



**INTEGRATED ACADEMIC
STUDIES OF PHARMACY**

THIRD YEAR OF STUDIES

academic year 2025/2026

Research in basic pharmaceutical science

Research in basic pharmaceutical science

The course is evaluated with 5 ECTS. The course consists of 15 classes of lecturers, 15 classes of practical work and 15 classes of seminars in semester.

TEACHERS AND ASSOCIATES:

RB	Name and surname	E-mail address	vocation
1.	Nevena Jeremic	njeremic@fmn.kg.ac.rs	Associate Professor
2.	Jovana Novakovic	jovana.novakovic@fmn.kg.ac.rs	Assistant Professor
3.	Jovana Bradic	jovanabradickg@gmail.com	Associate Professor
4.	Isidora Milosavljevic	isidora.milosavljevic@fmn.kg.ac.rs	Associate Professor

COURSE STRUCTURE:

Modul number	Name of the module	N° of weeks	Lectures	Practice	Other active classes	Teacher - head of the module
1	Research Methods and Literature review	15	15	15	15	Nevena Jeremic
						$\Sigma 15+15+15=45$

ASSESSMENT:

The student masters the subject by modules. The grade is equivalent to the number of points earned (see tables). Points are earned in according to written essey and Activity during semester:

MAXIMUM POINTS		
1	Written essey	70
3	Activity during semester	30
Σ		100

The final grade is formed as follows:

In order to complete the course, the student must acquire at least 51 point in summary.

number of acquired points	grade
0 - 50	5
51 - 60	6
61 - 70	7
71 - 80	8
81 - 90	9
91 - 100	10

LITERATURE:

the name of the textbook	authors	publisher	the library
Academic Guidebook for young researches	Skoric, Marko	Niš: Univerzitet, 2018	Have
Basic Principles of clinical research and Methodology	Gupta, Sk.	N.Delhi: Gaypee Brothers, 2017	Have
Designing Clinical research	Hulley, Stephen B.	Philadelphia: Lippincot Williams & Wilkins, 2007	Have
Essentials of research design and methodology	Marczyk, Greoffrey	London: John Willy & sons, 2005	Have
Essential of clinical research	Glasser, Stephen P.	New York: Springer, 2008	Have
Key concepts in medical and behavioral research	Leavitt, Fred	Fremont: Jain publishing company, 2008	Have
Oxford Handbook of Clinical and Healthcare Research (Flexicover) (Oxford Medical Handbooks)	Ray S, Fitzpatrick S, Golubic R, Fisher S, Gibbings S	Oxford University Press, 2016	Have
Research methodology in the medical and biological sciences	Laake, Petter	San Diego: Academic Press, 2007	Have
Research methods in health	Bowling, Ann	New York: McGraw-Hill, 2009	Have
Research methods in psychiatry	Freema, Chiris	London: Elsevier, 2008	Have

PROGRAM:

MODULE: ADVANCED RESEARCH METHOD

TEACHING UNIT 1 (FIRST WEEK):

INTRODUCTION TO RESEARCH

Students research work – 3 classes

TEACHING UNIT 2 (SECOND WEEK):

LITERATURE REVIEW

Students research work – 3 classes

TEACHING UNIT 3 (THIRD WEEK):

LITERATURE REVIEW

Students research work – 3 classes

TEACHING UNIT 4 (FOURTH WEEK):

OBJECTIVES OF RESEARCH

Students research work – 3 classes

TEACHING UNIT 5 (FIFTH WEEK):

HYPOTHESIS IN RESEARCH

Students research work – 3 classes

TEACHING UNIT 6 (SIXTH WEEK):

DATA COLLECTION

Students research work – 3 classes

TEACHING UNIT 7 (SEVENTH WEEK):

DATA COLLECTION

Students research work – 3 classes

TEACHING UNIT 8 (EIGHTH WEEK):

DATA ANALYSIS

Students research work – 3 classes

TEACHING UNIT 9 (NINTH WEEK):

DATA ANALYSIS

Students research work – 3 classes

TEACHING UNIT 10 (TENTH WEEK):

ACADEMIC STYLE OF WRITING

Students research work – 3 classes

TEACHING UNIT 11 (ELEVENTH WEEK):

ACADEMIC STYLE OF WRITING

Students research work – 3 classes

TEACHING UNIT 12 (TWELFTH WEEK):

CITATION STYLES

Students research work – 3 classes

Work with mentor.

TEACHING UNIT 13 (THIRTEENTH WEEK):

PREPARATION FOR PERSONAL WORK

Students research work – 3 classes

TEACHING UNIT 14 (FOURTEENTH WEEK):

PREPARATION FOR PERSONAL WORK

Students research work – 3 classes

TEACHING UNIT 15 (FIFTEENTH WEEK):

EVALUATION OF PERSONAL RESEARCH WORK

Students research work – 3 classes

LECTURES AND PRACTICE

TUESDAY

YELLOW ROOM 41 (R41)

14.45-16.15

[Schedule of lectures, practical classes and tests – academic calendar](#)

LESSON SCHEDULE FOR THE SUBJECT PHARMACEUTICAL BIOTECHNOLOGY

module	Sunday	type	method unit name	a teacher
1	1		Introduction to research	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	2		Literature review	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	3		Literature review	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	4		Objectives of research	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	5		Hypothesis of research	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	6		Data collection	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	7		Data collection	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD

LESSON SCHEDULE FOR THE SUBJECT PHARMACEUTICAL BIOTECHNOLOGY

module	Sunday	type	method unit name	a teacher
	8		Data analysis	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	9		Data analysis	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	10		Academic style of writing	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	11		Academic style of writing	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	12		Citation styles	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	13		Preparation for personal work	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD
	14		Preparation for personal work	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD

LESSON SCHEDULE FOR THE SUBJECT PHARMACEUTICAL BIOTECHNOLOGY

module	Sunday	type	method unit name	a teacher
	15		Evaluation of personal research work	Nevena Jeremic, PhD Jovana Novakovic, PhD Jovana Bradic, PhD Isidora Milosavljevic, PhD