



BIJELJINA UNIVERSITY, BIJELJINA

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I N F O R M A T O R

**FOR ENROLMENT IN THE FIRST YEAR OF STUDY
school year 2022/23.**

**Faculty of pharmacy
Faculty of health studies
Faculty of psychology
Faculty of agriculture**

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Bijeljina, 2022.



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Welcoming speech by the founder of the Bijeljina University



Dear colleagues, students, and you, our future students, I would like to extend a warm welcome to the Bijeljina University.

The Bijeljina University, as a relatively young higher education institution, organises classes at five study programs:

- ✓ Integrated academic studies of pharmacy,
- ✓ Nursing,
- ✓ Basic academic studies of psychology,
- ✓ Agricultural production,
- ✓ Agricultural economics.

We live in a time of extreme social uncertainty, where taking different decisions wisely is imposed on us every day. In addition, it imposes the need for special care for the development of the young man. Sustainable development, at the center of which is human life, is the goal of today and the roadmap for the future. The development of future generations actually becomes the meaning of life.

Based on these principles, the Bijeljina University offers a choice in the existing educational areas, and after their completion, one becomes a successful engineer, psychologist, nurse or pharmacist. We will provide you with all the necessary theoretical and practical knowledge that will enable you to develop analytical thinking, the ability to make important business decisions, as well as the ability to work successfully as a part of team.

In a time of great change, continuous knowledge is worth a real fortune, and the bearers must be generations of future and present students.

We invite you to study at the Bijeljina University and become part of our family, as well as part of a successful world. Accept our hand and give us the opportunity to educate you, and in return we guarantee you knowledge and success in your work and life.

Sincerely,

Ljiljana Tomić, PhD

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Curriculum: Integrated academic studies of pharmacy

Study program: Nursing
Curriculum: Nursing

Study program: Agricultural economics
Curriculum: Agricultural economics

Study program: Agricultural production
Curriculum: Agricultural production

Study program: Basic academic studies of psychology
Curriculum: Basic academic studies of psychology

I. BASIC INFORMATION ABOUT UNIVERSITY

1. Foreword

The Bijeljina University was established by the College of health care on the basis of the consent of the Ministry of education and culture of the Republic of Srpska.



Vision of the Bijeljina University - a modern and recognisable higher education institution that applies all European standards in terms of quality of study programs, classes, scientific research and professional work.

Mission of the Bijeljina University is to, through the system of education, scientific research and participation in the development of the social community, produce experts with the necessary knowledge and skills who will be able to respond to new challenges of the economic sector and labour market. At the same time, the University is constantly looking for the most suitable educational model, adopting and transferring new scientific disciplines, expanding the field of educational technologies and striving to be included in the international educational system.

Quality assurance of the Bijeljina University is done through achieving the quality of similar higher education institutions of the Republic of Srpska, BiH and beyond through categories that also represent the legal categories such as:



1. space and equipment,
2. teachers,
3. students,
4. finances.

In terms of spatial and technological resources, the Bijeljina University is among the best equipped. Within the space of about 4,300 m², which is located on Pavlović road near the location of the Ethno village "Stanišići", the University has 4 amphitheaters, 5 classrooms with a total of 600 seats.

Students also have a computer room with a total of 20 networked computers as well as a reading room at their disposal.

Teachers, associates and the administration have 12 cabinets and offices. The amphitheaters have their own sound system, and all classrooms have Internet access for conducting lectures through video projections.

In addition to the abovementioned, the University has 9 laboratories intended for performing practical classes for students of pharmacy, nursing and agriculture. All of them are built according to the latest standards and allow students to get acquainted with all the methods used in the pharmaceutical industry and technology.

2. Student affairs office

Students of the Bijeljina University can achieve all their rights, as well as the needs related to their status, through the Student affairs office of the University.

Working hours with students are almost unlimited. Students' satisfaction is our priority, and you can get all information and answers via the website, the University bulletin board or by coming to the Student affairs office every working day and Saturday by phone or e-mail.



In the Student affairs office one can:

- verify the semester,
- register for the exam,
- enrol and leave studies,
- require different certificates ,
- obtain all types of information,
- etc.

3. Library

The library of the Bijeljina University is of a general scientific character and of an open type, which acts as a support to the teaching-educational and scientific-research processes at the University.

In addition, the library is responsible for the organisation and development of the entire library-information system within all faculties at the University.



The library has material and information from all fields of science, collects and archives graduate theses defended at the University, participates in the publishing production of the University and its organisational units and collects all works of teachers and researchers that serve as a basis for personal bibliographies. For each subject, the teacher recommends one compulsory textbook and other publications. The University's library also has serial publications: journals, lexicons, encyclopedias, proceedings that are used for the purpose of easier mastering the intended material, faster preparation of exams or writing papers. Students borrow literature at the beginning or during the semester and are obliged to return it, undamaged within the prescribed period.

4. Reading room

A reading room with 30 seats, a reference collection and a working space for professional staff are located on the ground floor of the building. The reading room is an organised space in which students, in the breaks between



lectures, can prepare for their lectures and practical classes. In ideally realized working conditions, students can write their seminar papers, study and consult with colleagues regarding all activities in which they participate at the faculty.

In addition to the possibility of access to the print media, students also have access to electronic editions of a large number of journals, and the realisation of networking with the National library of Republic of Srpska is in progress, which will enable searching the database of international and local libraries.

The reading room is open from 8.00 am to 8.00 pm every working day.

5. Computer room

The Bijeljina University is equipped with modern computer equipment that is available to students in order to satisfy their learning needs and individual improvement of information education.



The information system of the University provides the possibility of monitoring, administration and organisation of teaching processes at the University and access to students and employees.

The University has introduced an integrated information system (IS) based on modern web technology, which allows students to check, through their username and password, from anywhere their personal data, subjects from the curriculum according to which they are enrolled and their syllabi, grades, exam terms.



6. Laboratories



Students of pharmacy have the opportunity to enrich, in addition to the knowledge they acquire in lectures, their knowledge in the part of teaching that relates to practical exercises.

Namely, the University pays great attention to train students for working in laboratories. Therefore, students are able to achieve a complete education, and after graduation, to be fully qualified to engage in their activities, regardless of which part of the world they find employment.



7. Practice

The Bijeljina University builds its concept of quality and development on the principle of combining education - science - technology - work - culture - ecology, which is why it is predicted that the student in his education will move between theory (classroom) - practice (university laboratory - clinical center - health center, and economic goods, etc.).

By accepting all the principles of the Bologna process, the Bijeljina University, in its study programs, in addition to mandatory and elective courses, has included practical classes as a compulsory segment of education for every student.

Practical classes take place depending on the type of scientific field. As an example, practice in the field of medical sciences is performed at the Health Center in Bijeljina, the General Hospital "Sveti vračevi" in Bijeljina and the University Clinical Center Tuzla, all depending on the type of subject.

8. Cooperation with the social community



The university occupies a special place in the Republic of Srpska and BiH and is committed to benefiting society through the education of quality

professionals, and is open to all students regardless of religion, gender, race, cultural or social background.

The university is ready to easily adapt to the needs of science and profession that will be needed in the years of new investments.

