

Technical University in Zvolen

Faculty of Forestry

STUDY GUIDE



2021 - 2022

INTRODUCTION

During the 68 years of operation of the Faculty of Forestry in Zvolen, 7295 graduates have obtained the degree of forest engineer, 103 of them from abroad and 1643 have obtained the degree of bachelor, 3 of them from abroad. In addition, 518 graduates have completed their scientific education at the Faculty of Forestry of the Technical University of Zvolen after successful aspirant or doctoral studies and have been awarded the scientific rank of CSc. (candidate of sciences), Dr. (doctor), or PhD. (philosophiae doctor).

The Faculty of Forestry of the Technical University in Zvolen, which is the only higher education institution in Slovakia in the field of forestry, continues the rich traditions of forestry higher education.

Currently, the Faculty of Medicine has four accredited bachelor study programmes. In the study field of forestry, there is a study programme in forestry, applied zoology and hunting and a study programme in arboriculture and communal forestry. In the combination of the fields of study Geodesy and Cartography and Geography, the study programme is Applied Geoinformatics and Geodesy. At the engineering level, the study programmes are Adaptive Forestry, Applied Zoology and Hunting, Forestry Technology, Geoinformation and Mapping Techniques in Forestry, Applied Geoinformatics and Geodesy, Forest Ecology and Forestry and Wildlife Management in English.

In addition to the above accredited study programmes of the first and second degree, the Faculty of Forestry in Zvolen also has 8 accredited study programmes of the third degree - doctoral: forest cultivation and protection, forestry phytology (in SJ and AJ), forest management, adaptive forestry and game management (in AJ), ecosystem services of forests (in SJ and AJ), forestry technologies, applied zoology and hunting.

Graduates of the Faculty of Forestry of the University of Technology in Zvolen have a wide range of opportunities in practice not only because forests cover 41% of the area of our country. Thanks to the well-constructed concept of the study, its rich content and high competence of the teachers, they leave the school as highly specialised experts who are able to solve complex integrated tasks of forestry, hunting, nature conservation, landscape and environment protection, as well as other relevant areas at a high level. All this is done using the latest methods and techniques, taking into account the changing conditions of the natural, economic and social environment in relation to domestic and global issues.

The graduates of the Faculty of Forestry are also able to establish themselves internationally, as the Faculty itself is a respected member of the following international NGOs: IUFRO - International Union of Forestry Research Organizations and PRO SILVA - Association for Nature-friendly Forestry. In both organisations, the staff of the Faculty of Forestry have held and continue to hold important positions (chairmen and vice-chairmen of IUFRO expert and working groups, members of the International Committee of IUFRO, PRO SILVA Committee).

The Faculty of Forestry of TU Zvolen, despite its long-existing high professional level, has set other challenging goals for the future, which are related to the comprehensive development of the faculty. These goals are related to the improvement of the pedagogical process with emphasis on the development of critical and creative thinking, the fulfillment of

study programmes in English, the improvement of the quality of scientific research activities, the expansion of cooperation with pedagogical and scientific institutions at home and abroad, cooperation with practice with emphasis on innovation and technology transfer, etc. It is therefore my wish that all of us, both employees and students of the Faculty of Medicine and Technology in Zvolen, together manage to fulfil these ambitious goals not only for the benefit of the whole society, but also to find motivation and satisfaction of our own creativity in their achievement.

prof. Ing. Marek FABRIKA, PhD.
Dean of the Faculty of

Medicine

FACULTY PROFILING

The main mission of the Faculty of Forestry of TU Zvolen is to provide higher education to citizens of the Slovak Republic and other countries in the field of forestry, according to accredited study programmes in all three levels of higher education (bachelor, engineering, doctoral), as well as further education in these areas.

The Faculty of Forestry of the Technical University in Zvolen, as the only faculty of its kind in Slovakia, provides study programmes in the field of forestry and study programmes in the field of forestry and applied zoology and hunting, develops scientific research with the application of its results in forestry economic practice.

The scientific-educational focus of the faculty is based on the trends in the development of world science in the field of forestry, forestry technologies, forest ecology, hunting, arboriculture and communal forestry, geoinformation and mapping techniques in forestry and the requirements for the profile of a graduate of the Faculty of Forestry. The current main line of research of the faculty is focused on adaptive management of forest ecosystems in the context of ongoing climate change. A graduate of the Faculty of Forestry is an expert whose mission is to prepare, organise and manage forest production in such a way as to ensure the ecological stability of forest ecosystems and the fulfilment of the basic functions of forests, in particular water-management, soil-protection, climate, health and recreational functions, as well as the production of quality timber. In the field of hunting, it is about solving the problems of sustainable hunting management in the conditions of the market economy with application to modern ecological and conservation functions of hunting, commercial problems of hunting management, methods of breeding and care of game, including veterinary care. From the point of view of arboriculture and communal forestry, it concerns the assessment of individual functions of trees, including the determination of dysfunctions caused by abiotic influences and biotic factors and the proposal of measures to improve their condition, as well as the provision and evaluation of the chain of steps from the establishment of stands of fast-growing trees, their care to their complex processing from the aspect of biomass production. In the field of geo-information technologies, this includes training in informatics, geographic information systems, land registry, database systems, remote sensing, geodesy, photogrammetry, cartography and mapping. Forest ecology offers a comprehensive understanding of the phenomena and processes in forest ecosystems and their use for sustainable forest management with a special focus on their non-productive functions.

In the field of scientific research, the faculty addresses current tasks of forestry and hunting in the field of basic and applied research with emphasis on changing ecological conditions and ownership relations.

Related to the main mission of the faculty:

- organizes university studies and grants graduates of the faculty the academic degrees of Bachelor (abbreviated as "Bc.") and Engineer (abbreviated as "Ing."),
- carries out doctoral studies in approved fields of study and awards the academic degree of "doctor" ("philosophiae doctor", abbreviated "PhD") to graduates,
- carries out habilitation of associate professors and appointment procedures for professors,
- provides lifelong learning in defined areas.

In the academic year 2021/2022, studies at the Faculty of Forestry of TU Zvolen are organised as follows:

1. Bachelor's degree in full-time study (3 years) and part-time study (4 years) in the following study programmes:
 - Forestry,

- applied zoology and hunting.

2. engineering studies

- in full-time study (2 years) in study programmes:

- Adaptive forestry,
- applied zoology and hunting,
- forest ecology

- in the external form of study (3 years) in study programmes:

- Adaptive forestry,
- applied zoology and hunting.

3. doctoral studies in accordance with Act No. 131/2002 Coll. on Higher Education in the full-time form of study (3 years) and in the part-time form of study (4 years) in the following study programmes: forest management, forest cultivation and protection, forestry phytology (in SJ and AJ), forestry technologies, applied zoology and hunting, adaptive forestry and game management (in AJ), ecosystem services of forests (in SJ and AJ).

4. At the request of forestry practice or various institutions, the faculty will organize further education for graduates necessary for the performance of specialized professions or activities and supplementing education according to the development of science, in the form of various courses and training.

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Sitko Roman, Ing. PhD.	KPLZI
Střelcová Katarína, doc. Ing. PhD.	KPP Šálka
Jaroslav, prof. Dr. Ing.	KERLH
Širka Pavel, Mgr, PhD.	KF
Škvarenina Jaroslav, prof. Ing. CSc.	KPP
Štollmann Vladimír, doc. Ing. CSc. PhD.	KLŤLM
Šulek Rastislav, doc. Mgr. Ing. PhD.	KERLH
Tomašík Julián, Ing. PhD.	KPLZI
Trenčiansky Marek, Ing. PhD.	KERLH
Tuček Ján, prof. Ing. CSc.	KPLZI
Ujházy Karol, prof. Ing. PhD.	KF
Valent Peter, Ing. PhD.	KPLZI
Vencurik Jaroslav, Ing. PhD.	KPL
Vido Jaroslav, doc. Ing. PhD.	KPP

Scientific research staff

Allman Michal, Ing. PhD.	KLŤLM
Báliková Klára, Ing. PhD.	KERLH
Čerňava Juraj, Ing. PhD.	KPLZI
Dudáková Zuzana, Ing. PhD.	KLŤLM
Ferlica ĽubomírKAZMZ/KIOLK Fleischer Peter, Ing. PhD.	KIOLK
Homolák Marián, Ing. PhD.	KPP
Hrivnák Matúš, Ing. PhD.	KF
Klinga Peter, Ing. PhD.	KF
Knopp Vlastimil, Ing.	KF
Konôpková Alena, Mgr. PhD.	KIOLK
Korená Hillayová Michaela, Ing. PhD.	KPLZI
Korňan Martin, RNDr. PhD.	KAZMZ
Kováč Ján, Mgr. PhD.	KF
Kubala Jakub, Mgr. PhD.	KAZMZ
Lamatunga Kiki Ekiawan, MSc.	KPP
Lebocký Tibor, Ing. PhD.	KAZMZ
Leštianska Adriana, Ing. PhD.	KPP
Mistrík Milan, Ing.	KPLZI
Mokroš Martin, Ing. PhD.	KLŤLM
Nalevanková Paulína, Ing. PhD.	KPP
Očenášová Lívia, Ing.	KPLZI
Pittner Ján, Ing. PhD.	KPL
Povalačová JanaKPL	
Sedliak Maroš, Ing. PhD.	KERLH
Sedmáková Denisa, Ing.	KPL
Smolko Peter, Ing. PhD.	KAZMZ
Ščamba Branislav	KLŤLM
Šterbová Martina, Ing. PhD.	KERLH
Tamatam Dhanalakshmi, MSc.	KPP

