FIELD OF STUDY - **22 Health**
SPECIALITY - **226 Pharmacy, industrial pharmacy (Language of Instructions - English)**
EDUCATIONAL PROGRAM - **Pharmacy**
EDUCATIONAL-QUALIFICATION LEVEL - **Master**
TERM OF STUDY - **4 years 10 months (Language of Instructions - English)**
MODE OF STUDY - **full-time**

1 year

Training schedule :	**1st semester**		**2nd semester**	
- theoretical training and final module control:	**15.09-13.02**	**(20 weeks)**	**14.02-03.07**	**(20 weeks)**
- vacation	**27.12-09.01**	**(2weeks)**	**04.07-31.08**	**(8weeks)**
- failed tests passing	**14.02-27.02**	**(2weeks)**	**04.07-10.07** **22.08-28.08**	**(2 weeks)**

№	Subjects	1st semester (20 weeks)								2nd semester (20 weeks)							
		Hours per semester	ECTS credits	Student work amount (in hours)					Final control	Hours per semester	ECTS credits	Student work amount (in hours)					Final control
				L	LW	PT	S	SW				L	LW	PT	S	SW	
Compalsory Subjects																	
1	Human Anatomy	90	3	16		36		38	Grade								
2	Biology and Fundamentals of Genetics	120	4	16		36		68	Grade								
3	Biophysics, Physical Methods of Analysis	120	4	10		40		70	Grade								
4	Introduction to the Specialty with the Introductory Practice	90	3	14		20	4	52	Credit								
	Introduction to the Specialty	*60*	*2*	*14*		*10*	*4*	*32*									
	Introductory Practice	*30*	*1*			*10*		*20*									
5	General and Inorganic chemistry	150	5	18	70			62	Grade								
6	Latin language in Pharmacy									120	4			50		70	Grade
7	Normal Physiology									150	5	16		60		74	Grade
8	Organic Chemistry									120	4	10	60			50	Credit
9	Ukrainian as a Foreign Language	150	5			80		70	Credit	120	4			80		40	Credit
10	Pharmaceutical Botany									120	4	16		40		64	Credit
11	Physical Training	45	1,5			40		5		45	1,5			40		5	
Elective Subjects																	
student select one subjects										90	3			30		60	Credit
1	Fundamentals of Laboratory Practice																
2	Laboratory Work Technique																
student select one subjects		90	3	10		30		50	Credit								
1	Information Technology in Pharmacy																
2	Basics of Web Resources																
student select one subjects		90	3	16			16	58	Credit								
1	Logic																
2	Psychology of Communication																
3	Theory of Civilizations and Intercultural Communication																
student select one subjects										90	3	18			20	52	Credit
1	History of World and Ukrainian Culture																
2	Culturology																
student select one subjects										90	3	10		30		50	Credit
1	Fundamentals of Quantitative Calculations in Pharmacy																
2	Chemistry of Elements and Their Compounds																

FIELD OF STUDY - **22 Health**
SPECIALITY - **226 Pharmacy, industrial pharmacy (Language of Instructions - English)**
EDUCATIONAL PROGRAM - **Pharmacy**
EDUCATIONAL-QUALIFICATION LEVEL - **Master**
TERM OF STUDY - **4 years 10 months (Language of Instructions - English)**
MODE OF STUDY - **full-time**

2 year

Training schedule :	**3 rd semester**		**4st semester**	
- theoretical training and final module control:	**01.09-16.01**	**(18 weeks)**	**24.01-12.06**	**(20 weeks)**
- exams	**17.01-23.01**	**(1 weeks)**	**13.06-19.06**	**(1weeks)**
- vacation	**27.12-09.01**	**(2weeks)**	**20.06-31.08**	**(10weeks)**
- failed tests passing	**24.01-06.02**	**(2weeks)**	**20.06-03.07**	**(2 weeks)**