The teaching staff has quality references and is ready to provide the social community with good experts, whose work will reach EU and US standards without any special additional efforts.

II. INFORMATION ABOUT STUDIES

1. General information about study programmes

At the Bijeljina University in Bijeljina three areas of education are represented through five study programmes:

Oblast obrazovanja	Polje obrazovanja	Studijski program
Zdravlje i zaštita zdravlja	Zdravlje	Integrirane akademske studije farmacije
	Zdravlje	Sestrinstvo
Poljoprivreda, ribarstvo, šumarstvo i veterinarska medicina	Poljoprivreda i ribarstvo	Poljoprivredna proizvodnja
	Poljoprivreda i ribarstvo	Agroekonomija
Društvene nauke, poslovanje i administracija i pravo	Društvene nauke	Osnovne akademske studije psihologije

The Bijeljina University is currently organising classes in the first cycle of academic studies.

2. First cycle of the academic studies - Bachelor

The Bijeljina University organises first-cycle, three-year and five-year academic studies.

- **Faculty of health studies** (Study program: Nursing) lasts for 3 years, 6 semesters with 180 ECTS and professional title *Bachelor in nursing* – 180 ECTS.
- **Faculty of agriculture** (Study program: Agricultural economics) lasts for 4 years, 8 semesters with 240 ECTS and professional title *Bachelor in agricultural economics* - 240 ECTS.
- **Faculty of agriculture** (Study program: Agricultural production) lasts for 4 years, 8 semesters with 240 ECTS and professional title *Bachelor in agriculture* - 240 ECTS.
- **Faculty of psychology** (Study program: Basic academic studies of psychology) lasts for 4 years, 8 semesters with 240 ECTS and the professional title *Bachelor in psychology* - 240 ECTS.
- **Faculty of pharmacy** (Study program: Integrated academic studies of pharmacy; I + II - general stream), lasts for 5 years, 10 semesters with 300 ECTS and professional title *Master in pharmacy* - 300 ECTS.

All students who have completed the academic studies of the first cycle are enabled to continue their education at the master's studies, which have 60 ECTS, depending on the previously achieved volume of academic studies of the first cycle.

Students of the Faculty of agriculture have the opportunity to continue their studies and enroll in master's studies, so that they will be able to enroll at the Faculty of agriculture, University of Belgrade. This possibility was realised through the agreement that these faculties signed, as well as through the active presence of the faculty from Belgrade in terms of monitoring the quality of teaching.

3. Enrollment in studies

All persons with previously acquired secondary education for a period of four years can apply for the competition for enrollment in the first cycle of academic studies at the University of Bijeljina.

a. Competition for enrollment

Candidates are ranked according to their achievement in high school and the entrance exam. The entrance exam will be organised in the University premises, and the date will be specified in the competition.

The first competition deadline will be published at the end of June this year in the daily newspaper "Glas Srpske" and on the website www.ubn.rs.ba and on the notice board of the University.

The second competition deadline is the beginning of September this year.

b. Aptitude and ability test

The exam for checking aptitudes and abilities includes the exam before the commission with a score according to the table shown. A three-member commission can give a candidate a certain number of points.

The ranking list is formed depending on the success achieved in high school and the number of points achieved before the commission.

The entrance exam includes the following contents according to the study programs:

Faculty of pharmacy

- Integrated academic studies of pharmacy - entrance exam is conducted in the form of a test in biology (30 points) and a test in chemistry (30 points);

Faculty of health studies

- Nursing - the entrance exam is conducted in the form of a biology test (60 points);

Faculty of psychology

- Basic academic studies of psychology - the entrance exam is conducted in the form of a test of knowledge in psychology (30 points) and a test of general information (30 points);

Faculty of Agriculture

- Agricultural production - the entrance exam is conducted in the form of a biology test (60 points);
- Agricultural economics - the entrance exam is taken in the form of a test in sociology (60 points).

c. Documents of application for enrollment announcement:

- ID card (certified copy),
- certificates of all completed high school classes (certified copy),
- diploma on passed matura exam (certified copy),
- medical certificate with the opinion of a psychologist,
- birth certificate,
- 2 photos (50 x 60mm),
- marriage certificate (if the student is married),
- certificate of citizenship.

4. Classes

Classes are held in the premises of the University "Bijeljina" on Pavlovića put bb in Bijeljina.

a. Lectures

The lectures use equipment that allows the teacher to largely focus the student's attention on the thematic unit, ie that the student during the attendance at the lectures a good part of the material, which the teacher presented during the class, and remember.

Students were able to find all the lectures he listened to during the same day, and throughout the semester, on the University website and the teaching service department.

Also, all exam questions, as well as the results of colloquia and exams, are published through the University website.

b. Exams

Taking the exam and forming the final grade is done according to the principle of collecting pre-exam and exam points that the student has achieved during the current semester. Evaluating student achievement is a process that consists of monitoring, checking, and grading. Pre-examination activities are an integral part of the educational process at the faculty, which continuously encourages students to actively acquire knowledge, develop interests, motivation and abilities, their progress and results in achieving the expected achievements, defined by the curriculum.

Individual knowledge tests are evaluated by awarding the appropriate number of points. The scoring system of the total student activities is identical for each subject and amounts to:

- pre-examination obligations maximum 50 points,
- final exam maximum 50 points.

Pre-examination points are awarded for each separate form of examination:

- attendance and activity at lectures and exercises up to 30 points;
- other forms of teaching up to 20 points;
- colloquium up to 40 points.

c. Grading

The university has adopted the concept of assessment according to which the maximum number from pre-exam activities is 50 points and the maximum number of points at the final exam is also 50. More

precisely, all students are required to take the exam, because a passing grade of six (6) is obtained by gaining 51 points.

In relation to the number of achieved pre-examination and examination points, the final grade is formed, for the achieved:

- from 51 to 60 points - grade six (6),
- from 61 to 70 - grade seven (7),
- from 71 to 80 - grade eight (8),
- from 81 to 90 - grade nine (9),
- from 91 to 100 - grade ten (10).

Tables 1 and 2, which follow, show how to evaluate student work:

Table 1. Work evaluation scale depending on the number of points earned.

No.	OSTVARENI BODOVI	GRADE	
1.	< -50	5 (five)	failed
2.	51-60	6 (six)	sufficient
3.	61-70	7 (seven)	good
4.	71-80	8 (eight)	Very good
5.	81-90	9 (nine)	excellent
6.	91-100	10 (ten)	odličan – exceptional

Table 2. Evaluation of student work according to pre-examination and examination activities.

EVALUATION OF STUDENT WORK				
PRE-EXAM OBLIGATIONS		FINAL EXAM		
Evaluation according to the specifics of the subject		According to the teacher's choice		
Activity	Attendance (lectures and practice)	Written exam	Oral exam	Written and oral exam
	Other forms of teaching			
	Colloquium			
Points	50	50		
Total	100			

d. Mentoring system of work

Student mentor

University "Bijeljina" from the academic year 2020/2021. introduces a system of student mentoring for freshmen and students of lower years of study.

A student mentor is a student of several years of study in a specific study program.