Tunák Daniel, Ing. PhD.	KPLZ
Veselovská Alexandra, Ing. PhD.	KAZMZ
Vlčková Mária, Ing. PhD.	KLŤLM
Výbošťok Jozef, Ing. PhD.	KERLH
Wiezik Maroš, Ing. PhD.	KF
Zverko Jozef, Ing. PhD.	KPP

Other staff

Arendášová Gabriela	KF
Bačíková Zlatica, Ing.	DLF
Babiaková Miroslava, Ing.	DLF
Brodrechtová Lívia, Bc.	KPP
Dvorská Terézia	
Fig Helena	KLŤLM
Gibas Pavel	KAZMZ/KIOLK
Heincová Margaréta	DLF
Holíková Mária, Ing.	DLF
Jalaksova Zuzana	DLF
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Lovásová Valéria, Ing.	KF
Marečeková Mariana, Mgr.	KPP
Tanečková Elena	KF
Miriam, Mgr. PhD.	KPP
Vojtková Veronika, Mgr. Ing.	KIOLK
Žofková Monika, Ing.	KPL

CURRICULUM AND TIMETABLE OF THE ACADEMIC YEAR

DAILY STUDY

study field - FORESTRY

study programme

- **FORESTRY**
- **APPLIED GEOINFORMATICS AND GEODESY**
- **APPLIED ZOOLOGY AND HUNTING**

I. degree - bachelor

3-year study

Explanatory notes:

P - lectures (number of hours per week)
C - exercises (number of hours per week)

HC- main exercises (total number of days)
S- test
Z- credit

Subject **P** - compulsory
PV - compulsory elective

V - selection

I. year of study, bachelor's degree, full-time study, study programme:

Forestry

applied zoology and hunting

applied geoinformatics and geodesy

Time and content schedule of the 1st (winter) semester

Stage I 13 - 14 July 2021 Stage II 02.09.2021 - 15.09.2021		enrolment in the first year of studies in both the 1st and 2nd cycle of studies
01.09.2020 - 15.09.2020		electronic enrolment other years of study
November 2021		matriculation
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	6 weeks	study leave

Time and content schedule of the second (summer) semester

14. 02. 2022 - 22. 04. 2022	10 weeks	lectures and exercises
25. 04. 2022 - 14. 05. 2022	3 weeks	main exercises
16. 05. 2022 - 24. 06. 2022	6 weeks	study leave
27. 06. 2022 - 8. 07. 2022	2 weeks	Operational practice (I. turnus) 1st year of study
11. 07. 2022 - 22. 07. 2022	2 weeks	Operational practice (II. turnus) 1st year of study
31. 07. 2022	closing of examination reports	

- ¹⁾ **The student is required to earn 10 credits** to meet the requirements **for enrollment in the summer semester of the first year.**
- ²⁾ The student is obliged to choose from the above compulsory elective courses in each semester in order to obtain a minimum of 30 credits. The condition for advancement to the next year of study is the acquisition of 36 credits.
- ³⁾ The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

1st semester <i>l e s s i n g</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
DF	KMDG	MAT	mathematics	P	6	3	2/0	Mgr. Schmidtová	S
LF	KAZMZ	PZOO	applied zoology	P	6	2	2/0	prof. Kropil	S
LF	KIOLK	FYR	plant physiology	P	6	2	2/0	prof. Kmet	S
LF	KPP	BIOKL	Bioclimatology	P	6	2	2/2	doc. Střelcová	S
LF	KPP	GMZ	geology and soil mechanics	P	6	2	2/2	prof. Pichler	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
LF	KIOLK	PMYK	practical mycology	V	3	2	1/1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	2	2/0	Prof.. Pivarčiová	S
CUP	UCJ	2CJA1	2. foreign language JA 1	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF1	2. foreign language JF 1	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN1	2. foreign language JN 1	V	3	0	4/0	Dr. phil. Mgr. Lupták	S

1st semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KAZM Z	PZOO	applied zoology	P	6	2	2/0	prof. Kropil	S
LF	KIOL K	FYR	plant physiology	P	6	2	2/0	prof. Kmet	S
LF	KPP	BIOKL	Bioclimatology	P	6	2	2/2	doc. Střelcová	S
LF	KPLZI	MAPLE	forest mapping	P	6	3	3/3	doc. Chudý	S
LF	KAZM Z	PHAK	hunting history and culture	PV	6	2	1/0	Ing. Lebocký	S
LF	KPP	GMZ	geology and soil mechanics	PV	6	2	2/2	prof. Pichler	S
DF	KMDG	MAT	mathematics	PV	6	3	2/0	Mgr. Schmidtová	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
LF	KIOLK	PMYK	practical mycology	V	3	2	1/1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	2	2/0	prof. Pivarčiová	S
CUP	UCJ	2CJA1	2. foreign language JA 1	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF1	2. foreign language JF 1	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN1	2. foreign language JN 1	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

1st semester <i>applicational geoinformatics and geodesion</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	ZMLOG	basics of mathematical logic	P	6	2	2/0	doc. Root	S
LF	KPLZI	GEO1	Geodesy I	P	6	2	3/2	doc. Chudý	S
LF	KPLZI	KART	cartography	P	6	2	2/0	doc. Root	S
LF	KPP	GAG	geology and geomorphology	P	6	3	2/2	prof. Pichler	S
LF	KPP	MAE	meteorology and climatology	P	5	2	2/2	prof. Škvarenina	S
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	UCJ	2CJA1	2. foreign language JA 1	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF1	2. foreign language JF 1	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN1	2. foreign language JN 1	V	3	0	4/0	Dr. phil. Mgr. Lupták	S

2nd semester <i>l e s s i n g</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	GAF	geodesy and photogrammetry	P	6	3	3/3	doc. Chudý	S
LF	KIOLK	LENT	forest entomology	P	6	2	2/0	Ing. Hlaváč	S
LF	KF	LBOT	forest botany	P	6	2	2/2	doc. Kochjarová	S
LF	KPP	LDEN	forestry dendrology	P	6	2	2/3	doc. Lukáčik	S
LF	D LF	PRAX1	operational practice I.	P	2	10 days		doc. Kardoš	Z
DF	KCHCHT	CHEM	Chemistry	PV	4	2	2/0	doc. Čabalová	S
DF	KFEAM	APFYZ	applied physics	PV	4	2	2/0	doc. Gajtanská	S
LF	KLŤLM	ZLT	basics of forestry technology	PV	4	2	2/1	doc. Gejdos	S
LF	KPLZI	INFOR	Informatics	PV	6	2	2/0	Prof. Fabrika	S
REKT	KERLH	SAP	sociology and psychology	PV	5	2	1/0	doc. Šulek	S
LF	KERLH	MAPT	marketing and market research	PV	4	2	2/0	doc. Halaj	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	2	2/2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	2	1/0	doc. Pavlík	Z

CUP	UCJ	2CJA2	2. foreign language JA 2	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF2	2. foreign language JF 2	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN2	2. foreign language JN 2	V	3	0	4/0	Dr. phil.Mgr. Ľupták	S

2nd semester <i>applicationalologyandpolication</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPP	LPAM	forestry pedology and microbiology	P	6	2	2/2	doc. Gömöryová	S
LF	KF	LBOT	forest botany	P	6	2	2/2	doc. Kochjarová	S
LF	KPL	LDEN	forestry dendrology	P	6	2	2/3	doc. Lukáčik	S
LF	KAZMZ	FAVZ	physiology and nutrition of game	P	6	2	2/2	doc. Rajs ký	S
LF	D LF	PRAX1	operational practice I.	P	2	10 days		doc. Kardoš	Z
LF	KIOLK	LENT	forest entomology	PV	6	2	2/0	Ing. Hlaváč	S
DF	KCHCHT	CHEM	Chemistry	PV	4	2	2/0	doc. Čabalová	S
DF	KFEAM	APFYZ	applied physics	PV	4	2	2/0	doc. Gajtánska	S
LF	KPLZI	INFOR	Informatics	PV	6	2	2/0	Prof. Fabrika	S
LF	KLŤLM	ZLT	basics of forestry technology	PV	4	2	2/1	doc. Gejdos	S
LF	KPP	MILK	monitoring forest ecosystems	PV	4	2	2/0	prof. Pichler	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	2	2/2	doc. Pavlík	S

LF	KIOLK	ZMYK	basics of mycology	V	2	2	1/0	doc. Pavlík	Z
CUP	UCJ	2CJA2	2. foreign language JA 2	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF2	2. foreign language JF 2	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN2	2. foreign language JN 2	V	3	0	4/0	Dr. phil.Mgr. Lupták	S

