

# ANNUAL CURRICULUM FOR GENERAL MEDICINE AND PEDIATRICS TRAINING

Studying in General Medicine or Pediatrics specialities lasts for six years and includes learning of the following subjects and courses, which are given below in the curriculum.

## THE FIRST YEAR OF STUDY

Educational weeks – 40

	SUBJECT	ECTS*	HOURS
1.	Latin and Medical Terminology	4	120
2.	Ukrainian Language	12,5	375
3.	History of Ukraine	3	90
4.	History of Ukrainian Culture	2	60
5.	History of Medicine	2	60
6.	Fundamentals of Psychology. Fundamentals of Pedagogics	1,5	45
7.	Politology	2	60
8.	Medical Biology	5,5	165
9.	Medical and Biological Physics	5,5	165
10.	Medical Chemistry	4	120
11.	Biological and Bioorganic Chemistry	2	60
12.	Human Anatomy	11	330
13.	Histology, Cytology and Embryology	5	150
14.	Physical Training (PT)		160
	<b>TOTAL</b>	<b>60</b>	<b>1960</b>

*Students get knowledge of Latin terminology during the first academic year, and have the possibility to learn basics of the Ukrainian language for assimilation with the inhabitants of the city and facilitation of extra-curricular activities.*

## THE SECOND YEAR OF STUDY

Educational weeks – 40



### THE CURRICULUM

	SUBJECTS	ECTS	HOURS
1.	Ukrainian Language	11	330
2.	Philosophy	3	90
3.	Human Anatomy	3,5	105
4.	Histology, Cytology and Embryology	4,5	135
5.	Physiology	10	300
6.	Biological and Bioorganic Chemistry	7	210
7.	Microbiology, Virology and Immunology	6	180
8.	General Surgery (with Operative Surgery and Topographical Anatomy)	2,5	75
9.	Medical Computer Science	3,5	105
10.	Patients' Care (practical training)	5	150
11.	Emergency Medicine	2	60
12.	Personal and Social Safety, Fundamentals of Occupational Health and Safety	2	60
13.	Physical Training (PT)		160
	<b>TOTAL</b>	<b>60</b>	<b>1960</b>

*First three years of study include mostly basic pre-clinical subjects: Anatomy, Histology, Physiology, Pathology, Microbiology, Immunology, Psychology, Chemistry, Biochemistry, Genetics, General Biology, Biophysics, Embryology, Cytology, Pharmacology.*



# THE THIRD YEAR OF STUDY

Educational weeks – 40



## THE CURRICULUM

	SUBJECTS	ECTS	HOURS
1.	Microbiology, Virology and Immunology	2	60
2.	Pathomorphology	7	210
3.	Pathophysiology	7	210
4.	Pharmacology	7	210
5.	Hygiene and Ecology	6	180
6.	Propaedeutics of Internal Medicine	6,5	195
7.	Propaedeutics of Pediatrics	6,5	195
8.	General Surgery, including: - General Surgery - Operative Surgery and Topographic Anatomy	6,5	195 165 30
9.	Radiology	4	120
10.	Nursing Practice	4	120
11.	Fundamentals of Bioethics and Biosafety	1,5	45
12.	Ukrainian language	2	60
	<b>TOTAL</b>	<b>60</b>	<b>1800</b>
	The first week after the 6 <sup>th</sup> semester of studying students must take a medical licensed exam “Krok 1. General Medical Training”.		

*Obtained knowledge will lead you to profound understanding of human body structure, factors influencing its functioning, and principles of diseases origin. This knowledge is considered to be the basis in formation of a future physician.*



# THE FOURTH YEAR OF STUDY

Educational weeks – 40



## THE CURRICULUM

	SUBJECTS	ECTS	HOURS
1.	Internal Medicine (including Endocrinology)	8,5	255
2.	Phthiology	3	90
3.	Pediatrics	4,5	135
4.	Surgery	4,5	135
5.	Obstetrics and Gynecology	3	90
6.	Social Medicine, Organization of Public Health Service	3	90
7.	Biostatistics	1,5	45
8.	Urology	3	90
9.	Otolaryngology	3	90
10.	Ophthalmology	3	90
11.	Neurology	5,5	165
12.	Medical Psychology	1,5	45
13.	Psychiatrics and Addictology	4,5	135
14.	Dermatology and Venereology	3	90
15.	Physical Rehabilitation, Sports Medicine	2	60
16.	Forensic Medicine	3	90
17.	Medical Law	1.5	45
18.	Ukrainian Language	1,5	45
19.	Civil Defence	0,5	15
	<b>TOTAL</b>	<b>60</b>	<b>1800</b>
	<b>Practical Training (4 weeks)</b>		<b>180</b>

