st-3rd year	Person in charge	Winter semester					Summer semester					Total ECTS
			L	S	C	ECTS	Form of crediting	L	S	C	ECTS	Form of crediting	
1.	Prevention of cardiovascular diseases (20 hours, to be completed in the winter or the summer semester)	prof. dr hab. Małgorzata Sobieszkańska	-	20	-	1,0	grade	-	20	-	1,0	grade	1,0
2.	Laughter therapy (20 hours, to be completed in the winter or the summer semester)	dr Maria Kmita	-	20	-	1,0	grade	-	20	-	1,0	grade	1,0

**List of optional courses for 1st-4th year students of the 6-year Medicine Program in English for academic year 2022/2023:**

No.	Optional courses for 1st-4th year	Person in charge	Winter semester					Summer semester					Total ECTS
			L	S	C	ECTS	Form of crediting	L	S	C	ECTS	Form of crediting	
1.	Surface anatomy	dr Joanna Grzelak	-	-	-	-	-	-	10	-	0,5	grade	0,5
2.	Can we grow old in a good health? (20 hours, to be completed in the winter or the summer semester)	dr Joanna Żórawska	-	20	-	1,0	grade	-	20	-	1,0	grade	1,0

3.	Alternative diets (10 hours, to be completed in the winter or the summer semester)	dr Alicja Basiak-Rasała	-	10	-	0,5	grade	-	10	-	0,5	grade	0,5
4.	Food additives and genetically modified food – facts and myths (10 hours, to be completed in the winter or the summer semester)	dr Alicja Basiak-Rasała	-	10	-	0,5	grade	-	10	-	0,5	grade	0,5
5.	How effectively plan your time? (10 hours to be completed in the winter or the summer semester)	dr Dagmara Gaweł-Dąbrowska	-	10	-	0,5	grade	-	10	-	0,5	grade	0,5
6.	Conflicts – methods of analyzing and solving (10 hours, to be completed in the winter or the summer semester)	dr Dagmara Gaweł-Dąbrowska	-	10	-	0,5	grade	-	10	-	0,5	grade	0,5
7.	Treatment as teamwork (10 hours to be completed in the winter or the summer semester)	dr Dagmara Gaweł-Dąbrowska	-	10	-	0,5	grade	-	10	-	0,5	grade	0,5
8.	Medical aspects of social pathologies (30 hours, to be completed for 2 semesters)	dr Robert Susło	-	10	-	0,5	grade	-	20	-	1,0	grade	1,5
9.	Forensic aspects of practical anatomy (30 hours, to be completed in the winter or the summer semester)	lek. Jędrzej Siuta	-	30	-	1,5	grade	-	30	-	1,5	grade	1,5
10.	Forensic aspects of traffic accidents (30 hours, to be completed in the winter or the summer semester)	lek. Wojciech Golema	-	30	-	1,5	grade	-	30	-	1,5	grade	1,5
11.	Molecular basis of parasitological diagnostics	dr hab. Marta Kicia, prof. WMU	-	-	-	-	-	-	-	30 <sup>LC</sup>	1,5	grade	1,5
12.	From malnutrition to obesity – background, health consequences, prevention (10 hours, to be completed in the winter or the summer semester)	dr Alicja Basiak-Rasała	-	10	-	0,5	grade	-	10	-	0,5	grade	0,5
13.	Forensic aspects of data security and communication in medicine (30 hours, to be completed for 2 semesters)	dr Robert Susło	-	10	-	0,5	grade	-	20	-	1,0	grade	1,5
14.	Forensic applications of modern medical diagnostic techniques (30 hours, to be completed for 2 semesters)	dr Robert Susło	-	10	-	0,5	grade	-	20	-	1,0	grade	1,5
15.	Introduction to practical implementation of artificial intelligence to medicine	dr Agnieszka Siennicka	-	-	-	-	-	-	20	-	1,0	grade	1,0
16.	Selected elements of head and neck ultrasound anatomy	dr Zygmunt Domagała	-	-	10 <sup>CS</sup>	0,5	grade	-	-	-	-	grade	0,5
17.	Nutrition and noncommunicable diseases (10 hours, to be completed in the winter or the summer semester)	dr Alicja Basiak-Rasała	-	10	-	0,5	grade	-	10	-	0,5	grade	0,5

**List of optional courses for 2nd-3rd year students of the 6-year Medicine Program in English for academic year 2022/2023:**

No.	Optional courses for 2nd-3rd year	Person in charge	Winter semester					Summer semester					Total ECTS
			L	S	C	ECTS	Form of crediting	L	S	C	ECTS	Form of crediting	
1.	The Autonomic Nervous System: Physiology, Testing and Clinical Implication	dr hab. Bartłomiej Paleczny	-	-	-	-	-	-	30	-	1,5	grade	1,5

**List of optional courses for 2nd-4th year students of the 6-year Medicine Program in English for academic year 2022/2023:**

No.	Optional courses for 2nd-4th year	Person in charge	Winter semester					Summer semester					Total ECTS
			L	S	C	ECTS	Form of crediting	L	S	C	ECTS	Form of crediting	
1.	Neuroanatomy (20 hours, to be completed in the winter or the summer semester)	dr Marek Syrycki, prof. WMU	-	20	-	1,0	grade	-	20	-	1,0	grade	1,0
2.	Diagnostic of hypersensitivity reactions	dr Magdalena Zemelka-Wiącek	-	-	-	-	-	-	20	-	1,0	grade	1,0
3.	The clinical usage of histological methods (30 hours, to be completed in the winter or the summer semester)	dr Christopher Kobierzycki	-	-	30 <sup>LC</sup>	1,5	grade	-	-	30 <sup>LC</sup>	1,5	grade	1,5
4.	Virology	prof. dr hab. Beata Sobieszcańska	-	20	-	1,0	grade	-	-	-	-	-	1,0

**List of optional courses for 3rd-4th year students of the 6-year Medicine Program in English for academic year 2022/2023:**

No.	Optional courses for 3rd-4th year	Person in charge	Winter semester					Summer semester					Total ECTS
			L	S	C	ECTS	Form of crediting	L	S	C	ECTS	Form of crediting	
1.	Aesthetic dermatology	dr hab. Danuta Nowicka	-	-	-	-	-	-	20	-	1,0	grade	1,0
2.	The distinctness of the anatomy in childhood	dr Marek Syrycki, prof. WMU	-	20	-	1,0	grade	-	-	-	-	grade	1,0
3.	Innovative and emerging approaches in the management of patients with heart diseases	dr Michał Tkaczyszyn	-	-	-	-	-	-	-	20 <sup>CC</sup>	1,0	grade	1,0
4.	Techniques in molecular medicine-clinical application	dr hab. Małgorzata Małodobra-Mazur	-	-	-	-	-	-	-	20 <sup>LC</sup>	1,0	grade	1,0