The main role of the student mentor is to introduce the freshman student, when enrolling at the faculty, to the higher education institution and to provide him with assistance in preparing the entrance exam. However, the role of the student mentor is also to provide assistance to lower year students in preparing materials for certain subjects.

A freshman, ie a student of a lower year of study, can choose only one student mentor, and he can choose several of them in order to master the material in different subjects.

The student mentor can be contacted directly, through the University website, or through the student service.

Teacher mentor

Since its establishment, the mentoring work of responsible teachers has been represented at the University.

Namely, according to the Decision of the University Senate, the student can, in terms of certain consultations, send an e-mail to the subject teacher, and the teacher is obliged to give an answer to the student within 48 hours of receiving the e-mail.

III. STUDY PROGRAMS

The study programs are primarily designed to meet the needs of the economy and non-economy for highly qualified personnel with immediately applicable knowledge in the Republic of Srpska, BiH and beyond, ie the European Union.

They fully satisfy the Bologna process and enable unhindered fluctuation of students during schooling.

In order to satisfy the users of our education system as successfully and efficiently as possible, the work on the programs, as well as the novelties in science and practice are systematically and continuously monitored, and corrections are made if necessary.

Correction of the program is performed according to the prescribed procedures, and with the consent of the Ministry of Education and Culture of the Republic of Srpska. The following text shows the structure of study programs that are conducted at the faculties of the University of "Bijeljina".

STUDY PROGRAM: INTEGRATED ACADEMIC STUDIES OF PHARMACY

FIVE-YEAR PROGRAM (ten semesters)

TITLE: **Master in pharmacy - 300 ECTS**

1.	Name of the study program	INTEGRATED ACADEMIC STUDIES OF PHARMACY
2.	Objectives of the study program	<p>The goals of the study program are to enable students to:</p> <ul style="list-style-type: none"> - main production of medicinal preparations, traditional medicinal preparations, dietary preparations and medical devices; - industrial production of medicinal preparations, traditional medicinal preparations, dietary preparations and medical devices in accordance with good manufacturing practice; - performing operations of storage and distribution of medicinal preparations, traditional medicinal preparations, dietary preparations and medical devices; - communication with patients, health professionals and the public in order to inform, advise and educate about the drug and rational pharmacotherapy; - communication with patients, health professionals and the public in order to inform, counsel and educate about the side effects of drugs; - active participation in the work of professional teams with the ability to transfer the acquired knowledge and experience to other team members; - monitoring of professional literature and continuous education; - Respect for the principles of professional ethics and work on their affirmation with other team members.
3.	Type of study	Integrated academic studies
4.	Acquired title	Master in pharmacy - 300 ECTS
5.	Learning process outcomes	<ul style="list-style-type: none"> - Recognize and define general knowledge of chemistry, physics, mathematics, biochemistry, biology and statistics required for development and research, galenic and

		<p>industrial drug production;</p> <ul style="list-style-type: none"> - Recognize and define expertise on the drug, pharmacotherapy, pharmacokinetics, interaction, side effects and toxic effects of drugs; - Explain to the patient the effect and application of drugs and the outcome of therapy, identify possible symptoms of interactions, side and toxic effects of drugs and disease prevention and health; - Apply and develop analytical methods and technological processes of production and control of pharmaceutical products in accordance with good manufacturing practice, quality standards and European regulations; - Apply knowledge in the provision and supply of medicines in accordance with legislation and relevant health guidelines and develop independence in the organization; - Apply information technologies, databases, professional literature and critically evaluate information; - Apply scientific knowledge for the purpose of improving the pharmaceutical profession, publishing professional papers and managing professional and scientific projects and programs; - Develop a professional relationship in communication with patients and colleagues; - Develop and improve cooperation with other health professionals and teams; - Plan your own training and develop moral and ethical responsibility in work.
6.	Duration of studies	5 years, 10 semesters
7.	ECTS	300
8.	Conditions for enrollment in the study program	<ul style="list-style-type: none"> - Completed secondary education lasting 4 years; - Proof of psychophysical ability; - Passed the entrance exam; - Transfer of students from other study programs within the same or related fields of study according to the appropriate number of ECTS credits.
9.	Manner of conducting studies	<ul style="list-style-type: none"> - interactive communication in the teaching process; - lectures illustrated with slides and video clips;

		<ul style="list-style-type: none"> - work in a small group; - seminar papers in which students present a certain topic and their suggestions for solving problems; - problem-oriented workshops where truthful or simulated situations are presented, and students analyze and try to find a solution; - demonstration of skills: access to the patient in the pharmacy, communication with health professionals; - research.
10.	Prerequisite for enrollment of individual subjects	There are no special prerequisites.
11.	Proof of compliance SP	See Annex A.
12.	Elective courses	Defined by the curriculum.
13.	Student obligations and study dynamics	Pre-examination obligations according to subjects (attendance and activity at lectures and exercises, other forms of teaching) according to semester dynamics.
14.	Conditions for transfer from other study programs of the same or related studies	Transfer from other higher education institutions or study programs is done on the basis of the achieved number of ECTS credits, ie on the basis of Article 93 of the Statute of the University.

CURRICULUM: INTEGRATED ACADEMIC STUDIES OF PHARMACY

FIRST YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
1.	F1ONH1	General and inorganic chemistry 1	1	M	30	30		5
2.	F1FE	Pharmaceutical ethics	1	M	30			3
3.	F1MAT	Mathematics	1	M	30	30	15	6
4.	F1BHG	Biology with human genetics	1	M	30	30		5
5.	F1BFZ	Biophysics	1	M	30	30	15	6
6.	F1UF	Introduction to pharmacy	2	M	45	15		5
7.	F2ONH2	General and inorganic chemistry 2	2	M	45	30	15	8
8.	F2AH	Anatomy with histology	2	M	30	30		5
9.	F2OH1	Organic chemistry 1	2	M	30	30	15	6
10.	F2AH1	Analytical chemistry 1	2	M	30	30	15	6
11.	F2BOT	Botany	2	M	30	15	15	5
Total classes					360	270	90	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

SECOND YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
12.	F3AH2	Analytical chemistry 2	3	M	60	45	15	10
13.	F3FHIM	Physical chemistry with instrumental methods	3	M	45	30	15	8
14.	F3OH2	Organic chemistry 2	3	M	45	45	15	9
15.		Elective block 1	3	E	30			3
16.	F4MBL	Microbiology	4	M	45	30		7
17.	F4EJ	English language	4	M	30	30		5
18.	F4STS	Statistics	4	M	45	30		7
19.	F4OB	General biochemistry	4	M	45	30	15	8
20.		Elective block 2	4	E	30			3
Total classes					375	240	60	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

THIRD YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
21.	F5FH1	Pharmaceutical chemistry 1	5	M	60	45		9
22.	F5FZL	Physiology	5	M	45	30		7
23.	F5FGN1	Pharmacognosy 1	5	M	45	30	15	8
24.	F5MEF	Management in pharmacy	5	M	30			3
25.		Elective block 3	5	E	30			3
26.	F6FH2	Pharmaceutical chemistry 2	6	M	60	75	15	12
27.	F6FGN2	Pharmacognosy 2	6	M	60	45	15	10
28.	F6IMN	Immunology	6	M	30	30		5
29.		Elective block 4	6	E	30			3
Total classes					390	255	45	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

