



**INTEGRATED ACADEMIC
PHARMACY STUDIES**

FOURTH YEAR OF STUDY

academic 2024/2025.

SOCIAL PHARMACY

Title of the course:

SOCIAL PHARMACY

The course is evaluated with 5 ECTS credits.

It consists of 3 active teaching hours per week (2 hours of lectures and 1 hour of practical classes).

TEACHERS AND ASSOCIATES:

	Name and surname	Email adreca	Title
1.	Olivera Kostic*	olivera.kostic@fmn.kg.ac.rs	Associate professor
2.	Dusan Djuric	duca1duca@gmail.com	Full professor
3.	Marko Folic	markof@fmn.kg.ac.rs	Full professor
4.	Srdjan Stefanovic	sstefanovic@fmn.kg.ac.rs	Associate professor
5.	Tamara Nikolic Turnic	tnikolict@gmail.com	Associate professor
6.	Milena Jurisevic	milena.jurisevic13@gmail.com	Assistant professor
7.	Radisa Pavlovic	r.pavlovic2407@fmn.kg.ac.rs	Associate professor
8.	Aleksandra Stojanovic	vranicaleksandra90@gmail.com	Assistant professor
9.	Natasa Mijailovic	nacakg@gmail.com	Assistant professor
10.	Marko Ravic	MarkoRavic@hotmail.com	Assistant
11.	Katarina Mihajlovic	Katarina.mih17@gmail.com	Assistant professor
12.	Katarina Djordjevic	kacka96kg@gmail.com	Assistant
13.	Bozidar Pindovic	pindovic.bozidar@gmail.com	Assistant

* Head of course (Course supervisor)

COURSE STRUCTURE:

Module	Module name	Week	Lectures	Work in a small group	Teacher-supervisor Module
1.	Social pharmacy	5	2	1	Olivera Kostic, Associate professor
2.	Public health. Ethics and patients' rights	5	2	1	Olivera Kostic, Associate professor
3.	Pharmaceutical legislation	5	2	1	Olivera Kostic, Associate professor
					$\Sigma 30+15=45$

EVALUATION:

The student overcomes the course based on the points achieved in the pre-examination activities and the final exam. The score is equivalent to the number of gained points (table). Points are earned as follows:

ACTIVITY DURING CLASSES: The student can gain up to 30 points by taking 2 exam question from that week, answering and receiving 0-2 points in accordance with the demonstrated knowledge.

FINAL EXAM: The student can gain up to 70 points. The student answers 70 exam questions (written examination) (each question 0-1 point).

Final grade is formed as follows:

In order to pass the course, student must gain a minimum of 51 points.

To pass the module, the student must achieve more than 50% of the maximal number of points for the module.

To pass the Final exam (written examination), the student must achieve more than 50% of the maximal number of points.

The final grade will be formed according to the following table:

Grading System		
Grade	Total No of points	Description
10	91-100	Excellent
9	81-90	Exceptionally good
8	71-80	Very good
7	61-70	Good
6	51-60	Passing
5	<51	Failing

LITERATURE:

MODULE	Title	Authors	Publisher	LIBRARY
Social Pharmacy	Social medicine	Simic Snezana	Medical Faculty Belgrade 2012	Yes
Social Pharmacy	Social medicine: book for basic and postdoctoral study	Dragoljub Djokic	Medical Faculty Kragujevac; 2007.	Yes
Public Health. Etic and patient low	Pharmaceutical practice	Tasic Ljiljana	Pharmaceutical Faculty Belgrade, 2018	Yes
Public Health. Etic and patient low	Galery of Pharmaceuticals skills	Milos Nikolin	Belgrade, 2006	Yes
Pharmaceutical legislation	Pharmaceutical legislation and etics- practicum	Krajnovic Dusanka	Pharmaceutical Faculty Belgrade,, 2018	Yes

THE PROGRAM:

MODULE ONE: SOCIAL PHARMACY

TEACHING UNIT 1 (FIRST WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Basic definitions and concepts of social pharmacy. Basic principles of pharmacy development throughout history.	Tasks and goals of social pharmacy. The role of the pharmacist in the modern concept of social and clinical pharmacy

TEACHING UNIT 2 (SECOND WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Evaluation of the challenges of social pharmacy and medicine in the modern age.	The position of the drug on the market.

TEACHING UNIT 3 (THIRD WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Health and the factors that profile it. The modern concept of health and the quality of life correlated with health.	Parameters for assessing the health status of the population.

TEACHING UNIT 4 (FOURTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Health care system, definition and basic regulations. Health insurance models. Health care of special populations. Law on Chambers and obtaining a license for independent work.	Introduction to the basic principles of the Law on Health Care and advertising of health institutions and services.

TEACHING UNIT 5 (FIFTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Health technology in the system of social pharmacy.	Pharmaceutical information system in pharmaceutical practice.

SECOND MODULE: PUBLIC HEALTH. ETHICS AND PATIENTS' RIGHTS.

TEACHING UNIT 6 (SIXTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Public health concept. Promotion of health and its characteristics. Guide to good pharmacy practice.	Practical examples of health promotion and its values. Public health in pharmaceutical practice. Guidelines for Good pharmacy practice.

TEACHING UNIT 7 (SEVENTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Ethical principles in the pharmaceutical healthcare system.	Ethics and drug advertising.

TEACHING UNIT 8 (EIGHTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Pharmaceutical deontology - definition, characteristics and development throughout history.	Analysis of the code and presentation of the practical application of the same principles.

TEACHING UNIT 9 (NINTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
The role of pharmacists in biomedical trials. International standards for the protection of study participants.	Practical interpretation of the structure of the form by which the Ethics Committees make a decision.

