

KONSTANTIN
PRESLAVSKY
UNIVERSITY
SHUMEN

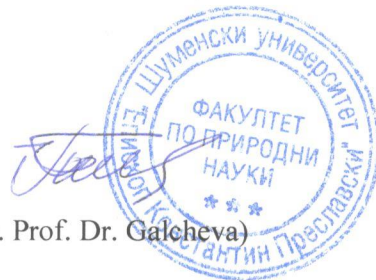


ШУМЕНСКИ УНИВЕРСИТЕТ
“ЕПИСКОП КОНСТАНТИН ПРЕСЛАВСКИ”

Approved:

Dean:

(Assoc. Prof. Dr. Galcheva)



GENERAL EDUCATIONAL PLAN

for doctoral program Ecology and Environmental protection

professional direction: 4.3. Biological sciences

scientific field: 4. Natural sciences, mathematics and informatics

The general Educational plan was approved with the decision of the FC of the FNS with a Protocol number FD-02-006/21.02.2020

SHUMEN 2020

№	Discipline	Credits
A.	Education activities	40
	Mandatory disciplines	
1.	Methods of the scientific investigations	10
2.	Foreign language	10
	<i>Optional disciplines</i>	
1.	OD I: (from the list)	8
2.	OD II: (from the list)	8
	<i>Facultative discipline</i>	
1.	from the list	4
	<i>Minimum for PhD</i>	20
B.	Scientific activity	120
C.	Teaching activity	10
	In general	190

Note 1: The obligatory, optional and facultative disciplines and the studying hours in every particular Educational plan of the PhD student have to be defined by the training section by the proposal of the scientific instructor with the participation of the PhD student. Every PhD student have to hold an exam on at least two obligatory, two optional and one facultative disciplines.

Note 2: The study of a foreign language is mandatory, except in cases where the good level of knowledge can be proved by a document or certificates.

Note 3: As an optional discipline can be recognized all courses in the particular branches in the range of scientific and educational exchange between Universities.

Note 4: As a facultative discipline can be recognized courses in other scientific branches obtained in the system of international or national student mobility.

Head of department.....

/Prof. Tsveteslava Ignatova-Ivanova, PhD/

List of the optional disciplines from the PhD program

1. Global ecological problems and sustainable development;
2. Theoretical basis of the biodiversity knowledge;
3. Applied conservation and restoration ecology;
4. Organization and dynamics of the populations;
5. Ecological microbiology;
6. Biogeographic characteristics of Bulgaria;
7. Bioethics and non-invasive investigation methods;
8. Biomechanics and Bionics;
9. Methodology of the scientific investigations;
10. Anthropogenic pollution with hazardous chemicals;
11. Cytogenetic methods for investigation of the environmental pollutions;
12. Modern phylogenetical systems;
13. Water pollutions and impact on the environmental systems;
14. Limnology;
15. Additional specialized course designed particularly according to the problem of the PhD thesis;

List of the facultative disciplines from the PhD program

1. Ecological anthropology;
2. Application of the informatics technologies in the Biological sciences;
3. European and Bulgarian environmental legislation
4. Additional specialized course designed particularly according to the problem of the PhD thesis;