FOURTH YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
30.	F7AL1	Drug analysis 1	7	M	30	15	15	5
31.	F7FRM1	Pharmacology 1	7	M	45	30	15	8
32.	F7FTH1	Pharmaceutical technology 1	7	M	60	45		9
33.	F7BRM	Bromatology	7	M	30	15	15	5
34.		Elective block 5	7	E	30			3
35.	F8AL2	Drug analysis 2	8	M	30	30		5
36.	F8PF	Pathophysiology	8	M	30	15		4
37.	F8FT2	Pharmaceutical technology 2	8	M	60	45		9
38.	F8FZ	Pharmaceutical legislation	8	M	30			3
39.	F8FRM2	Pharmacology 2	8	M	45	30		6
40.		Elective block 6	8	E	30			3
Total classes					420	225	45	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

FIFTH YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
41.	F9OIF	Basics of industrial pharmacy	9	0	30	15		4
42.	F9FTP	Phytotherapy	9	0	30			3
43.	F9TH	Toxicological chemistry	9	0	30	15	15	6
44.	F9FTR	Pharmacotherapy	9	0	30	15	15	5
45.	F9KF	Clinical pharmacy	9	0	30	15		4
46.	F9MB	Medical biochemistry	9	0	30	15	15	5
47.		Elective block 7	9	I	30			3
48.	F10SSP	Student's professional training	10	0			600	20
49.	F10ZR	Final paper	10	0			120	10
Total classes					210	75	765	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

**ELECTIVE BLOCK OF THE STUDY PROGRAM INTEGRATED
ACADEMIC STUDIES OF PHARMACY**

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
ELECTIVE COURSE, BLOCK 1								
15.	F3VK	Communication skills	3	I	30			3
15.	F3HB	Chemistry of bioelements	3	I	30			3
ELECTIVE COURSE, BLOCK 2								
20.	F4MF	Marketing in pharmacy	4	I	30			3
20.	F4KH	Colloid chemistry	4	I	30			3
ELECTIVE COURSE, BLOCK 3								
25.	F5LJBŽS	Medicinal plants and environment	5	I	30			3
25.	F5AHFP	Analytical chemistry in pharmaceutical practice	5	I	30			3
ELECTIVE COURSE, BLOCK 4								
29.	F6BF	Biopharmacy with pharmacokinetics	6	I	30			3
29.	F6VF	Water in pharmacy	6	I	30			3
ELECTIVE COURSE, BLOCK 5								
34.	F7FEP	Pharmacoepidemiology	7	I	30			3
34.	F7DSL	Drug design and synthesis	7	I	30			3
ELECTIVE COURSE, BLOCK 6								
40.	F8LDPM	Laboratory diagnosis of metabolic disorders	8	I	30			3
40.	F8FEK	Pharmacoeconomics	8	I	30			3
ELECTIVE COURSE, BLOCK 7								
47.	F9KZT	Cosmetology	9	I	30			3
47.	F9FRKL	Pharmaceutical regulative in drug control	9	I	30			3

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

STUDY PROGRAM: NURSING

THREE-YEAR PROGRAM (six semesters)

TITLE: **Bachelor in nursing - 180 ECTS**

1.	Study program	FIRST CYCLE – ACADEMIC STUDIES OF NURSING
2.	Objectives of the study program	<p>Enable the student:</p> <ol style="list-style-type: none"> 1. for independent, efficient and responsible performance of general health care based on ethical principles and holistic approach to the user in various areas; 2. to apply the acquired theoretical knowledge and skills in all forms of general patient care, which include measures to improve health, prevent disease, care and nursing: <ul style="list-style-type: none"> • in primary health care and the family, in the outpatient clinic and at home, respecting diversity, culture and ethnicity; <ul style="list-style-type: none"> • in general and specialized hospitals and centers; 3. to conduct evidence-based nursing and to apply international standards in nursing practice; 4. to organize and manage the health care team and coordinate work with other members in the process of diagnosis, treatment and care of the sick and injured; 5. to organize daily work tasks and keep appropriate nursing and medical documentation; 6. to transfer the acquired knowledge and experience to other team members; 7. to follow the professional literature and continue lifelong training and 8. to respect the principles of professional ethics and to work on their affirmation with other team members.
3.	Type of study	First cycle – basic academic studies
4.	Acquired title	Bachelor in nursing – 180 ECTS
5.	Learning process outcomes	- Defining basic and clinical disciplines of health care;

		<ul style="list-style-type: none"> - Recognize the example of knowledge from the biological and human sciences, knowledge about human growth and development on the concept of health and health promotion; - Recognize the manifestations of the disease, the way of recognizing, examining, treating and caring for patients with certain mental and physical illnesses, syndromes and conditions; - Indicate the ethical dimensions of health care in staff failures, lack of care policy, realization of patients' rights, lack of equipment, medicines, etc., which include fair treatment of patients in relation to others; - Apply nursing skills care and care of patients (adults, children) in the acute phase of the disease; - Apply nursing skills, care and nursing of patients (adults, children) with emergencies; - Apply nursing skills in the application of drug therapy while monitoring the action, interaction and toxicity of drugs; - Apply nursing skills in the care of the elderly and chronically ill; - Apply nursing skills in helping patients (adults, children) in the terminal phase of the disease; - Successfully participate in the implementation of diagnostic and therapeutic procedures; - Successfully make decisions and set goals for health care; - Implement the implementation of the care plan; - Compare overall patient situations; - Apply the management of nursing records; - Plan tasks and implement those interventions for which it is authorized; - Discuss the practice and improvement of nursing practice standards; - Recognize your own needs to continue learning.
6.	Duration of studies	3 years, 6 semesters
7.	ECTS	180
8.	Conditions for enrollment in the study program	<ul style="list-style-type: none"> - Completed secondary education lasting 4 years; - Proof of psychophysical ability;

		<ul style="list-style-type: none"> - Passed the entrance exam; - Transfer of students from other study programs within the same or related fields of study according to the appropriate number of ECTS credits.
9.	Manner of conducting studies	<ul style="list-style-type: none"> - interactive communication in the teaching process; - lectures illustrated with slides and video clips, - work in a small group; - seminar papers in which students present a certain topic and their views and suggestions for solving problems; - problem-oriented workshops where true or simulated situations are presented, and students analyze and try to find a solution; - role play by students sharing the roles they play in certain situations (not example: patient - nurses - doctor); - independent performance of clinical skills; - demonstration of skills; - research work.
10.	Prerequisite for enrollment of individual subjects	There are no special prerequisites.
11.	Proof of compatibility of SP	See Annex A.
12.	Elective courses	Defined by the curriculum.
13.	Student obligations and study dynamics	Pre-examination obligations according to subjects (attendance and activity at lectures and exercises, other forms of teaching) according to semester dynamics.
14.	Conditions for transfer from other study programs of the same or related studies	Transfer from other higher education institutions or study programs is done on the basis of the achieved number of ECTS credits, ie on the basis of Article 93 of the Statute of the University.