*Practical Training lasts four weeks (for one week in four departments: Therapy, Surgery, Pediatrics, Obstetrics Departments) and is held in summer.*

# THE FIFTH YEAR OF STUDY

Educational weeks – 40



## THE CURRICULUM

	SUBJECTS	ECTS	HOURS
1.	Internal Medicine	9	270
2.	Infectious Diseases	6	180
3.	Epidemiology	1,5	45
4.	Professional Diseases	3	90
5.	Oncology	3	90
6.	Clinical Pharmacology	1,5	45
7.	Pediatrics, Children's Infectious Diseases	6	180
8.	Medical Genetics	1,5	45
9.	Social Medicine, Organization of Public Health Service	1,5	45
10.	Surgery, Children's Surgery	7,5	225
11.	Traumatology and Orthopedics	3	90
12.	Obstetrics and Gynecology	4,5	135
13.	Clinical Immunology and Allergology	3	90
14.	Anesthesiology and Intensive Therapy	3	90
15.	Radiation Medicine	1,5	45
16.	Neurosurgery	1,5	45
17.	Fundamentals of Dentistry	0,75	22
18.	Sectional course	0,75	23
19.	Optional courses	1,5	45
	<b>TOTAL</b>	<b>60</b>	<b>1800</b>
	<b>Practical Training (4 weeks)</b>		<b>180</b>

**OPTIONAL COURSES:** 1. Vascular Surgery.

2. Bioethics.

3. Topical Questions of Rheumatology.

4. Age Aspects of Pharmacotherapy.

5. Fundamentals of Sexology and Sexual Pathology.

6. Fundamentals of Reflexology.

7. Fundamentals of Gerontology and Geriatrics.

8. Instrumental Methods of Functional Diagnostics.

9. Topical Questions of Gastroenterology.

10. Topical Questions of Pulmonology.

11. Topical Problems of Phthisiology.

12. Clinical Laboratory Diagnostics.

13. Endoscopic Technologies in Obstetrics and Gynecology.

14. Topical Questions of Rehabilitation and Professional Training of Disabled People



# THE SIXTH YEAR OF STUDY

Educational weeks – 34



THE  
CURRICULUM

	SUBJECTS	ECTS	HOURS
1.	Internal Medicine, including:  Treatment of patients with diseases of the circulatory system and emergencies in cardiology and rheumatology  Treatment of patients in the Endocrinology Clinic and emergencies in endocrinology  Treatment of patients in the Hematology Clinic and emergencies in hematology	15	450  90  45  45
2.	Pediatrics and Children's Infectious Diseases	7,5	225
3.	Surgery, Children's Surgery and Oncology	10,5	315
4.	Obstetrics and Gynecology	7,5	225
5.	General Practice (Family Medicine)	3	90
6.	Hygiene and Ecology	2,25	68
7.	Social Medicine, Organization and Economics of Public Health Service	2,25	68
8.	Optional courses	4,5	135
	State Examination	7,5	225
	<b>TOTAL</b>	<b>60</b>	<b>1801</b>
	<b>State Examinations:</b> 1. Medical licensed exam “Krok 2. General Medical Training”. 2. Internal, Professional and Infectious Diseases. 3. Surgical Disease with Children's Surgery. 4. Obstetrics and Gynecology. 5. Children's Diseases with Children's Infectious Diseases. 6. Hygiene, Social Medicine, Organization and Economics of Public Health Service.		

- OPTIONAL COURSES:**
1. *Organizational Fundamentals of Family Medicine.*
  2. *Fundamentals of Transplantology.*
  3. *Clinical Parasitology and Tropical Medicine.*
  4. *Topical Problems of Infectious Diseases and HIV-infection.*
  5. *Management and Marketing in Public Health.* 6. *Extreme Medicine.*
  7. *Plastic and Reconstructive Surgery.*
  8. *Topical Questions of Cardiac Surgery.*
  9. *Palliative Surgery.*
  10. *Topical Questions of Neurosurgery.*
  11. *Topical Questions of Hematology and Transfusiology.*
  12. *Topical Questions of Cardiology.*
  13. *Topical Questions of Nephrology.*
  14. *Emergency and First Medical Aid.*
  15. *Foreign Language.*
  16. *Topical Problems of Phthisiology and Pulmonology.*
  17. *Topical Questions of Dermatological Oncology.*