2nd semester <i>application geoinformation and geodesion</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	LAAG	linear algebra and analytic geometry	P	6	2	2/0	doc. Root	S
LF	KPLZI	INFOR	Informatics	P	6	2	2/0	Prof. Fabrika	S
LF	KPLZI	GEO2	Geodesy II	P	6	2	3/3	doc. Kardoš	S
LF	KPLZI	UGEIOI	introduction to geoinformatics	P	6	2	2/0	prof. Tuček	S
DF	KFEAM	APFYZ	applied physics	PV	4	2	2/0	doc. Gajtanská	S
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	UCJ	2CJA2	2. foreign language JA 2	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF2	2. foreign language JF 2	V	3	0	4/0	PaedDr. Veverková, PhD.	S

CUP	UCJ	2CJN2	2. foreign language JN 2	V	3	0	4/0	Dr. phil.Mgr. Ľupták	S
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II. year of study, bachelor's degree, full-time study, study programme:

Forestry

applied zoology and hunting

applied geoinformatics and geodesy

Time and content schedule of the III (winter) semester

1. 09. 2021 - 15.09.2021		electronic entry
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	5 weeks	study leave

Time and content schedule of the IV (summer) semester

14. 02. 2022 - 22. 04. 2022	10 weeks	lectures and exercises
25. 04. 2022 - 14. 05. 2022	3 weeks	main exercises
16. 05. 2022 - 24. 06. 2022	6 weeks	study leave
during the holidays	Operational practice II. 2nd year of study	
31. 07. 2022	closing of examination reports	

- 1) The student is obliged to choose from the above compulsory elective courses in each semester in order to obtain a minimum of 30 credits. A minimum of 36 credits is required for advancement to a higher year of study.
- 2) The student is obliged to pass an examination from the subjects "AJ/NJ/FJ - grammar of professional style and professional communication" before the completion of the Bachelor's degree.
- 3) The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

3rd semester <i>l e s s i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	BIOM	biometrics	P	6	2	2/0	prof. Scheer	S
LF	KF	ZEKOL	Ecology	P	4	2	1/0	prof. Ujházy	S
LF	KF	GASLD	genetics and breeding forest trees	P	6	2	2/2	prof. Gömöry	S
LF	KLŤLM	LMP	forestry machinery	P	6	2	2/2	doc. Stollmann	S
DF	KND	NOD	wood science and wood properties	P	5	2	2/0	doc. Hrčka	S
LF	KLŤLM	LHYDR	forest hydrology	PV	4	2	2/1	prof. Jakubis	S
LF	KLŤLM	VZLS	general basics of forestry construction	PV	4	2	2/0	Ing. Juško	S
LF	KERLH	TOBCH	techniques of trade	PV	4	1	2/0	doc. Halaj	S
REKT	KERLH	FROM	basics of economics	PV	6	2	2/1	prof. Šálka	S
CUP	ÚCJ	GOS_A	JA - grammar of professional style	PV	2	0	2/0	Mgr. Danihelová, PhD.	Z
CUP	ÚCJ	GOS_N	JN - grammar of professional style	PV	2	0	2/0	Mgr. Vyhnáliková, PhD.	Z
LF	KLŤLM	PRP	portable chainsaws	V	4	2	2/2	doc. Lieskovsky	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
LF	KIOLK	PMYK	practical mycology	V	3	2	1/1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	2	2/0	prof. Pivarčiová	S
CUP	UCJ	2CJA3	2. foreign language JA 3	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF3	2. foreign language JF 3	V	3	0	4/0	PaedDr. Veverková, PhD	S
CUP	UCJ	2CJN3	2. foreign language JN 3	V	3	0	4/0	Dr. phil. Mgr. Lupták	S

3rd semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	BIOM	biometrics	P	6	2	2/2	prof. Scheer	S
LF	KF	GVRAZ	genetics of higher plants and animals	P	6	2	2/2	prof. Gömöry	S
LF	KAZMZ	PKYN	cynology	P	5	2	1/2	Ing. Pataky	S
LF	KAZMZ	BPZ	wildlife biology	P	6	3	2/3	prof. Kropil	S
LF	KAZMZ	EZIV	animal ecology	P	4	2	0/0	prof. Kropil	S
LF	KLŤLM	LHYDR	forest hydrology	PV	4	2	2/1	prof. Jakubis	S
LF	KLŤLM	EABPP	ergonomics and safety at work	PV	5	2	2/2	prof. Messinger	S
REKT	KERLH	OP	commercial law	PV	6	2	1/0	doc. Šulek	S
CUP	ÚCJ	GOS_A	JA - grammar of professional style	PV	2	0	2/0	Mgr. Danihelová, PhD.	Z
CUP	ÚCJ	GOS_N	JN- grammar of professional style	PV	2	0	2/0	Mgr. Vyhnáliková, PhD.	Z
LF	KERLH	FROM	basics of economics	PV	6	2/2	1	prof. Šálka	S
LF	KLŤLM	PRP	portable chainsaws	V	4	2	2/2	doc. Lieskovsky	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
LF	KIOLK	PMYK	practical mycology	V	3	2	1/1	doc. Pavlík	S
FEVT	KRSAT	VYPT	computer technology	V	3	2	2/0	prof. Pivarčiová	S
CUP	UCJ	2CJA3	2. foreign language JA 3	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF3	2. foreign language JF 3	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN3	2. foreign language JN 3	V	3	0	4/0	Dr. phil.Mgr. Eupták	S

3rd semester <i>applicational geoinformatics and geodesion</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
DF	KFEAM	MATAN	mathematical analysis	P	6	2	2/0	doc. Gajtánska	S
FT	KVAT	ALAPR	algorithmization and programming	P	6	2	2/0	prof. Pivarčiová	S
LF	KPLZI	CLEAR	the basics of the cadastre of immovable property	P	6	2	2/1	doc. Kardoš	S
LF	KPLZI	SGU	geographic data processing	P	6	2	2/2	prof. Tuček	S
LF	KPLZI	FOT1	photogrammetry I	P	6	2	3/3	doc. Chudý	S
LF	KF	ZEKOL	Ecology	P	4	2	1/0	prof. Ujházy	
REKT	KERLH	FROM	basics of economics	PV	6	2	2/1	prof. Šálka	S
CUP	ÚCJ	GOS_A	JA - grammar of professional style	PV	2	0	2/0	Mgr. Danihelová, PhD.	Z
CUP	ÚCJ	GOS_N	JN- grammar of professional style	PV	2	0	2/0	Mgr. Vyhnáliková, PhD.	Z
CUP	CTVS	TSV	physical and sports education	V	1		2		Z
CUP	CTVS	TV	physical education	V	0		2		Z
CUP	CTVS	VSZ	selective sport and health	V	1		2		Z
CUP	UCJ	2CJA3	2. foreign language JA 3	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF3	2. foreign language JF 3	V	3	0	4/0	PaedDr. Veverková, PhD.	S

CUP	UCJ	2CJN3	2. foreign language JN 3	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
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4th semester <i>l e s s i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPP	LPAM	forestry pedology and microbiology	P	6	2	2/2	doc. Gömöryová	S
LF	KPLZI	DENDR	dendrometry	P	6	2	2/3	prof. Scheer	S
LF	KF	FALT	phytocenology and forest typology	P	6	2	2/2	prof. Ujházy	S
LF	KPL	ZAKL	forest establishment	P	6	3	2/2	doc. Repáč	S
LF	D LF	PRAX2	operational practice 2	P	2	10 days		doc. Kardoš	Z
DF	KEMP	PMAN	personnel management	PV	4	2	2/0	prof. Hitka	S
LF	KPL	DEJLE	history of forestry	PV	4	2	1/0	doc. Vencúrik	S
LF	KPLZI	MAVYT	mapping and delineation	PV	4	2	2/1	doc. Chudý	S
LF	KERLH	KATC	costing and pricing	PV	4	1	2/0	prof. Šálka	S
CUP	ÚCJ	JA_OK_BLF	JA - Professional communication for LF students	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	JN-OK_BLF	JN - Professional communication for LF students	PV	3	0	2/0	Dr. phil. Mgr. Lupták	S
FEE	KEVTUR	FILOZ	philosophy	V	2	2	2/0	Mgr. Rácz	Z
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	2	2/2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	2	1/0	doc. Pavlík	Z
CUP	UCJ	2CJA4	2. foreign language JA 4	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF4	2. foreign language JF 4	V	3	0	4/0	PaedDr. Veverková, PhD.	S