CURRICULUM: NURSING
FIRST YEAR

No	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
1.	S1BFZ	Biophysics	1	M	30	15	15	5
2.	S1UMZNJ	Introduction to medicine and nursing care	1	M	30	30		5
3.	S1BHG	Biology with human genetics	1	M	30	30	15	6
4.	S1ME	Medical ethics	1	M	30	15	15	5
5.	S1PZ	Entrepreneurship in nursing care	1	M	30	15	15	5
6.	S1ZSZ	Nursing and social legislation - legal aspects of nursing care	1	M	45			4
7.	S2AHE	Anatomy, histology and embryology	2	M	45	30		7
8.	S2BH	Biochemistry	2	M	30	30	15	6
9.	S2FZL	Physiology	2	M	30	30	15	6
10.	S2HIG	Hygiene	2	M	30	15		4
11.	S2KZ	Communicology in nursing care	2	M	30			3
12.	S2EJ	English language	2	M	30	15		4
Total classes					390	225	90	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

SECOND YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
13.	S3EJZ	Ecology and public health	3	M	30		15	4
14.	S3FT	Pharmacology and toxicology	3	M	45	15		5
15.	S3NjZBIB	Care of contagious patients and infectious diseases	3	M	45	45		8
16.	S3PP	Pathology with pathophysiology	3	M	45	30		7
17.	S3ZNjGA	Nursing care in gynaecology and obstetrics	3	M	45	30		6
18.	S4EPD	Epidemiology	4	M	30	30		5
19.	S4MBL	Microbiology	4	M	45	15		5
20.	S4NjPMPZZ	Care in family medicine and primary nursing care	4	M	30	30	15	7
21.	S4NjIBOIMP	Care of internal medicine patients with basics of internal medicine and propaedeutics	4	M	45	45		8
22.	S4INTD	Nutrition, nutritional therapy and dietetics	4	M	30	15	15	5
Total classes					390	255	45	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

THIRD YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
23.	S5ZNjPOP	Nursing care in paediatrics with basics of paediatrics	5	M	45	30		6
24.	S5NjHBOH	Care of surgical patients with basics of surgery	5	M	45	30		7
25.	S5NjPBOP	Care of psychiatric patients with basics of psychiatry	5	M	30	15		4
26.	S5NjSOOG	Care of elderly with basics of geriatrics	5	M	30	30		5
27.	S5OKP1	General clinical practice 1	5	M		60		5
28.		Elective block 1	5	E	30			3
29.	S6OFMR	Basics of physical medicine with rehabilitation	6	M	30	15		4
30.	S6UMRIZNj	Emergency medicine, intensive care and nursing	6	M	30	30		5
31.	S6OPZNj	Oncology and palliative nursing care	6	M	30	15	15	5
32.	S6MRP	Medical and developmental psychology	6	M	30	15		4
33.	S6OKP2	General clinical practice 2	6	M		45		4
34.		Elective block 2	6	E	30			3
35.	S6ZR	Final paper	6	M			60	5
Total classes					330	285	75	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

ELECTIVE BLOCK OF THE STUDY PROGRAM NURSING

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
ELECTIVE BLOCK 1								
28.	S5FTR1	Pharmacotherapy 1	5	E	30			3
28.	S5PPPR	Patients' preparation for procedures in radiology	5	E	30			3
ELECTIVE BLOCK 2								
34.	S6NjK	Home care	6	E	30			3
34.	S6FTR2	Pharmacotherapy 2	6	E	30			3

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

STUDY PROGRAM: AGRICULTURAL ECONOMICS

FOUR-YEAR PROGRAM (eight semesters)

TITLE: Bachelor in agricultural economics - 240 ECTS

1.	Study program	FIRST CYCLE – ACADEMIC STUDIES OF AGRICULTURAL ECONOMICS
2.	Objectives of the study program	The main goal of the study program is to transfer the latest scientific and professional knowledge and skills in the field of agricultural economics that would enable profitable agricultural production and food industry by using renewable natural resources, while protecting the environment, preserving rural resources and cultural heritage.
3.	Type of study	First cycle – basic academic studies
4.	Acquired title	Bachelor in agricultural economics - 240ECTS
5.	Learning process outcomes	<ul style="list-style-type: none"> - Define general and subject-specific abilities in the function of quality performance of professional activity in agricultural economics; - Explain the organizational and economic aspects of rural development, cooperatives and markets, trade and marketing of agricultural products; - Compare and describe the concepts, categories, methods and procedures in planning, compiling and solving accounting and financial aspects of agriculture; - Develop investment and commercial-foreign trade operations of business systems of agriculture and food industry; - Develop management and marketing of business systems of agriculture and food industry; - Develop production, processing, transport of agri-food products, raw materials, auxiliary materials and means of production intended for agricultural and business systems of the food industry; - Apply knowledge and develop jobs in banks, insurance companies, representative offices, development, customs services, agencies, government agencies, agricultural advisory services; - Analyze the management, leadership, planning, design consulting business systems of agriculture and food industry; - Discuss agroeconomic knowledge and

		conclusions with experts and the general public.
6.	Duration of studies	4 years, 8 semesters
7.	ECTS	240
8.	Conditions for enrollment in the study program	<ul style="list-style-type: none"> - Completed secondary education lasting 4 years; - Proof of psychophysical ability; - Passed the entrance exam; Prelaz studenata sa drugih studijskih programa u okviru istih ili srodnih oblasti studija prema odgovarajućem broju ECTS bodova.
9.	Manner of conducting studies	<ul style="list-style-type: none"> - interactive communication in the teaching process; - lectures illustrated with slides and video clips; - work in a small group; - seminar papers in which students present a certain topic and their suggestions for solving problems; - problem-oriented workshops where truthful or simulated situations are presented, and students analyze and try to find a solution; - demonstration of skills: access to the patient in the pharmacy, communication with health professionals; - research work.
10.	Prerequisite for enrollment of individual subjects	There are no special conditions.
11.	Proof of compliance of the study program	See Annex A.
12.	Elective courses	Defined by the curriculum.
13.	Student obligations and study dynamics	Pre-examination obligations according to subjects (attendance and activity at lectures and exercises, other forms of teaching) according to semester dynamics.
14.	Conditions for transfer from other study programs of the same or related studies	Transfer from other higher education institutions or study programs is done on the basis of the achieved number of ECTS credits, ie on the basis of Article 93 of the Statute of the University.