№	Subjects	3 rd semester (18 weeks)								4st semester (20 weeks)							
		Hours per semester	ECTS credits	Student work amount (in hours)					Final control	Hours per semester	ECTS credits	Student work amount (in hours)					Final control
				L	LW	PT	S	SW				L	LW	PT	S	SW	
Compalsory Subjects																	
1	Analytical Chemistry	120	4	8	54			58	Credit	120	4	8	60			52	Credit Exam
2	Biological Chemistry									150	5	18		60		72	Credit
3	Microbiology with Fundamentals of Epidemiology									150	5	18		60		72	Credit
4	Organic Chemistry	120	4	8	54			58	Credit Exam								
5	Pathological Physiology									120	4	8		50		62	Credit
6	Prehospital First Aid and Orientation Medical Internship	90	3	4		44		48	Credit								
	Prehospital First Aid	*30*	*1*	*4*		*12*		*14*									
	Orientation Medical Internship	*60*	*2*			*32*		*32*									
7	Pharmaceutical Botany	120	4	8		36		76	Credit Exam								
8	Physical and Colloid Chemistry	105	3,5	16		36		53	Credit	135	4	8		60		67	Credit Exam
9	Physical Training	45	1,5			36		9		45	1,5			40		5	
10	Philosophy, Ethics and Aesthetics	90	3	16			28	46	Grade								
Elective Subjects																	
student select one subjects										90	3	8		36		46	Credit
1	Instrumental Methods of Analysis																
2	Physical and Chemical Methods Analysis																
student select one subjects		120	4			60		60	Credit								
1	Ukrainian Language																
2	Ukrainian Language Professionally Oriented																
student select one subjects		90	3			30		60	Credit								
1	Bioactivity of Inorganic Compounds					*30*											
2	Fundamentals of Molecular Biology			*12*			*18*										
student select one subjects										90	3	9		30		51	Credit
1	Statistical Methods in Pharmacy																
2	Mathematical Methods in Pharmacy																
student select one subjects										90	3	9		21		60	Credit
1	Laboratory Work Technique													*30*			
2	Modeling of Scientific Research											*9*		*21*			
3	Basics of Consumer Behavior in Pharmacy											*12*			*18*		

FIELD OF STUDY - **22 Health**
SPECIALITY - **226 Pharmacy, industrial pharmacy (Language of Instructions - English)**
EDUCATIONAL PROGRAM - **Pharmacy**
EDUCATIONAL-QUALIFICATION LEVEL - **Master**
TERM OF STUDY - **4 years 10 months (Language of Instructions - English)**
MODE OF STUDY - **full-time**

3 year

Training schedule :	**5 th semester**		**6 th semester**	
- theoretical training and final module control:	**01.09-16.01**	**(18 weeks)**	**31.01-29.05**	**(17 weeks)**
- exams	**17.01-30.01**	**(2 weeks)**	**30.05-19.06**	**(3 weeks)**
- licensing examination "Krok-1"			**13.06-19.06**	
- vacation	**27.12 - 09.01**	**(2 weeks)**	**20.06-31.08**	**(10 weeks)**
- failed tests passing	**31.01-13.02**	**(2 weeks)**	**20.06-03.07**	**(2 weeks)**

№	Subjects	5 th semester (18 weeks)								6 th semester (17 weeks)							
		Hours per semester	ECTS credits	Student work amount (in hours)					Final control	Hours per semester	ECTS credits	Student work amount (in hours)					Final control
				L	LW	PT	S	SW				L	LW	PT	S	SW	
Compalsory Subjects																	
1	Pharmaceutical Drug Technology	150	5	8	72			70	Credit	120	4	8	51			61	Credit Exam
2	Biological Chemistry	90	3	8		36		46	Credit Exam								
3	Pathological Physiology	120	4	8		54		58	Credit Exam								
4	Pharmacognosy with the Fundamentals of Resource Knowledge	120	4	16	54			50	Credit	150	5	8	68			74	Credit Exam
5	Pharmacology	150	5	16		54		80	Credit	150	5	16		60		74	Credit Exam
6	Pharmaceutical Chemistry									90	3	8	40			42	Credit
7	Pharmaceutical Law and Legislation									90	3	16		27		47	Credit
8	Microbiology with Fundamentals of Epidemiology	90	3	8		36		46	Credit Exam								
Elective Subjects																	
student select one subjects		90	3	9		21		60	Credit								
1	Fundamentals of Economic Systems Management																
2	Business Economics																
3	Modern Economic Theories and Models of Development																
student select one subjects		90	3	9		21		60	Credit								
1	Functional Biochemistry			9		21											
2	Biochemical Transformation of Drugs in the Body			9		21											
3	Bioethics and Biosafety			12			18										
student select one subjects										90	3	8		24		58	Credit
1	Laboratory Diagnostics																
2	Laboratory service. Evaluation of analytical methods																
student select one subjects										90	3	9		21		60	Credit
1	Epidemiology of Diseases																
2	Tropical Infections																
student select one subjects										120	4	8		32		80	Credit
1	Nutrition																
2	Pharmaceutical Bromatology																

FIELD OF STUDY - **22 Health**
SPECIALITY - **226 Pharmacy, industrial pharmacy**
(Language of Instructions - English)
EDUCATIONAL PROGRAM - **Pharmacy**
EDUCATIONAL-QUALIFICATION LEVEL - **Master**
TERM OF STUDY - **4 years 10 months (Language of Instructions - English)**
MODE OF STUDY - **full-time**

4 year

Training schedule :	**7 th semester**		**8 th semester**	
- theoretical training and final module control:	**01.09-16.01**	**(18 weeks)**	**17.01-12.06**	**(21 weeks)**
- exams	**-**		**13.06-19.06**	**(1 week)**
- vacation	**27.12-09.01**	**(2 weeks)**	**20.06-31.08**	**(10 weeks)**
- failed tests passing	**17.01-30.01**	**(2weeks)**	**20.06-03.07**	**(2 weeks)**