TEACHING UNIT 10 (TENTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
The right to health and the rights of patients in the health care system.	A practical presentation of patients' rights from practice.

THIRD MODULE: PHARMACEUTICAL LEGISLATION

TEACHING UNIT 11 (ELEVENTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Regulatory codes regarding drugs and medical devices in Serbia. Obtaining a drug license from the Agency for Medicines and Medical Devices of Serbia.	International conference for the harmonization of technical requirements for drug registration.

TEACHING UNIT 12 (TWELFTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Regulatory codes for the registration of medical devices in the Register of medical devices. Marking of medical devices.	Classification of medical devices.

TEACHING UNIT 13 (THIRTEENTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Regulatory codes regarding the withdrawal of drugs and medical devices from market.	Examples from the practice of withdrawing drugs and medical devices from market.

TEACHING UNIT 14 (FOURTEENTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Regulatory codes in the field of medical waste.	Proper management of medical waste - an example from practice.

TEACHING UNIT 15 (FIFTEENTH WEEK):

Lectures: 2 hours	Practical classes: 1 hour
Basic principles of price formation of pharmaceutical products. Lists of medicines in the Republic of Serbia.	Tools of pharmacopolitics.

LECTURES AND PRACTICE SCHEDULE

MONDAY

10:45 – 13:00

Hall 2- Dentistry

ACHING SCHEDULE FOR THE COURSE SOCIAL PHARMACY

Module	Week	Type	The name of the method unit	Teacher	
1	1	L	Basic definitions and concepts of social pharmacy. Basic principles of pharmacy development throughout history.	Olivera Kostić, <i>Lecturer</i>	
		P	Tasks and goals of social pharmacy. The role of the pharmacist in the modern concept of social and clinical pharmacy.	Olivera Kostić Marko Ravic	
	2	L	Evaluation of the challenges of social pharmacy and medicine in the modern age.	Nataša Mijailović, <i>Lecturer</i>	
		P	The position of the drug on the market.	Nataša Mijailović Bozidar Pindovic	
	3	L	Health and the factors that profile it. The modern concept of health and the quality of life correlated with health.	Radisa Pavlovic, <i>Lecturer</i>	
		P	Parameters for assessing the health status of the population.	Radisa Pavlović Marko Ravic	
	4	L	Health care system, definition and basic regulations. Health insurance models. Health care of special populations. Law on Chambers and obtaining a license for independent work.	Olivera Kostić, <i>Lecturer</i>	
		P	Introduction to the basic principles of the Law on Health Care and advertising of health institutions and services.	Olivera Kostić Katarina Djordjevic	
	5	L	Health technology in the system of social pharmacy.	Katarina Mihajović, <i>Lecturer</i>	
		P	Pharmaceutical information system in pharmaceutical practice.	Katarina Mihajlovic Bozidar Pindovic	
	2	6	L	Public health concept. Promotion of health and its characteristics. Guide to good pharmacy practice.	Milena Jurisevic, <i>Lecturer</i>
			P	Practical examples of health promotion and its values. Public health in pharmaceutical practice. Guidelines for Good pharmacy practice.	Milena Jurisevic Katarina Djordjevic
	2	7	L	Ethical principles in the pharmaceutical healthcare system.	Marko Folic, <i>Lecturer</i>
			P	Ethics and drug advertising.	Tamara Nikolic Turnic Bozidar Pindovic

ACHING SCHEDULE FOR THE COURSE SOCIAL PHARMACY

Module	Week	Type	The name of the method unit	Teacher
	8	L	Pharmaceutical deontology - definition, characteristics and development throughout history.	Radisa Pavlovic, <i>Lecturer</i>
		P	Analysis of the code and presentation of the practical application of the same principles.	Radisa Pavlovic Aleksandra Stojanovic
	9	L	The role of pharmacists in biomedical trials. International standards for the protection of study participants.	Natasa Mijailovic, <i>Lecturer</i>
		P	Practical interpretation of the structure of the form by which the Ethics Committees make a decision.	Natasa Mijailovic Katarina Mihajlovic
	10	L	The right to health and the rights of patients in the health care system.	Olivera Kostic, <i>Lecturer</i>
		P	Practical presentation of patients' rights from practice.	Olivera Kostic Marko Ravic
3	11	L	Regulatory codes regarding drugs and medical devices in Serbia. Obtaining a drug license from the Agency for Medicines and Medical Devices of Serbia.	Katarina Mihajlovic, Lecturer
		P	International conference for the harmonization of technical requirements for drug registration.	Katarina Mihajlovic Radisa Pavlovic
	12	L	Regulatory codes for the registration of medical devices in the Register of medical devices. Marking of medical devices.	Tamara Nikolic Turnic, <i>Lecturer</i>
		P	Classification of medical devices.	Tamara Nikolic Turnic Bozidar Pindovic
3	13	L	Regulatory codes regarding the withdrawal of drugs and medical devices from market.	Aleksandra Stojanovic, <i>Lecturer</i>
		P	Examples from the practice of withdrawing drugs and medical devices from market.	Aleksandar Stojanovic Katarina Djordjevic
	14	L	Regulatory codes in the field of medical waste.	Olivera Kostic, <i>Lecturer</i>
		P	Proper management of medical waste - an example from practice.	Olivera Kostic, Katarina Mihajlovic

ACHING SCHEDULE FOR THE COURSE SOCIAL PHARMACY

Module	Week	Type	The name of the method unit	Teacher
	15	L	Basic principles of price formation of pharmaceutical products. Lists of medicines in the Republic of Serbia.	Olivera Kostic, <i>Lecturer</i>
		P	Tools of pharmacopolitics.	Olivera Kostic, Katarina Djordjevic
		E	EXAM	

*L- Lecture; P - Practical Class; E-Exam