CURRICULUM: AGRICULTURAL ECONOMICS

FIRST YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			
					L	P	OFT	ETCS
1.	AE1HEM	Chemistry	1	M	45	30		6
2.	AE1MAT	Mathematics	1	M	45	30		7
3.	AE1EJ1	English language 1	1	M	30	15		4
4.	AE1RS	Rural sociology	1	M	45	15	15	6
5.	AE1RP	Crop and vegetable sciences	1	M	45	30		7
6.	AE2EJ2	English language 2	2	M	30	30		6
7.	AE2OE	Basics of economics	2	M	30	30		6
8.	AE2STOČ	Animal husbandry	2	M	30	15	15	6
9.	AE2VV	Fruit science and viticulture	2	M	45	30		6
10.	AE2STS	Statistics	2	M	30	30		6
Total classes					375	255	30	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

SECOND YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ETCS
					L	P	OFT	
11.	AE3MP	Agricultural mechanisation	3	M	45	30		6
12.	AE3MAEK	Macroeconomics	3	M	45	30	15	8
13.	AE3NE	National economics	3	M	45	15		5
14.	AE3TTK	Theory of costs with calculations	3	M	75	45		11
15.	AE4OPT	Basics of food industry	4	M	45	30		6
16.	AE4EP	Agricultural economics	4	M	45	15	30	8
17.	AE4KSP	Marketing, trade and business operation	4	M	30	15		4
18.	AE4OF	Basics of finance	4	M	30	15		4
19.	AE4KMM	Quantitative methods for managers	4	M	30	30	30	8
Total classes					390	225	75	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

THIRD YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ETCS
					L	P	OFT	
20.	AE5MPSP	Management of business systems in agriculture	5	M	45	30	15	8
21.	AE5FPR	Financial and agricultural accounting	5	M	45	30	15	8
22.	AE5MBP	Management of plant production	5	M	45	30	15	8
23.		Elective block 1	5	E	30	30		6
24.	AE6MSP	Management of livestock production	6	M	30	30	30	8
25.	AE6FM	Farm management	6	M	30	30	30	8
26.		Elective block 2	6	E	45	15	15	7
27.		Elective block 3	6	E	45	15	15	7
Total classes					315	210	135	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

FOURTH YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
28.	AE7FAP	Financial analysis of business	7	M	30	30		6
29.	AE7PA	Planning in agribusiness	7	M	30	30		6
30.	AE7PP	Business law	7	M	45	15	15	6
31.		Elective block 4	7	E	30	30		6
32.		Elective block 5	7	E	45	15	15	6
33.	AE8TMPP	Market and marketing of agricultural products	8	M	45	30		7
34.		Elective block 6	8	M	30	30	15	7
35.		Elective block 7	8	E	45	30		7
36.	AE8SP	Professional practice	8	M		60		5
37.	AE8ZR	Final paper	8	M			45	4
Total classes					300	270	90	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

ELECTIVE BLOCK OF THE STUDY PROGRAM AGRICULTURAL ECONOMICS

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
ELECTIVE BLOCK 1								
23.	AE5GOV	Cattle breeding	5	E	30	30		6
23.	AE5OSP	Organic livestock production	5	E	30	30		6
ELECTIVE BLOCK 2								
26.	AE6OBP	Organic plant production	6	E	45	15	15	7
26.	AE6IB	Industrial plants	6	E	45	15	15	7
ELECTIVE BLOCK 3								
27.	AE6MEO	International economic relations	6	E	45	15	15	7
27.	AE6SM	Sociology of management	6	E	45	15	15	7
ELECTIVE BLOCK 4								
31.	AE7PM	Milk processing	7	E	30	30		6
31.	AE7AMP	Indigenous dairy products	7	E	30	30		6
ELECTIVE BLOCK 5								
32.	AE7PZ	Agricultural legislation	7	E	45	15	15	6
32.	AE7OP	Agricultural insurance	7	E	45	15	15	6
ELECTIVE BLOCK 6								
34.	AE8MPS	Management of agricultural extension	8	E	30	30	15	7
34.	AE8FM	Financial management	8	E	30	30	15	7
ELECTIVE BLOCK 7								
35.	AE8PF	Business finances	8	E	45	30		7
35.	AE8BBM	Bank and exchange management	8	E	45	30		7

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

STUDY PROGRAM: AGRICULTURAL PRODUCTION

FOUR-YEAR PROGRAM (eight semesters)

TITLE: Bachelor in agriculture – 240 ECTS – General module

1.	Study program	Agricultural production
2.	Objectives of the study program	The main goal of the study program is to transfer the latest scientific and professional knowledge and skills in the field of agricultural production, continuous comprehensive development of all aspects of agricultural production and food industry based on modern principles and standards.
3.	Type of study	First cycle - basic academic studies
4.	Acquired title	Bachelor in agriculture, general module - 240ECTS
5.	Learning process outcomes	<ul style="list-style-type: none"> - Recognition and definition of general theoretical knowledge necessary for fundamental knowledge and understanding of the principles of agricultural production; - Performing basic physico-chemical and biological analysis techniques; - Use of information sources, methods of data and information collection and ranking and data selection, ie problem solving, decision making and practical participation in the development of professional projects in the field of agricultural production; - Application of basic research methods and techniques in the field of agricultural production; - Understanding of concepts related to agricultural production and participation in the development of professional projects in a given field of study; - Knowledge and application of concepts, categories, methods and procedures in planning, design, organization and management of production of field, vegetable, fruit and vineyard crops as well as in animal husbandry and in accordance with the concept of sustainable development and application of innovations in the profession; - Knowledge of organizational and economic aspects of agricultural production; - Application of knowledge and skills in the fields of planning, design, management and administration of business systems in the field

		<p>of agricultural production and food industry;</p> <ul style="list-style-type: none"> - Creation and implementation of protection programs, valid risk assessment of the occurrence and spread of harmful organisms and the risk of applying chemical measures to humans and the environment; - Transfer of knowledge and conclusions in the field of agricultural production to the professional and general public; - Applying competencies of special skills and standards of professional communication.
6.	Duration of studies	4 years, 8 semesters
7.	ECTS	240
8.	Conditions for enrollment in the study program	<ul style="list-style-type: none"> - Completed secondary education lasting 4 years; - Proof of psychophysical ability; - Passed the entrance exam; <p>Transfer of students from other study programs within the same or related fields of study according to the appropriate number of ECTS credits.</p>
9.	Manner of conducting studies	<ul style="list-style-type: none"> - interactive communication in the teaching process; - lectures illustrated with slides and video clips; - work in a small group; - seminar papers in which students present a certain topic and their suggestions for solving problems; - problem-oriented workshops where truthful or simulated situations are presented, and students analyze and try to find a solution; - demonstration of skills: access to the patient in the pharmacy, communication with health professionals; - research work.
10.	Prerequisite for enrollment of individual subjects	There are no special conditions.
11.	Proof of compliance of the study program	See Annex A.
12.	Elective courses	Defined by the curriculum.
13.	Student obligations and study dynamics	Pre-examination obligations according to subjects (attendance and activity at lectures and exercises, other forms of teaching) according to semester dynamics.
14.	Conditions for transfer from other study programs of the same or related	Transfer from other higher education institutions or study programs is done on the basis of the achieved number of ECTS credits, ie on the basis of Article 93 of the Statute of the University.

	studies	
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CURRICULUM: AGRICULTURAL PRODUCTION FIRST YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
1.	PP1ONH	General and inorganic chemistry	1	M	45	30		8
2.	PP1MAT	Mathematics	1	M	30	30		6
3.	PP1EJ1	English language 1	1	M	30	30		6
4.	PP1RS	Rural sociology	1	M	45	15	15	6
5.	PP1FZ	Physics	1	M	30	15		4
6.	PP2EJ2	English language 2	2	M	30	30		6
7.	PP2OE	Basics of economics	2	M	45	30		6
8.	PP2OH	Organic chemistry	2	M	30	30		6
9.	PP2BOT	Botany	2	M	45	15		6
10.	PP2STS	Statistics	2	M	30	30		6
Total classes					360	255	15	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