№	Subjects	7 th semester (18 weeks)								8 th semester (21 weeks)							
		Hours per semester	ECTS credits	Student work amount (in hours)					Final control	Hours per semester	ECTS credits	Student work amount (in hours)					Final control
				L	LW	PT	S	SW				L	LW	PT	S	SW	
Compalsory Subjects																	
1	Ethics and Deontology in Pharmacy	90	3	12			18	60	Credit								
2	Clinical Pharmacy with Pharmaceutical Care									150	5	18		63		69	Credit
3	Medical and Pharmaceutical Commodity Research									120	4	8		53		59	Credit
4	Organization and Economics of Pharmacy	90	3	10		45		35	Credit	150	5	18		53		79	Credit Exam
5	Industrial Technology of Drugs	90	3	8	45			37	Credit	120	4	10	53			57	Credit Exam
6	Cosmetic products Technology	90	3	7	36			47	Credit								
7	Pharmacotherapy with Pharmacokinetics	90	3	8		36		46	Grade								
8	Pharmaceutical Chemistry	120	4	9	63			48	Credit	150	5	9	63			78	Credit
9	Pharmaceutical Marketing and Management									120	4	18		53		49	Credit
Elective Subjects																	
student select one subjects										90	3	8		30		52	Credit
1	Pharmaceutical Biotechnology																
2	Dermatology																
3	Technologies of Microbial Synthesis of Drugs																
student select one subjects		150	5	10		54		86	Credit								
1	Medical and Analytical Toxicology																
2	Modern Methods of Biological Systems Research																
3	Toxicological Chemistry																
student select one subjects										90	3	8		24		58	Credit
1	Technology of Homeopathic Medicines											6		24	2		
2	Side Effects of Drugs											8		24			
3	Technology of Veterinary Preparations											8		24			
4	Pharmacognostic Basics of Phytotherapy											8		24			
student select one subjects		90	3			32		58	Credit								
1	Business Ukrainian language																
2	Ukrainian Language Professionally Oriented																

FIELD OF STUDY - **22 Health**
SPECIALITY - **226 Pharmacy, industrial pharmacy**
(Language of Instructions - English)
EDUCATIONAL PROGRAM - **Pharmacy**
EDUCATIONAL-QUALIFICATION LEVEL - **Master**
TERM OF STUDY - **4 years 10 months (Language of Instructions - English)**
MODE OF STUDY - **full-time**

5 year

Training schedule :	**9th semester**	**10th semester**
- practical training	**01.09-16.01 (20 weeks)**	
- theoretical training and final module		**17.01-01.05 (15 weeks)**
exams		**02.05-15.05 (2 weeks)**
Preparation of a master's thesis		**16.05-29.05 (2 weeks)**
- licensing examination "Krok-2"	**-**	**30.05-05.06 (2 weeks)**
- Certification	**-**	**30.05-19.06 (3 weeks)**

№	Subjects	9th semester (20 weeks)								10th semester(15 weeks)							
		Hours per semester	ECTS credits	Student work amount (in hours)					Final control	Hours per semester	ECTS credits	Student work amount (in hours)					Final control
				L	LW	PT	S	SW				L	LW	PT	S	SW	
Compalsory Subjects																	
1	Clinical Pharmacy and Pharmaceutical Care									120	4	14		60		46	Credit Exam
2	Social Pharmacy									90	3	10		30		50	Credit
3	Pharmaceutical Chemistry									60	2	7	30			23	Credit Exam
4	Pharmaceutical Marketing and Management									90	3	14		30		53	Credit Exam
Elective Subjects																	
student select one subjects										90	3	6		24		60	Credit
1	Pharmacotechnological and Biopharmaceutical Research Methods																
2	Biopharmacy																
student select one subjects										90	3	6		24		60	Credit
1	Standardization of Drugs																
2	Fundamentals of Pharmaceutical Standardization																
student select one subjects										90	3	6		24		60	Credit
1	Study of Herbs Resources																
2	Pharmacognostic Basics of Phytotherapy																
student select one subjects										90	3	7		30		53	Credit
1	Quality Systems in Pharmacy																
2	Good Pharmaceutical Practices																
student select one subjects										90	3	7		30		53	Credit
1	Assessment of Clinical Evidence and Pharmacoeconomic Feasibility of Medical Technologies																
2	Pharmacoeconomics																
Practical training																	
1	Work placement in Pharmacy-based Technology of Drugs	5weeks							Grade Credit								
2	Work placement in Clinical Pharmacy	3weeks							Grade Credit								
3	Work placement in management and organization of Pharmacy	7weeks							Grade Credit								
4	Work placement in Pharmaceutical Chemistry	3weeks							Grade Credit								
5	Work placement in Pharmacognosy	2weeks							Grade Credit								
Certification																	
1	Standardized test-examination "Krok-2"																
2	Practically-oriented graduation examinations																
3	Master`s Thesis																