CUP	UCJ	2CJN4	2. foreign language JN 4	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
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4th semester <i>applicationalologyandpolication</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KAZMZ	FISHER	fishing	P	6	2	2/2	prof. Kropil	S
LF	KF	FALT	phytocenology and forest typology	P	6	2	2/2	prof. Ujházy	S
LF	KAZMZ	PSTRE	Shooting	P	6	2	1/2	prof. Kropil	S
FEE	KPTK	ZRV	crop and livestock production	P	6	2	2/2	doc. Kočík	S
LF	D LF	PRAX2	operational practice II.	P	2	10 days		doc. Kardoš	Z
LF	KIOLK	SOURCE	Beekeeping	PV	4	2	2/2	doc. Kodrík	S
LF	KERLH	SAP	sociology and psychology	PV	5	2	1/0	doc. Šulek	S
LF	KPLZI	DENDR	dendrometry	PV	6	2	2/3	prof. Scheer	S
LF	KPL	ZAKL	forest establishment	PV	6	3	2/2	doc. Repáč	S
CUP	ÚCJ	JA_OK_BLF	JA - Professional communication for LF students	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	JN-OK_BLF	JN - Professional communication for LF students	PV	3	0	2/0	Dr. phil. Mgr. Lupták	S
FEE	KEVTUR	FILOZ	philosophy	V	2	0	2/0	Mgr. Rácz	Z
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
LF	KIOLK	VHUP	the use of mushrooms in the urban	V	4	2	2/2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	2	1/0	doc. Pavlík	Z
CUP	UCJ	2CJA4	2. foreign language JA 4	V	3	0	4/0	Mgr. Danihelová, PhD.	S

CUP	UCJ	2CJF4	2. foreign language JF 4	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN4	2. foreign language JN 4	V	3	0	4/0	Dr. phil. Mgr. Lupták	S

4th semester <i>applicational geoinformatic and geodesion</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	ADMAT	algebra and discrete mathematics	P	6	2	2/0	doc. Root	S
FT	KVAT	PRAPL	application programming	P	6	2	2/0	prof. Pivarčiová	S
LF	KPLZI	ZDPZ	basics of remote sensing	P	6	2	2/2	doc. Kardoš	S
DDF	KPO	GUAI	geographical data and information	P	6	2	2/0	doc. Majlingová	S
CUP	ÚCJ	JA_OK_BLF	JA - Professional communication for LF students	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	JN-OK_BLF	JN - Professional communication for LF students	PV	3	0	2/0	Dr. phil. Mgr. Lupták	S
LF	KPLZI	SAGM	processing and analysis of geodetic measurements	PV	5	2	2/0	prof. Tuček	S
FEE	KAE	KEI	Landscape ecology	PV	6	3	3/3	doc. Oláh	S
CUP	CTVS	TSV	physical and sports education	V	1		2		Z
CUP	CTVS	TV	physical education	V	0		2		Z
CUP	CTVS	VSZ	selective sport and health	V	1		2		Z
CUP	UCJ	2CJA4	2. foreign language JA 4	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF4	2. foreign language JF 4	V	3	0	4/0	PaedDr. Veverková, PhD.	S

CUP	UCJ	2CJN4	2. foreign language JN 4	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
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III. year of study, bachelor's degree, full-time study, study programme:

Forestry

applied zoology and hunting

applied geoinformatics and geodesy

Time and content schedule of the V. (winter) semester

1. 09. 2021 - 15.09.2021	electronic entry	
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	6 weeks	study leave

Time and content schedule of the VI (summer) semester

14. 02. 2022 - 22. 04. 2022	10 weeks	lectures and exercises
25. 04. 2022 - 14. 05. 2022	3 weeks	main exercises
13. 05. 2022		submission of bachelor theses
16. 05. 2022 - 10. 06. 2022	4 weeks	study leave
13. 06. 2022 - 17. 06. 2022	1 week	I. and II. correction periods
20. 06. 2022 - 24. 06. 2022	1 week	preparation for the SS and BP defence
27. 06. 2022 - 1. 07. 2022		defence of bachelor theses and state examinations
8. 07. 2022		Promotions

- 1) The student is obliged to choose from the above compulsory elective courses in each semester in order to obtain a minimum of 30 credits.
- 3) The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

5th semester <i>l e s s i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KIOLK	FAOL	phytopathology and forest protection	P	5	2	2/2	Ing. Hlaváč	S
LF	KPL	PEL1	Silviculture I.	P	6	2	2/3	prof. Jaloviar	S
LF	KERLH	ECOLE	forestry economics	P	6	2	2/2	prof. Holécý	S
LF	KLŤLM	EABPP	ergonomics and safety at work	P	5	2	2/2	prof. Messinger	S
LF	KAZMZ	POLOV	hunting	P	6	2	2/3	prof. Kropil	S
LF	KPLZI	ZKATN	the basics of the cadastre of immovable property	PV	4	2	2/2	doc. Kardoš	S
DF	KMOSL	OSD	timber trade	PV	4	2	2/0	doc. Paluš	S
LF	KLŤLM	LANLE	cableways in forestry	PV	4	2	2/1	prof. Messinger	S
LF	KERLH	VEKON	public economy	PV	4	2	2/0	Ing. Balážová	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
LF	KIOLK	PMYK	practical mycology	V	3	2	1/1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	2	2/0	prof. Pivarčiová	S
CUP	UCJ	2CJA5	2. foreign language JA 5	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF5	2. foreign language JF 5	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN5	2. foreign language JN 5	V	3	0	4/0	Dr. phil.Mgr. Ľupták	S

5th semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KERLH	ZPH	the basics of business management	P	5	2	2/0	prof. Šálka	S
LF	KPL	PEL1	Silviculture I.	P	6	2	2/3	prof. Jaloviar	S
LF	KAZMZ	POLOV	hunting	P	6	2	2/3	prof. Kropil	S
LF	KAZMZ	VSOZ	veterinary care for game	P	5	2	2/2	doc. Rajský	S
LF	KF	BDIV	Biodiversity	PV	4	2	1/0	prof. Gömöry	S
LF	KPLZI	ZKATN	the basics of the cadastre of immovable property	PV	4	2	2/2	doc. Kardoš	S
LF	KPP	ECTOX	ecotoxicology of forest ecosystems	PV	4	2	2/2	prof. Pichler	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
LF	KIOLK	PMYK	practical mycology	V	3	2	1/1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	2	2/0	prof. Pivarčiová	S
CUP	UCJ	2CJA5	2. foreign language JA 5	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF5	2. foreign language JF 5	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN5	2. foreign language JN 5	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

5th semester <i>application geoinformation and geodesion</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	STAT	Statistics	P	6	2	2/0	prof. Scheer	S
FT	KVAT	WEBSITE	web technologies	P	6	2	2/0	prof. Pivarčiová	S
LF	KPLZI	INGEO	engineering geodesy	P	6	2	2/2	doc. Chudý	S
LF	KPLZI	KATMAP	cadastral mapping	P	6	2	2/3	doc. Chudý	S
FT	KVAT	ZVCAD	basics of using CAD systems	PV	6	1	3/0	prof. Pivarčiová	S
LF	KPP	VBG	general biogeography	PV	4	2	2/2	prof. Škvarenina	S
FEE		UPL	spatial planning	PV	5	2	2/2	doc. Jančura	S
FEE	KAE	MPK	modelling of landscape processes	PV	5	2	2/2	doc. Oláh	S
CUP	CTVS	TSV	physical and sport education	V	1	0	2/02		Z
CUP	CTVS	TV	physical education	V	0	0	2/02		Z
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/02		Z
CUP	UCJ	2CJA5	2. foreign language JA 5	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF5	2. foreign language JF 5	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN5	2. foreign language JN 5	V	3	0	4/0	Dr. phil. Mgr. Lupták	S

6th semester <i>l e s s i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	HUL1	forest management I.	P	6	3	2/4	doc. Merganič	S
LF	KLŤLM	ŤDT1	mining and transport technologies I.	P	5	3	2/3	Prof.Messinger	S
LF	KLŤLM	LSTAV	forestry buildings	P	5	3	2/2	prof. Jakubis	S
LF	D LF	SS-B	state examination	P	5			Prof. Fabrika	NWF
LF	D LF	BAKAL	bachelor thesis	P	5			doc. Kardoš	NWF
LF	KERLH	ZUAE	basics of accounting and record-keeping	PV	4	2	2/1	prof. Hajdúchová	S
LF	KPL	LHLP	forest management in forestry practice	PV	4	2	2/0	doc. Jaloviar	S
LF	KF	KVBIO	comprehensive biomass recovery	PV	4	2	2/1	doc. Lieskovsky	S
LF	KLŤLM	MVNAD	small water reservoirs	PV	4	2	2/1	prof. Jakubis	S
LF	KF	BIOT	Biotechnology	PV	4	2	2/1	prof. Ďurkovič	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	2	2/2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	2	1/0	doc. Pavlík	Z
CUP	UCJ	2CJA6	2. foreign language JA 6	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF6	2. foreign language JF 6	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN6	2. foreign language JN 6	V	3	0	4/0	Dr. phil. Mgr. Lupták	S

6th semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KIOLK	NOSCL	forest pest science	P	5	2	2/2	Ing. Hlaváč	S
LF	KPLZI	HUL1	forest management I.	P	6	3	2/4	doc. Merganič	S
LF	KLŤLM	ŤDT1	mining and transport technologies I.	P	6	3	2/3	prof. Messinger	S
LF	D LF	SS-B	state examination	P	5			Prof. Fabrika	NWF
LF	D LF	BAKAL	bachelor thesis	P	5			doc. Kardoš	NWF
LF	KF	BIOT	Biotechnology	PV	4	2	2/1	prof. Ďurkovič	S
LF	KLŤLM	MVNAD	small water reservoirs	PV	4	2	2/1	prof. Jakubis	S
LF	KERLH	PNAL	legal standards and legislation	PV	5	2	2/0	prof. Šálka	S
LF	KERLH	ZUAE	basics of accounting and record-keeping	PV	4	2	2/1	prof. Hajdúchová	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	2	2/2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	2	1/0	doc. Pavlík	Z
CUP	UCJ	2CJA6	2. foreign language JA 6	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF6	2. foreign language JF 6	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN6	2. foreign language JN 6	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