SECOND YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ETCS
					L	P	OFT	
11.	PP3PED	Pedology	3	M	30	30		6
12.	PP3BH	Biochemistry	3	M	30	30		6
13.	PP3MZ	Soil management	3	M	30	30		6
14.	PP3RP	Crop and vegetable sciences	3	M	45	30		6
15.	PP3MBL	Microbiology	3	M	45	30		6
16.	PP4OF	General phytopharmacy	4	M	30	15	15	6
17.	PP4STOČ	Animal husbandry	4	M	30	15	15	6
18.	PP4GEN	Genetics	4	M	30	15	15	6
19.	PP4VV	Fruit science and viticulture	4	M	45	30		6
20.	PP4AEK	Agroecology	4	M	30	15	15	6
Total classes					345	240	60	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

THIRD YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
21.	PP5PM	Agricultural mechanisation	5	M	45	30		6
22.	PP5MPSP	Management of business systems in agriculture	5	M	30	30		6
23.	PP5KP	Calculations in agriculture	5	M	30	45		6
24.	PP5OTRP	Basics of the technology of agricultural products	5	M	45	30		6
25.		Elective block 1	5	E	30	30		6
26.	PP6TZB	Plant protection technology	6	M	30	30		6
27.	PP60TVP	Basics of fruit and vegetable technology	6	M	45	30		6
28.	PP6FM	Farm management	6	M	30	30		6
29.		Elective block 2	6	E	30	30		6
30.		Elective block 3	6	E	30	30		6
Total classes					345	315		60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

FOURTH YEAR

No.	Course code	Course	Semester	Status predmeta	Classes of active teaching			ECTS
					L	P	OFT	
31.	PP70TAP	Basics of animal products technology	7	M	30	30		6
32.	PP70HB	Breeding of horticultural plants	7	M	30	30		6
33.		Elective block 4	7	E	30	30		6
34.		Elective block 5	7	E	30	30		6
35.		Elective block 6	7	E	30	30		6
36.	PP8PP	Business law	8	M	30	15	15	6
37.	PP8UKA	Quality management in agribusiness	8	M	30	15		4
38.		Elective block 7	8	E	30	30		6
39.		Elective block 8	8	E	30	30		6
40.	PP8SP	Professional practice	8	M		45		4
41.	PP8ZR	Final paper	8	M			45	4
Total classes					270	285	60	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

ELECTIVE BLOCK OF THE STUDY PROGRAM AGRICULTURAL PRODUCTION

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
ELECTIVE BLOCK 1								
25.	PP5EZ	Land erosion	5	E	30	30		6
25.	PP5KZVP	Use and protection of water in agriculture	5	E	30	30		6
ELECTIVE BLOCK 2								
29.	PP6OBP	Organic plant production	6	E	30	30		6
29.	PP6IB	Industrial herbs	6	E	30	30		6
ELECTIVE BLOCK 3								
30.	PP6PR	Special farming	6	E	30	30		6
30.	PP6RAS	Plant nursery	6	E	30	30		6
ELECTIVE BLOCK 4								
33.	PP7GOV	Cattle breeding	7	E	30	30		6
33.	PP7OSP	Organic livestock production	7	E	30	30		6
ELECTIVE BLOCK 5								
34.	PP7MBP	Mechanization of plant production	7	E	30	30		6
34.	PP7MSP	Mechanization of livestock production	7	E	30	30		6
ELECTIVE BLOCK 6								
35.	PP7PF	Special phytopharmacy	7	E	30	30		6
35.	PP7BSS	Diseases of the plant system	7	E	30	30		6
ELECTIVE BLOCK 7								
38.	PP8ARG	Indigenous breeds of cattle	8	E	30	30		6
38.	PP8SBS	Modern biotechnologies in animal husbandry	8	E	30	30		6
ELECTIVE BLOCK 8								
39.	PP8MBP	Management of plant production	8	E	30	30		6
39.	PP8MSP	Management of livestock production	8	E	30	30		6

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

STUDY PROGRAM: BASIC ACADEMIC STUDIES OF PSYCHOLOGY

FOUR-YEAR PROGRAM (eight semesters)

TITLE: Bachelor in psychology – 240 ECTS

1.	Study program	Basic academic studies of psychology
2.	Objectives of the study program	<ul style="list-style-type: none"> - introducing students to the development of psychology as a science and profession; - introducing students to the basic concepts, methods, schools and directions in psychology and branches of psychology; - mastering basic psychological concepts and theoretical systems; - understanding the dependence and connection of psychological phenomena on organic and biological processes; - understanding the principles and laws of the process of perception, motivational and emotional processes, learning and the process of cognition; - adoption of a statistical way of thinking characteristic for understanding psychological phenomena and processes; - understanding the basic concepts, knowledge and principles of measurement theory and psychological testing; - conceptualizing a scientific research project; - knowledge of all aspects of socialization and understanding of social factors, motives and attitudes; - understanding of the basic principles of human psychological development and mechanisms of developmental changes; - mastering the main concepts and theoretical models in the field of learning and teaching; - understanding and application of standards for evaluation of educational outcomes; - use of knowledge in the creation and development of educational policy; - introduction to the models of educational management and its characteristics; - understanding the psycho-physiological bases of human work activity; - knowledge of management styles and reward

		<p>practices and their impact on motivation and work behavior;</p> <ul style="list-style-type: none"> - understanding of mobbing; - adoption of principles on which market research is conducted and media campaigns are organized; - understanding the importance of prevention and training for preventive work in various fields; - training to distinguish mentally healthy from mentally disturbed behavior; - introduction to the subject of clinical psychology; - knowledge of different therapeutic modalities and the ability to integrate theoretical and practical knowledge in the form of application of basic units - therapeutic interventions; - knowledge of crisis intervention techniques; - knowledge of techniques in clinical assessment; - mastering diagnostic procedures and interpretation of test material results; - recognition of mental disorders in relation to their syndrome manifestation; - adoption of the standard of work of psychologists and the code of ethics of psychologists; University "Bijeljina" Bijeljina Faculty of Psychology - developing team cooperation; - readiness to follow the professional literature and continue professional training.
3.	Type of study	Basic academic studies
4.	Acquired title	Bachelor in psychology - 240ECTS
5.	Learning process outcomes	<ul style="list-style-type: none"> - Recognize and define basic knowledge of psychology as a science and profession; - Define basic psychological concepts; - Define basic paradigms in psychology and theoretical directions; - Define the scientific system of psychology and methods of scientific research and develop procedures, constructions and evaluations of psychological measuring instruments; - Distinguish conditions and principles of psychological development of personality; - Distinguish socialization factors; - Interpret and apply the dependence of

