



TECHNICAL UNIVERSITY IN ZVOLEN  
Faculty of Ecology and Environmental Sciences  
Study programme: **ecology and biodiversity protection**

Field of Study: Ecological and Environmental Sciences  
Degree of study: Third  
Study form: full-time  
Standard length of study: 4 academic years  
Academic degree awarded: Philosophiae Doctor (abbreviated "PhD.")  
The person responsible for SP quality: prof. RNDr. Ján Gáper, CSc.

### RECOMMENDED STUDY PLAN

#### *Mandatory courses \* (P)*

Course code	Course name	Credits	Lectures / seminars	Recommended year	Completion of the course	Conditionals courses (code)	Person responsible for the course (title, surname)	Profile course (yes/no)
D-BRO	Biological diversity and its threat	7	26/0	2	exam		Doc. Slobodník	Yes
D-MVP	Methodology used in scientific works	7	26/0	1	exam		Doc. Novikmec	Yes
JA	English language for PhD students	7	0/26	1	exam		Mgr. Balážová	No
JN	German language for PhD students	7	0/26	1	exam		Dr. phil. Ľupták	No
JF	French language for PhD students	7	0/26	1	exam		PaedDr. Veverková	No
DS	Dissertation Examination	20		2	exam		Doc. Belčáková	No

\* Courses involved in final (dissertation) examination will be:

1. Biological diversity and its threats
2. A course according to the student's choice from the list of selective courses

**Selective courses \* (PV)**

Code Subject	Name of subject	Credits	Throw P/C	Recommended year	Completion of the subject	Conditionals Subjects	Responsible for the subject (title, surname)	Profile subject (yes/no)
D-AG	Agroecosystem	7	26/0	1	exam		Doc. Kočík	No
D-A	Autecology	7	26/0	1	exam		Doc. Kubovcik	Yes
D-B	Biostatistics	7	26/0	1	exam		Ing. Svitok	No
D-BOP	Biology of conservation	7	26/0	2	exam		Doc. Slobodník	No
D-D	Population ecology	7	26/0	1	exam		Prof. Stashiov	Yes
D-EN	Human ecology	7	26/0	2	exam		Prof. Schwarz	Yes
D-EOR	Ecology and plant protection	7	26/0	2	exam		Prof. Gáper	No
D-EK	Landscape ecology	7	26/0	2	exam		Doc. Olah	No
D-EBZ	Ecology of the Earth biomes	7	26/0	2	exam		Doc. Kubovcik	No
D-ELB	Ecology of freshwater biocycle	7	26/0	2	exam		Doc. Novikmec	No
D-EP	Ecology of parasites	7	26/0	2	exam		Doc. Kubovcik	No
D-EPZ	Ecology of soil animals	7	26/0	2	exam		Prof. Stashiov	No
D-EPRH	Ecology and protection of protists, algae and fungi	7	26/0	2	exam		Prof. Gáper	Yes
D-ETB	Ecology of the terrestrial biocycle	7	26/0	2	exam		Doc. Kubovcik	No
D-IMK	Integrated landscape management	7	26/0	1	exam		Doc. Belčáková	No
D-KD	Applied landscape dendrology	7	26/0	2	exam		Prof. Škvareninová	No
D-LE	Forest ecosystem	7	26/0	1	exam		Prof. Kunca	No
D-MCHU	Management of protected areas	7	26/0	1	exam		Doc. Wiezik	Yes
D-S	Synecology	7	26/0	1	exam		Prof. Stashiov	No
D-UE	Urban ecology	7	26/0	1	exam		Doc. Olah	No

\* A student, after consultation with the supervisor, is obliged to choose four courses from the list of selective courses above. One of them will be involved in final state examination.

**Elective subjects \* (V)**

Code Subject	Name of subject	Credits	Throw P/C	Recommended semester	Completion of the subject	Conditionals Subjects	Responsible for the subject (title, surname)

\* Students can choose elective courses according to the public catalogue of courses at TU Zvolen (<https://is.tuzvo.sk>) and after consultation with the guarantor of the study programme.

**1) Study and educational activities of a PhD. student:**

	<b>Activities</b>	<b>Credits</b>
1	Completion of a mandatory or selective course	7
2	Completion of another course offered by the faculties of the university	Original subsidy
3	Teaching activity at the University in the range of 2-4 hours per week on average per academic year	15
4	Authorship or co-authorship of teaching aids and texts	5
5	Supervising a final (Bachelor) thesis	5
6	International short-term mobility for PhD. student ** (5 days – one month)	5
7	International long-term mobility for PhD. student ** (more than one month)	10

\*\* international mobility more than 5 days long is compulsory activity

**2) Creative activity of a PhD. student in the field of science:**

	<b>Activities</b>	<b>Credits</b>
1	Scientific publication in a journal registered in the Web of Science or SCOPUS database with an impact factor greater than or equal to 0.47	35
2	Scientific publication in a journal registered in the Web of Science or SCOPUS database with an impact factor lower than 0.47	25
3	Scientific publication in a foreign peer-reviewed scientific journal	18
	Scientific publication in a domestic peer-reviewed scientific journal	15
4	Presentation of own research results at a foreign scientific event (article in proceedings, extended abstract, abstract, independently, co-authorship)	15
5	Presentation of own research results at a domestic scientific event (article in proceedings, extended abstract, abstract, alone, co-authorship)	8
6	Citations Web of Science, SCOPUS	8
7	Foreign citations outside WOS and SCOPUS	3
8	Domestic citations outside WOS and SCOPUS	2
9	Activities within the workplace (member of the organizing committee of the conference, presentation of results, literature search and own experiment)	5
10	Lecture at a professional seminar within the workplace	3

11	participation in the solution of a scientific project with presentation of own results	10
12	Dissertation thesis completion	30

***Structure of the study programme in terms of credits:***

<b>The total number of credits required for the proper completion of studies</b>			<b>240</b>
<b>A number of credits for the study part</b>			<b>69</b>
<b>A number of credits for mandatory courses required for the proper completion of studies</b>		<i>total:55</i>	<i>profile courses:14</i>
<b>A number of credits for selective courses</b>	<i>minimum:28</i>	<i>maximum:35</i>	<i>profile courses:28</i>
<b>The total number of credits for profile courses</b>			<b>42</b>
<b>A number of credits for the PhD. student teaching activity</b>			<b>30</b>
<b>A number of credits for the creative activities in terms of science</b>			<b>120</b>
<b>A number of credits for mandatory activities in terms of science</b>			<b>30</b>