6th semester <i>application geo information and geodesion</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KERLH	ZPPR	basics of land law	P	4	3	0/0	doc. Šulek	S
LF	D LF	SS-B	state examination	P	7			Prof. Fabrika	NWF
LF	D LF	BAKAL	bachelor thesis	P	7			doc. Kardoš	NWF
DF	KPO	UTR	introduction to risk theory	PV	4	2	2/0	doc. Majlingová	S
DF	KEMP	PRMAN	project management	PV	4	2	2/0	doc. Potkany	S
CUP	UCJ	2CJA6	2. foreign language JA 6	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF6	2. foreign language JF 6	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN6	2. foreign language JN 6	V	3	0	4/0	Dr. phil.Mgr. Eupták	S

CURRICULUM AND TIMETABLE OF THE ACADEMIC YEAR

DAILY STUDY

study field - FORESTRY

study programme

- **ADAPTIVE FORESTRY**
- **FOREST ECOLOGY**
- **FORESTRY TECHNOLOGIES**
- **FORESTRY AND GAME MANAGEMENT**
- **APPLIED ZOOLOGY AND HUNTING**

II. degree - engineering

2-year study

Explanatory notes:

P - lectures (number of hours per week)
C - exercises (number of hours per week)

Subject P - compulsory
PV - compulsory elective

HC- main exercises (total number of days)
S- test
Z- credit

V - selection

I. year of study, engineering degree, full-time study, study programme:

adaptive forestry

applied zoology and hunting

forest ecology

applied geoinformatics and geodesy

forestry technologies

Forestry and Wildlife Management

Time and content schedule of the 1st (winter) semester

enrollment		7. 09. 2021
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	5 weeks	study leave

Time and content schedule of the second (summer) semester

14. 02. 2022 - 22. 04. 2022	10 weeks	lectures and exercises
25. 04. 2022 - 14. 05. 2022	3 weeks	main exercises
16. 05. 2022 - 24. 06. 2022	6 weeks	study leave
during the holidays	3 weeks	pre-diploma practice
31. 07. 2022	closing of examination reports	

- 1) The student is obliged to choose from the above compulsory elective courses in each semester in order to obtain a minimum of 30 credits. The condition for advancement to the next year of study is the acquisition of 36 credits.
- 2) All first-year students in the second cycle of studies are required to choose a foreign language in both the winter and summer semesters.
- 3) The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

***) all students who did not take the course of hunting zoology at the Faculty of Science of the Technical University of Zvolen in the first bachelor degree of study will enrol in the course;**

1st semester <i>a d a p t i v e s</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KLŤLM	TDT2-I	mining and transport technologies II.	P	6	2	2/3	doc. Lieskovsky	S
LF	KLŤLM	LMZB-I	forestry land reclamation	P	6	2	2/2	prof. Jakubis	S
LF	KPLZI	ZGIS-I	basics of GIS	P	6	2	2/0	prof. Tuček	S
LF	KPLZI	NOPL-I	forest production science	P	6	2	2/0	doc. Sedmák	S
LF	KPL	SDPU-I	horticultural dendrology and park landscaping	PV	4	2	2/1	doc. Lukáčik	S
LF	KPLZI	AMP-I	automation of mapping work	PV	6	2	2/2	doc. Chudý	S
LF	KPL	ZLEEP-I	forest establishment in extreme ecological conditions	PV	4	2	2/1	doc. Repáč	S
LF	KLŤLM	VOS-I	Multi-operating machines	PV	4	2	2/1	prof. Messinger	S
CUP	ÚCJ	AK_A	JA - Academic Communication	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	AK_N	JN - Academic communication	PV	3	0	2/0	Dr. phil. Mgr. Lupták	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z
CUP	ÚCJ	2CJA7	2. foreign language JA 7	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN7	2. foreign language JN 7	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF7	2. foreign language JF 7	V	3	0	4/0	PaedDr. Veverková, PhD.	S

1st semester <i>applicationalologyandpolication</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KAZMZ	OCHZI-I	animal protection	P	5	2	2/0	doc. Lesho	S
LF	KAZMZ	MANPO-I	hunting management	P	7	2	2/1	doc. Halaj	S
LF	KERLH	FRP-I	financial management of the company	P	7	2	1/0	prof. Hajdúchová	S
LF	KAZMZ	PZOO	applied zoology*	PV	6	2	2/0	prof. Kropil	S
LF	KAZMZ	OPK-I	nature and landscape protection	PV	6	2	2/1	doc. Lesho	S
LF	KPLZI	ZGIS-I	basics of GIS	PV	6	2	2/0	prof. Tuček	S
LF	KPL	SDPU-I	horticultural dendrology and park landscaping	PV	4	2	2/1	doc. Lukáčík	S
LF	KERLH	EOPZ-I	economics and valuation of natural resources	PV	6	2	2/0	prof. Holécy	S
CUP	ÚCJ	AK_A	JA - Academic Communication	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	AK_N	JN - Academic communication	PV	3	0	2/0	Dr. phil. Mgr. Lupták	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z
CUP	ÚCJ	2CJA7	2. foreign language JA 7	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN7	2. foreign language JN 7	V	3	0	4/0	Dr. phil. Mgr. Lupták	S

CUP	ÚCJ	2CJF7	2. foreign language JF 7	V	3	0	4/0	PaedDr. Veverková, PhD.	S
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1st semester <i>ecologialess</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KF	DVEG-I	vegetation dynamics	P	6	2	2/1	prof. Ujházy	S
LF	KLŤLM	TDT2-I	mining and transport technologies II.	P	6	2	2/3	doc. Lieskovsky	S
LF	KPP	FLS-I	phytogeography of forest ecosystems	P	6	2	2/1	prof. Škvarenina	S
LF	KPLZI	ZGIS-I	basics of GIS	PV	6	2	2/0	prof. Tuček	S
LF	KPP	GZKLE-I	global climate change and forest ecosystems	PV	4	2	2/2	prof. Škvarenina	S
LF	KAZMZ	EZIV	animal ecology	PV	4	2	2/2	prof. Kropil	S
LF	KLŤLM	LMZB-I	forestry land reclamation	PV	6	2	2/2	prof. Jakubis	S
CUP	ÚCJ	AK_A	JA - Academic Communication	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	AK_N	JN - Academic communication	PV	3	0	2/0	Dr. phil. Mgr. Lupták	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z
CUP	ÚCJ	2CJA7	2. foreign language JA 7	V	3	0	4/0	Mgr. Danihelová, PhD.	S

CUP	ÚCJ	2CJN7	2. foreign language JN 7	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
CUP	ÚCJ	2CJF7	2. foreign language JF 7	V	3	0	4/0	PaedDr. Veverková, PhD.	S

1st semester <i>lexical technology</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KLŤLM	TDT2-I	mining and transport technologies II.	P	6	2	2/3	prof. Messinger	S
LF	KLŤLM	LMZB-I	forestry land reclamation	P	6	2	2/2	prof. Jakubis	S
LF	KPLZI	AMP-I	automation of mapping work	P	6	2	2/2	doc. Chudý	S
LF	KPLZI	ZGIS-I	GIS basics	P	6	2	2/2	prof. Tuček	S
LF	KLŤLM	ZPL-I	recovery of forest products	PV	4	2	2/0	doc. Lieskovsky	S
LF	KLŤLM	SORT-I	wood sorting	PV	4	2	2/0	doc. Gejdos	S
LF	KPLZI	KATNE-I	cadastre of immovable property	PV	6	2	2/2	doc. Kardoš	S
LF	KPLZI	DFOT-I	digital photogrammetry	PV	6	2	2/2	doc. Chudý	S
LF	KLŤLM	VOS-I	Multi-operating machines	PV	4	2	2/1	prof. Messinger	S
CUP	ÚCJ	AK_A	JA - Academic Communication	PV	3	0	2/0	PhDr. Ľuptáková	S
CUP	ÚCJ	AK_N	JN - Academic communication	PV	3	0	2/0	Dr. phil. Mgr. Ľupták	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z

CUP	ÚCJ	2CJA7	2. foreign language JA 7	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN7	2. foreign language JN 7	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
CUP	ÚCJ	2CJF7	2. foreign language JF 7	V	3	0	4/0	PaedDr. Veverková, PhD.	S