		<p>psychological processes on the biological basis;</p> <ul style="list-style-type: none"> - Apply models, theories, approaches, methods and techniques of work in clinical, educational and organizational psychology; - Apply competencies for the application of theoretical knowledge during the performance of professional activities; - Apply competencies for specific skills and standards of professional communication.
6.	Duration of studies	4 years, 8 semesters
7.	ECTS	240
8.	Conditions for enrollment in the study program	<ul style="list-style-type: none"> - Completed secondary education lasting 4 years; - Proof of psychophysical ability; - Passed the entrance exam; - Transfer of students from other study programs within the same or related fields of study according to the appropriate number of ECTS credits.
9.	Manner of conducting studies	<ul style="list-style-type: none"> - interactive communication in the teaching process; - lectures illustrated with slides and video clips; - work in a small group; - seminar papers in which students present a certain topic and their suggestions for solving problems; - problem-oriented workshops where true or simulated situations are presented, and students analyze and try to find a solution; - demonstration of skills: access to the patient in the pharmacy, communication with health professionals; - research work.
10.	Prerequisite for enrollment of individual subjects	There are no special conditions.
11.	Dokaz o podudarnosti	See Annex A.
12.	Elective courses	Defined by the curriculum.
13.	Student obligations and study dynamics	Pre-examination obligations according to subjects (attendance and activity at lectures and exercises, other forms of teaching) according to semester dynamics.
14.	Conditions for transfer from other SP or	Transfer from other higher education institutions or study programs is done on the basis of the achieved number of ECTS credits, ie on the basis of Article 93

	related studies	of the Statute of the University.
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CURRICULUM: BASIC ACADEMIC STUDIES OF PSYCHOLOGY

FIRST YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
1.	P1RPNS	Development of psychology as a science and profession	1	M	30			3
2.	P1MPI	Methodology of psychological research	1	M	30	15		4
3.	P1PP	Psychology of perception	1	M	60	15		6
4.	P1SP1	Statistics in psychology 1	1	M	45	30		7
5.	P1FCNS1	Central nervous system physiology 1	1	M	45	15	15	6
6.	P1EJ1	English language 1	1	M	30	15		4
7.	P2UKP	Learning and cognitive processes	2	M	45	15	15	7
8.	P2ME	Motivation and emotions	2	M	60	15		6
9.	P2SP2	Statistics in psychology 2	2	M	45	30		7
10.	P2EJ2	English language 2	2	M	30	15		4
11.	P2FCNS2	Central nervous system physiology 2	2	M	45	15	15	6
Total classes					465	180	45	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

SECOND YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
12.	P3URP	Introduction to developmental psychology	3	M	45	15	15	6
13.	P3OPP	Basics of pedagogical psychology	3	M	45	30		6
14.	P3PSM1	Psychometrics 1	3	M	30	30	15	6
15.	P3PMZ	Mental health psychology	3	M	45	30		6
16.		Elective block 1	3	E	45		15	6
17.	P4PL	Psychology of personality	4	M	45	15	15	7
18.	P4RP	Developmental psychology	4	M	45	15	15	7
19.	P4PSM2	Psychometrics 2	4	M	30	30	15	6
20.	P4OSP	Basics of social psychology	4	M	45		15	6
21.		Elective block 2	4	E	30		15	4
Total classes					405	165	120	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

THIRD YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
22.	P50P	General psychopathology	5	M	45	15		5
23.	P500P	Basics of organizational psychology	5	M	30	15	15	5
24.	P5UKP	Introduction to clinical psychology	5	M	45	15	15	6
25.	P5EMT	Experimental methods and techniques	5	M	30	15		4
26.	P5SP	Social psychology	5	M	45	15	15	7
27.		Elective block 3	5	E	30			3
28.	P6RP	Developmental psychopathology	6	M	45	15	15	6
29.	P60PS	Basics of psychotherapy and counseling	6	M	45	30		6
30.	P6PRO	Psychology of work and organization	6	M	45	15		6
31.	P6PP	Pedagogical psychology	6	M	45	30		7
32.		Elective block 4	6	E	45	15		5
Total classes					450	180	60	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

FOURTH YEAR

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
33.	P7KP1	Clinical evaluation 1	7	M	45	30		6
34.	P7PPM	Psychotherapy schools and models	7	M	45		15	6
35.	P7PMOR	Psychology of interpersonal relationships at work	7	M	30	15	15	5
36.	P7EPSP	Ethics of psychological professional practice	7	M	30	15	15	5
37.	P7EOI	Evaluation of educational outcomes	7	M	45	15		5
38.		Elective block 5	7	E	30			3
39.	P8KP2	Clinical evaluation 2	8	M	45	30		6
40.	P8MKT	Marketing	8	M	30		15	4
41.	P8MO	Management in education	8	M	45	15		5
42.		Elective block 6	8	E	30	15		4
43.	P8SP	Professional practice	8	M		60		5
44.	P8ZR	Final paper	8	M			75	6
Total classes					375	195	135	60

L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.

**ELECTIVE BLOCK OF THE STUDY PROGRAM BASIC ACADEMIC
STUDY OF PSYCHOLOGY**

No.	Course code	Course	Semester	Course status	Classes of active teaching			ECTS
					L	P	OFT	
ELECTIVE BLOCK 1								
16.	P3KV	Communication skills	3	E	45		15	6
16.	P3PH	Psychology of humor	3	E	45		15	6
ELECTIVE BLOCK 2								
21.	P4PP	Family psychology	4	E	30		15	4
21.	P4KPV	Criminology with penology and victimology	4	E	30		15	4
ELECTIVE BLOCK 3								
27.	P5VP	Military psychology	5	E	30			3
27.	P5SR	Stress at work	5	E	30			3
ELECTIVE BLOCK 4								
32.	P6PSD	Psychopathology-special section	6	E	45	15		5
32.	P6ZP	Health psychology	6	E	45	15		5
ELECTIVE BLOCK 5								
38.	P7JZ	Public health	7	E	30			3
38.	P7PZ	Community psychology	7	E	30			3
ELECTIVE BLOCK 6								
42.	P8IK	Interventions in crisis	8	E	30	15		4
42.	P8RK	Curriculum development	8	E	30	15		4

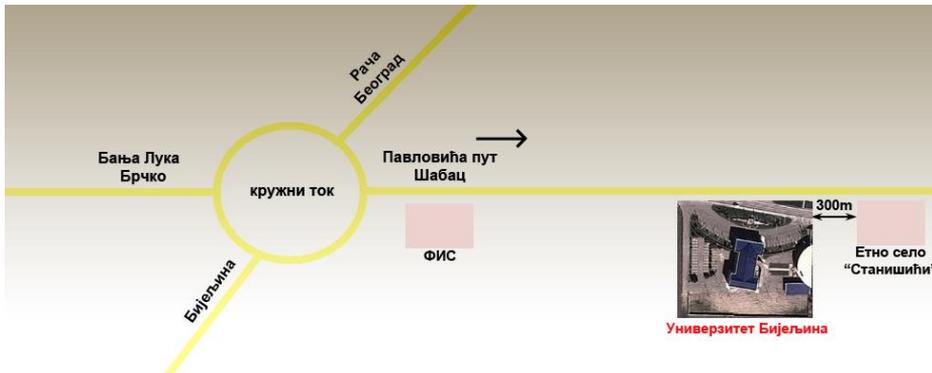
L-lectures; P-practice; OFT-other forms of teaching (seminars, scientific work, fieldwork, voluntary work, seminar paper, projects, workshops, case studies); M-mandatory course; E-elective course.



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