



DIPLOMA SUPPLEMENT

diploma number ##

1. Information identifying the holder of the diploma

- 1.1 Name:
- 1.2 Surname:
- 1.3 Date of birth (dd.mm.yyyy.):
- 1.4 Student identification number:
Personal identification number:

2. Information identifying the qualification

- 2.1 Academic degree obtained: *Specialist of Pharmacy*
- 2.2 Scientific/artistic/vocational field(s): *pharmaceutical sciences*
- 2.3 Name and status of higher education institution awarding the diploma:
University of Belgrade, state independent higher education institution
- 2.4 Name and status of higher education institution organizing the studies (if different from 2.3):
University of Belgrade – Faculty of Pharmacy, state higher education institution
- 2.5 Language(s) of instruction: *English language*

3. Information on the type and the level of study

- 3.1 Type and level of study: *specialist academic studies, second cycle*
- 3.2 Official length of program: *1 year (60 ECTS)*
- 3.3 Enrollment requirement(s):
General requirements laid down by the Law of the University of Belgrade and special requests defined by the general act of the Faculty.

4. Information on the content and results obtained

- 4.1 Mode of study: *studies at the Institution*
- 4.2 Name of the study program:
Industrial pharmacy
Objectives of the study program:
 - *Mastering the methodology and specific skills required for successful performance in the field of industrial pharmacy*
 - *Education of the highly competent professionals for specific job positions in the pharmaceutical industry; ranging from the formulation of various dosage forms, planning and organization of production, to implementation of quality assurance requirements*
 - *Training for the independent and team work, critical reasoning and management of medicinal products manufacturing*
 - *Training for the independent and team work, critical reasoning and management of manufacturing of medical devices or food supplements*



- *Providing additional knowledge in the field of industrial pharmacy necessary for monitoring and understanding of typical unit operations used in the pharmaceutical industry, with specific emphasis on validation, process control and process automation*
- *Acquisition of high competence and knowledge of legal regulations and professional principles in the process of obtaining marketing authorizations for medicinal products and medical devices; related to chemical, pharmaceutical and biological documentation*
- *Development of creative skills and understanding of issues in the industrial pharmacy*
- *Gaining knowledge on risk management related to processes in the pharmaceutical industry*
- *Acceptance of the concept of continuing education and advancement of competencies in the industrial pharmacy*

4.3 Programme details and the grades obtained:

No.	Code	Subjects Name	Status	ECTS	Total number of classes			Year of st. prog.	Grade	Teacher
					Lect.	Prat.	Oth.			
1.	СИФАО1	Research and development in the pharmaceutical industry	o.	10	30	15	60	1.		
2.	СИФАО2	Quality assurance in the pharmaceutical industry	o.	15	45	30	60	1.		
3.	СИФАО3	Marketing authorization of the medicinal products	o.	5	15	15	15	1.		
4.	СИФАО4	Industrial manufacturing of medicinal products	o.	15	45	15	105	1.		
6.		Elective course	e.	5	15	30	90	1.		
7.	СИФА3Р	Specialist thesis		10				1.		

The Title of the Specialist Thesis:
Examining committee:

4.4 Grading scale:

Grades	Classification	Number of points	
		from	to
10	excellent	91	100
9	exceptionally good	81	90
8	very good	71	80
7	good	61	70
6	sufficient	51	60
5	fail	0	50

4.5 Grade point average and overall classification of the qualification:

5. Information on the function of the degree

5.1 Access to further study:



The owner of the diploma has the right to enroll in doctoral academic studies according to the requirements provided by corresponding rule books of the University of Belgrade and the Faculty of Pharmacy on the enrollment of doctoral academic studies.

5.2 Professional status:

Students who successfully completed this study programme qualify to perform the following functions in the pharmaceutical industry:

- *Management of the medicinal products manufacturing*
- *Competent assessment, both individually and as team members, of complex issues related to research and development field and stability studies of medicinal products, medical devices and food supplements*
- *Management of the planning, organization and control of the manufacturing processes of medicinal products, medical devices and food supplements*
- *Participation in the implementation and enforcement of the requirements for quality assurance in the manufacture of medicinal products, medical device and food supplements*
- *Participation in the development of validation protocols and implementation of the validation processes*
- *Participation in the preparation of specific documents required for the marketing authorization application*
- *Participation in the teams assembled for the management of risks related to the processes in the pharmaceutical industry*
- *Recognition and independent assessment of issues in the pharmaceutical manufacturing*
- *Application of competencies and knowledge of legal regulations in the pharmaceutical industry*
- *Appointment of various types of technical cooperation and communication both within the country and abroad*
- *Professional and ethical responsibility of a specialist in industrial pharmacy.*
- *Life-long learning and improvement of competencies in the field of industrial pharmacy.*

6. Additional information

6.1 Additional information about the student:

6.2 Sources of additional information about the institution:

<http://www.bg.ac.rs>

<http://www.pharmacy.bg.ac.rs>

7. Certification of the diploma supplement

7.1 Number: _____ Date: _____

7.2 Authorized person
Dean,

7.3 Official seal and signature

Authorized person
Rector,

Official seal and signature