1st semester <i>l e s s i o n a m a n a m e n t o f f o r m a n a g e m e n t (Forestry and Wildlife Management)</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	NOPL-X	forest production science	P	6	2	2/0	prof. Scheer	S
LF	KPP	ECOLE-X	forest ecology	P	6	2	2/2	prof. Pichler	S
LF	KAZMZ	BPZ-X	wildlife biology	P	6	3	2/3	prof. Kropil	S
LF	KPP	GZKLE-X	global climate change and forest ecosystems	P	6	2	2/2	prof. Škvarenina	S
LF	KF	GPZ-X	genetics of hunting game	PV	6	2	2/2	prof. Gömöry	S
LF	KAZMZ	OCHZI-X	animal protection	PV	6	2	2/0	prof. Kropil	S
CUP	ÚCJ	AK_A	JA - Academic Communication	PV	3	0	2/0	PhDr. Ľuptáková	S
CUP	ÚCJ	AK_N	JN - Academic communication	PV	3	0	2/0	Dr. phil. Mgr. Ľupták	S
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z
CUP	ÚCJ	2CJA7	2. foreign language JA 7	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN7	2. foreign language JN 7	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

CUP	ÚCJ	2CJF7	2. foreign language JF 7	V	3	0	4/0	PaedDr. Veverková, PhD.	S
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1st semester <i>applicational geoinformatic and geodesion</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
DF	KFEAM	DIPFVP-I	differential and integral calculus functions of several variables	P	6	2	2/0	doc. Gajtánska	S
LF	KPLZI	DATS-I	database systems	P	5	2	2/0	doc. Root	S
LF	KPLZI	FOT2-I	photogrammetry II	P	6	2	3/3	doc. Chudý	S
LF	KPLZI	UKGG-I	introduction to space and global geodesy	P	6	2	2/0	doc. Kardoš	S
FEE		PPU-I	designing land improvements	PV	4	2	2/2	doc. Jančura	S
FEE	KAE	ECSL	ecosystem services	PV	6	2	1/0	doc. Oláh	S
CUP	ÚCJ	AK_A	JA - Academic Communication	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	AK_N	JN - Academic communication	PV	3	0	2/0	Dr. phil. Mgr. Lupták	S
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	ÚCJ	2CJA7	2. foreign language JA 7	V	3	0	4/0	Mgr. Danihelová, PhD.	S

CUP	ÚCJ	2CJN7	2. foreign language JN 7	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
CUP	ÚCJ	2CJF7	2. foreign language JF 7	V	3	0	4/0	PaedDr. Veverková, PhD.	S

2nd semester <i>and adaptively</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	HUL2-I	forest management II.	P	6	2	2/4	doc. Merganič	S
LF	KIOLK	INTOL-I	integrated forest protection	P	6	2	2/2	doc. Fleischer	S
LF	KPL	PEL2-I	Silviculture II.	P	6	2	2/3	prof. Jaloviar	S
LF	KAZMZ	SOK-I	landscape care	P	5	2	2/1	prof. Kropil	S
LF	D LF	PRAXD-I	pre-diploma practice	P	3	15 days		Head of DP	Z
LF	KPL	PBPL-I	nature-friendly forest cultivation	PV	4	2	2/0	prof. Jaloviar	S
LF	KPLZI	DPZ-I	remote sensing	PV	6	2	2/2	doc. Kardoš	S
LF	KLŤLM	RELEASE-I	recuperative rope equipment	PV	4	2	2/1	doc. Stollmann	S
LF	KLŤLM	PLC-I	forest road design	PV	4	2	2/1	Ing. Juško	S
LF	KLŤLM	SPLE-I	making forests more accessible	PV	4	2	2/1	prof. Messinger	S
LF	KLŤLM	PUL-I	land management in forestry	PV	4	2	2/1	doc. Gejdos	S
LF	KIOLK	OPSL-I	resilience potential and forest stability	PV	4	2	2/1	Ing. Hlaváč	S
LF	KF	BDIV-I	Biodiversity	PV	6	2	1/0	prof. Gömöry	S
LF	KPLZI	PGIS-I	GIS operation	PV	6	2	2/2	prof. Tuček	S
CUP	ÚCJ	JA-OT_ILF	JA - professional texts for LF students	PV	3	0	2/0	PhDr. Ľuptáková	S
CUP	ÚCJ	JN-OT_ILF	JN - professional texts for LF students	PV	3	0	2/0	Dr. phil. Mgr. Ľupták	S
FEE	KF	CHR	protected plants	V	3	2	2/0	RNDr. Kochjarová	S
LF	KPP	ELE-I	ecotoxicology of forest ecosystems	V	3	2	1/1	prof. Pichler	S
LF	KPLZI	SKAUT-I	survival course in extreme conditions	V	2	0	2/3	Ing. Sitko	Z

LF	KF	OOB-I	protection of organisms and habitats	V	3	2	1/1	prof. Ujházy	Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	ÚCJ	2CJA8	2. foreign language JA 8	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN8	2. foreign language JN 8	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
CUP	ÚCJ	2CJF8	2. foreign language JF 8	V	3	0	4/0	PaedDr. Veverková, PhD.	S

2nd semester <i>applicationalologyandpolication</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPL	ZPLPF-I	establishment and cultivation of forest with hunting function	P	7	2	2/3	doc. Kuchel	S
LF	KIOLK	INTOL-I	integrated forest protection	P	6	2	2/2	doc. Fleischer	S
LF	KAZMZ	SCHZV-I	special game farming	P	6	2	2/2	prof. Garaj	S
LF	KAZMZ	SOK-I	landscape care	P	5	2	2/1	prof. Kropil	S
LF	D LF	PRAXD-I	pre-diploma practice	P	3	15 days		Head of DP	Z
LF	KIOLK	OPSL-I	resilience potential and forest stability	PV	4	2	2/1	Ing. Hlaváč	S
CUP	ÚCJ	JA-OT_ILF	JA - professional texts for LF students	PV	3	0	2/0	PhDr. Ľuptáková	S
CUP	ÚCJ	JN-OT_ILF	JN - professional texts for LF students	PV	3	0	2/0	Dr. phil. Mgr. Ľupták	S
FEE	KF	CHR	protected plants	V	3	2	2/0	RNDr. Kochjarová	S
LF	KPP	ELE-I	ecotoxicology of forest ecosystems	V	3	2	1/1	prof. Pichler	S
LF	KPLZI	SKAUT-I	survival course in extreme conditions	V	2	0	2/3	Ing. Sitko	Z

LF	KF	OOB-I	protection of organisms and habitats	V	3	2	1/1	prof. Ujházy	Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	ÚCJ	2CJA8	2. foreign language JA 8	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN8	2. foreign language JN 8	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF8	2. foreign language JF 8	V	3	0	4/0	PaedDr. Veverková, PhD.	S

2nd semester <i>e c o l o g i a l e s s</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KF	BDIV-I	Biodiversity	P	6	2	1/0	prof. Gömöry	S
FEE	KAE	OPKR	nature and landscape protection	P	6	2	2/1	prof. Škvareninová	S
LF	KP	PEL2-I	Silviculture II.	P	6	2	2/3	prof. Jaloviar	S
LF	KPLZI	HUL2-I	forest management II.	P	6	2	2/4	doc. Merganič	S
LF	D LF	PRAXD-I	pre-diploma practice	P	3	15 days		Head of DP	Z
LF	KPLZI	IML-I	inventory and monitoring of forest ecosystems	PV	6	2	2/2	doc. Merganič	S
LF	KF	BTOP-I	biotopes of Slovakia	PV	4	2	1/1	prof. Ujházy	S
LF	KPP	GEOM-I	Geomorphology	PV	4	2	1/1	prof. Pichler	S
FEE	KAE	KREK-I	landscape ecology	PV	4	2	2/2	doc. Oláh	S
CUP	ÚCJ	JA-OT_ILF	JA - professional texts for LF students	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	JN-OT_ILF	JN - professional texts for LF students	PV	3	0	2/0	Dr. phil. Mgr. Lupták	S
LF	KPP	ELE-I	ecotoxicology of forest ecosystems	V	3	2	1/1	prof. Pichler	S
LF	KPLZI	SKAUT-I	survival course in extreme conditions	V	2	0	2/3	Ing. Sitko	Z
LF	KF	OOB-I	protection of organisms and habitats	V	3	2	1/1	doc. Kochjarová	Z
CUP	CTVS	VSZ	selective sport and health	V	1	0	2/0		Z
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	0	0	2/0		Z
CUP	ÚCJ	2CJA8	2. foreign language JA 8	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN8	2. foreign language JN 8	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF8	2. foreign language JF 8	V	3	0	4/0	PaedDr. Veverková, PhD.	S

2nd semester <i>lessical technology</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	HUL2-I	forest management II.	P	6	2	2/4	doc. Merganič	S
LF	KPLZI	PGIS-I	GIS operation	P	6	2	2/2	prof. Tuček	S
LF	KPL	PEL2-I	Silviculture II.	P	6	2	2/3	prof. Jaloviar	S
LF	KLŤLM	LCES-I	forest roads	P	6	3	2/2	prof. Jakubis	S
LF	D LF	PRAXD-I	pre-diploma practice	P	3	15 days		Head of DP	Z
LF	KL'TLM	RELEASE-I	recuperative rope equipment	PV	4	2	2/1	doc. Stollmann	S
LF	KPLZI	DPZ-I	remote sensing	PV	6	2	2/2	prof. Scheer	S
CUP	ÚCJ	JA-OT_ILF	JA - professional texts for LF students	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	JN-OT_ILF	JN - professional texts for LF students	PV	3	0	2/0	Dr. phil. Mgr. Lupták	S
LF	KPP	ELE-I	ecotoxicology of forest ecosystems	V	3	2	1/1	prof. Pichler	S
LF	KHÚLG	SKAUT-I	survival course in extreme conditions	V	2	0	2/3	Ing. Sitko	Z
LF	KF	OOB-I	protection of organisms and habitats	V	3	2	1/1	prof. Ujházy	Z
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	1	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	0	0	2/0		Z
CUP	ÚCJ	2CJA8	2. foreign language JA 8	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN8	2. foreign language JN 8	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF8	2. foreign language JF 8	V	3	0	4/0	PaedDr. Veverková, PhD.	S

2nd semester <i>lesson a m a n a m e n t o f f o r m a n a g e m e n t (Forestry and Wildlife Management)</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPL	PBPL-X	nature-friendly forest cultivation	P	4	2	2/2	prof. Saniga	S
LF	KIOLK	INTOL-X	integrated forest protection	P	6	2	2/2	doc. Fleischer	S
LF	KLŤLM	TDT2-X	mining and transport technologies II.	P	6	2	2/2	prof. Messinger	S
LF	KAZMZ	POLOV-X	hunting	P	6	2	2/3	prof. Kropil	S
LF	D LF	PRAXD-X	pre-diploma practice	P	3	15 days		Head of DP	Z
LF	KAZMZ	SCHZV-X	special game farming	PV	6	2	2/2	prof. Garaj	S
LF	KAZMZ	RYBAR-X	fishing	PV	6	2	2/2	prof. Kropil	S
CUP	ÚCJ	JA-OT_ILF	JA - professional texts for LF students	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	JN-OT_ILF	JN - professional texts for LF students	PV	3	0	2/0	Dr. phil. Mgr. Ľupták	S
LF	KPP	ELE-X	ecotoxicology of forest ecosystems	V	3	2	1/1	prof. Pichler	S
LF	KHÚLG	SKAUT-X	survival course in extreme conditions	V	2	0	2/3	Ing. Sitko	Z
LF	KF	OOB-X	protection of organisms and habitats	V	3	2	1/1	prof. Ujházy	Z
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	1	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	0	0	2/0		Z
CUP	ÚCJ	2CJA8	2. foreign language JA 8	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN8	2. foreign language JN 8	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
CUP	ÚCJ	2CJF8	2. foreign language JF 8	V	3	0	4/0	PaedDr. Veverková, PhD.	S

2nd semester <i>application geoinformation and geodesion</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	VSM-I	multivariate statistical methods	P	5	2	2/0	prof. Scheer	S
LF	KPLZI	DGGNSS-I	satellite geodesy and GNSS	P	6	2	2/2	prof. Tuček	S
LF	KPLZI	GEOAN-I	geographic analyses	P	5	2	2/0	doc. Root	S
LF	KPLZI	PPR-I	spatial decision support	P	5	2	2/0	prof. Tuček	S
LF	D LF	PRAXD-I	pre-diploma practice	P	3	10 days		Head of DP	Z
LF	KPLZI	TEMAP-I	Thematic mapping for AGG	PV	4	2	2/0	doc. Kardoš	S
LF	KF	BTOP-I	biotopes of Slovakia	PV	4	2	2/0	prof. Ujházy	S
CUP	ÚCJ	JA-OT_ILF	JA - professional texts for LF students	PV	3	0	2/0	PhDr. Luptáková	S
CUP	ÚCJ	JN-OT_ILF	JN - professional texts for LF students	PV	3	0	2/0	Dr. phil. Mgr. Ľupták	S
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	1	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	0	0	2/0		Z
CUP	ÚCJ	2CJA8	2. foreign language JA 8	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN8	2. foreign language JN 8	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
CUP	ÚCJ	2CJF8	2. foreign language JF 8	V	3	0	4/0	PaedDr. Veverková, PhD.	S

II. year of study, engineering degree, full-time study, study programme:

adaptive forestry

applied zoology and hunting

forest ecology

forestry technologies

Forestry and Wildlife Management

applied geoinformatics and geodesy

Time and content schedule of the III (winter) semester

1. 09. 2021 - 15.09.2021		electronic entry
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	5 weeks	study leave

Time and content schedule of the IV (summer) semester

14. 02. 2022 - 18. 03. 2022	5 weeks	lectures and exercises
21. 03. 2022 - 25. 03. 2022	1 week	main exercises
28. 03. 2022 - 14. 04. 2022	3 weeks	study leave including I. and II. OT
until 28. 04. 2022		submission of diploma theses
20. 06. 2022 - 24. 06. 2022		DP defence and state examinations
1. 07. 2022		Promotions

¹⁾ The student is obliged to choose from the above compulsory elective courses in each semester in order to obtain a minimum of 30 credits.

²⁾ The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

***) all students who did not take the hunting course at the Faculty of Science of the Technical University of Zvolen in the first bachelor degree of study will enrol in the course;**

3rd semester <i>a d a p t i v e</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KERLH	RLH-I	forest enterprise management	P	6	3	2/0	doc. Šulek	S
LF	KERLH	LESPO-I	forestry policy	P	6	2	2/0	prof. Šálka	S
LF	KPL	PLVF-I	cultivation of forests with public utility functions	PV	4	2	2/2	doc. Kucbel	S
LF	KPLZI	KATNE-I	cadastre of immovable property	PV	6	2	2/2	doc. Kardoš	S
LF	KIOL K	OLARP-I	forest dieback and implementation of countermeasures	PV	4	2	1/0	doc. M. Pavlík	S
LF	KPL	ALH-I	Adaptive LH in forestry practice	PV	3	2	2/0	prof. Jaloviar	Z
LF	KLŤLM	PROCH-I	erosion protection	PV	4	2	2/1	prof. Jakubis	S
LF	KPLZI	PPML-I	forest modelling	PV	6	2	2/0	Prof. Fabrika	S
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	1	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	0	0	2/0		Z
CUP	ÚCJ	2CJA9	2. foreign language JA 9	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN9	2. foreign language JN 9	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
CUP	ÚCJ	2CJF9	2. foreign language JF 9	V	3	0	4/0	PaedDr. Veverková, PhD.	S

3rd semester <i>applicationalologyandpolication</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KAZMZ	SVETP-I	world hunting	P	4	2	2/1	Ing. Bútora	S
LF	KLŤLM	KRING-I	landscape engineering	P	6	2	2/2	prof. Jakubis	S
LF	KLŤLM	PSZ-I	hunting buildings and equipment	P	6	3	2/2	doc. Merganič	S
LF	KPLZI	OLPR-I	forest and hunting valuation of the fisheries	P	6	2	2/0	doc. Merganič	S
LF	KAZMZ	SOKOL-I	falconry	PV	4	2	1/1	prof. Kropil	S
LF	KAZMZ	POLOV	hunting *)	PV	6	2	2/3	prof. Kropil	S
LF	KPL	PLVF-I	cultivation of forests with public utility functions	PV	4	2	2/2	doc. Kucbel	S
LF	KIOLK	OLARP-I	forest dieback and implementation Countermeasures	PV	4	2	1/0	doc. M. Pavlík	S
LF	KPLZI	KATNE-I	cadastre of immovable property	PV	6	2	2/2	doc. Kardoš	S
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	1	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	0	0	2/0		Z
CUP	ÚCJ	2CJA9	2. foreign language JA 9	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN9	2. foreign language JN 9	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
CUP	ÚCJ	2CJF9	2. foreign language JF 9	V	3	0	4/0	PaedDr. Veverková, PhD.	S

3rd semester <i>e c o l o g i a l e s s</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPP	ECOLE-I	forest ecology	P	6	2	2/2	prof. Pichler	S
LF	KERLH	EOPZ-I	economics and valuation of natural resources	P	6	2	2/0	prof. Holécy	S
LF	KERLH	LESPO-I	forestry policy	P	6	2	2/0	prof. Šálka	S
LF	KPLZI	PPML-I	forest modelling	P	6	2	2/0	Prof. Fabrika	S
LF	KIOLK	ELDP-I	ecophysiology of forest trees	PV	4	2	2/2	prof. Kmet	S
LF	KF	ZEB-I	basics of evolutionary biology	PV	4	2	2/0	prof. Gömöry	S
LF	KPP	DIEK-I	disturbance ecology	PV	4	2	2/2	prof. Pichler	S
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	1	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	0	0	2/0		Z
CUP	ÚCJ	2CJA9	2. foreign language JA 9	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN9	2. foreign language JN 9	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF9	2. foreign language JF 9	V	3	0	4/0	PaedDr. Veverková, PhD.	S

3rd semester <i>lessical technology</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	PPML-I	forest modelling	P	6	2	2/0	Prof. Fabrika	S
LF	KLŤLM	KRING-I	landscape engineering	P	6	2	2/2	prof. Jakubis	S
LF	KERLH	RLH-I	forest enterprise management	P	6	3	2/0	doc. Šulek	S
LF	KLŤLM	INERG-I	engineering ergonomics	PV	4	2	2/0	prof. Messinger	S
LF	KERLH	LESPO-I	forestry policy	PV	6	2	2/0	prof. Šálka	S
LF	KLŤLM	PSZ-I	hunting buildings and equipment	PV	6	3	2/2	doc. Merganič	S
LF	KLŤLM	PROCH-I	erosion protection	PV	4	2	2/1	prof. Jakubis	S
LF	KLŤLM	LANLE-I	cableways in forestry	PV	4	2	2/1	prof. Messinger	S
LF	KPLZI	KAT-I	cartography and topography	PV	6	2	2/3	doc. Kardoš	S
CUP	CTVS	TSV	physical and sports education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	1	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	0	0	2/0		Z
CUP	ÚCJ	2CJA9	2. foreign language JA 9	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN9	2. foreign language JN 9	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

CUP	ÚCJ	2CJF9	2. foreign language JF 9	V	3	0	4/0	PaedDr. Veverková, PhD.	S
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3rd semester <i>a m a n a g e m e n t o f Forestry and Wildlife Management (Forestry and Wildlife Management)</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	PPML-X	forest modelling	P	6	2	2/0	Prof. Fabrika	S
LF	KERLH	EOPZ-X	economics and valuation of natural resources	P	6	2	2/0	prof. Holécý	S
LF	KERLH	LESP0-X	forestry policy	P	6	2	2/0	prof. Šálka	S
LF	KF	DOPS-X	dynamics and conservation of natural communities of the temperate zone	P	6	2	2/2	prof. Ujházy	S
LF	KAZMZ	SVETP-X	world hunting	PV	4	2	2/1	Ing. Bútora	S
LF	KPP	TURIZ-X	recreation in forest environment	PV	4	2	2/1	prof. Pichler	S
LF	KPP	LENV-X	forest environmental science	PV	4	2	2/0	prof. Pichler	S
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	1	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	0	0	2/0		Z
CUP	ÚCJ	2CJA9	2. foreign language JA 9	V	3	0	4/0	Mgr. Danihelová, PhD.	S

CUP	ÚCJ	2CJN9	2. foreign language JN 9	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF9	2. foreign language JF 9	V	3	0	4/0	PaedDr. Veverková, PhD.	S

3rd semester <i>applicational geoinformatic and geodesion</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
DF	KFEAM	NUMAT-I	numerical mathematics	P	6	2	2/0	doc. Gajtánska	S
LF	KPLZI	PGISA-I	programming of GIS applications	P	5	2	2/0	doc. Root	S
LF	KPLZI	KATNE-I	cadastre of immovable property	P	6	2	2/2	doc. Kardoš	S
LF	KPLZI	DSUDPZ-I	digital processing of DPZ data	P	6	2	2/2	prof. Tuček	S
FEE	KAE	KE2	landscape ecology	P	5	2	2/2	doc. Oláh	S
DF	KPO	MWGIT-I	mobile and web geoinformation technologies	PV	4	2	2/0	doc. Majlingová	S
LF	KPLZI	PPML-I	Forest modelling	PV	6	2	2/0	Prof. Fabrika	S
CUP	CTVS	TSV	physical and sport education	V	1	0	2/0		Z
CUP	CTVS	TV	physical education	V	1	0	2/0		Z
CUP	CTVS	VSZ	selective sport and health	V	0	0	2/0		Z
CUP	ÚCJ	2CJA9	2. foreign language JA 9	V	3	0	4/0	Mgr. Danihelová, PhD.	S

CUP	ÚCJ	2CJN9	2. foreign language JN 9	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF9	2. foreign language JF 9	V	3	0	4/0	PaedDr. Veverková, PhD.	S

4th semester <i>a d a p t i v e s</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KERLH	PNAL-I	legal standards and legislation	P	6	4	4/0	prof. Šálka	S
LF	D LF	DIPL-I	thesis	P	10			doc. Kardoš	NWF
LF	D LF	SS-I	state examination	P	10			Prof. Fabrika	NWF
LF	KLŤLM	ISL-I	forestry engineering structures	PV	4	4	4/2	doc. Merganič	S
DF	KMOSL	SVETL-I	world forestry	PV	4	4	4/0	doc. Paluš	S
LF	KPL	PESAN-I	growing analytics	PV	4	4	4/0	doc. Jaloviar	S
FEE	KEVTUR	EKFI-I	ecological philosophy	PV	4	4	2/0	Mgr. Rácz	S

4th semester <i>a p p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	D LF	SS-I	state examination	P	10			Prof. Fabrika	NWF
LF	D LF	DIPL-I	thesis	P	10			doc. Kardoš	NWF
LF	KERLH	PNAL-I	legal standards and legislation	PV	6	4	4/0	prof. Šálka	S
LF	KPLZI	DPZ-I	remote sensing	PV	6	4	4/2	doc. Kardoš	S
FEE	KEVTUR	EKFI-I	ecological philosophy	PV	4	4	2/0	Mgr. Rácz	S

4th semester <i>e c o l o g i a l e s s</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KIOLK	INTOL-I	integrated forest protection	P	6	4	4/2	doc. Fleischer	S
LF	D LF	SS-I	state examination	P	10			Prof. Fabrika	NWF
LF	D LF	DIPL-I	thesis	P	10			doc. Kardoš	NWF
LF	KPLZI	DPZ-I	remote sensing	PV	6	4	4/2	doc. Kardoš	S
LF	KPP	EKAF-I	ecoclimatology and phenology	PV	4	4	4/1	doc. Střelcová	S
LF	KPP	TURIZ-I	recreation in forest environment	PV	4	4	4/1	prof. Pichler	S
LF	KPP	EMP-I	soil ecology and management	PV	4	4	2/1	doc. Gömöryová	S
LF	KERLH	PNAL-I	legal standards and legislation	PV	6	4	4/0	prof. Šálka	S

4th semester <i>l e s s i c a l t e c h n o l o g y</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KIOLK	INTOL-I	integrated forest protection	P	6	2	2/2	doc. Fliescher	S
LF	D LF	SS-I	state examination	P	10			Prof. Fabrika	NWF
LF	D LF	DIPL-I	thesis	P	10			doc. Kardoš	NWF
LF	KLŤLM	SPLE-I	making forests more accessible	PV	4	2	2/1	prof. Messinger	S
LF	KLŤLM	IMP-I	integrated river basin management	PV	4	2	20	prof. Jakubis	S
LF	KPLZI	IML-I	forest inventory and monitoring	PV	6	2	2/0	doc. Merganič	S
LF	KLŤLM	LAPLO-I	avalanches and avalanche protection	PV	4	2	2/0	prof. Jakubis	S
LF	KPLZI	AGIS-I	GIS applications	PV	6	2	2/0	prof. Tuček	S
LF	KPLZI	TMAP-I	thematic mapping	PV	6	2	2/3	doc. Kardoš	S

4th semester <i>a m a n a g e m e n t o f Forestry and Wildlife Management (Forestry and Wildlife Management)</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
LF	KPLZI	SDSS-X	support for spatial decision-making in forest landscapes	P	6	2	2/0	prof. Tuček	S
LF	KPP	MLEK-X	monitoring forest ecosystems	P	6	2	2/0	prof. Pichler	S
LF	D LF	DIPL-I	thesis	P	10			doc. Kardoš	NWF
LF	D LF	SS-I	state examination	P	10			Prof. Fabrika	NWF

4th semester <i>ap p l i c a t i o n a l g e o i n f o r m a t i c a n d g e o d e s s i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Lectures	Exercise/HC	Host	End
		INMK	Integrated landscape management	P	4	2	2/0	doc. Oláh	S
LF	D LF	DIPL-I	thesis	P	10			doc. Kardoš	NWF
LF	D LF	SS-I	state examination	P	10			Prof. Fabrika	NWF
		TVAS-I	technical calculations and simulations (MatLab)	PV	4	2	2/0	prof. Pivarčiová	S
LF	KPLZI	IML-I	forest inventory and monitoring	PV	6	2	2/0	doc. Merganič	S
		RKSPP-I	dealing with crisis situations in the natural environment	PV	4	2	2/1	doc. Majlingová	S

**CURRICULUM
AND TIMETABLE
OF THE ACADEMIC YEAR**

**EXTERNAL STUDY
study field - FORESTRY,
study programme**

- **FORESTRY**
- **APPLIED ZOOLOGY AND HUNTING**

I. degree - bachelor
4-year study

Explanatory notes:

K - Consultations (number of hours per semester)

HC- main exercises (total number of days)
elective

S- test

Z- credit

Course P - compulsory

PV - compulsory

V - selection

I. year of study, bachelor's degree, external study, study programme:

Forestry

applied zoology and hunting

Time and content schedule of the 1st (winter) semester

Stage I 13 - 14 July 2021 Stage II 02.09.2021 - 15.09.2021		enrolment in the first year of studies in both the 1st and 2nd cycle of studies
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	6 weeks	study leave

Time and content schedule of the second (summer) semester

14. 02. 2022 - 22. 04. 2022	10 weeks	lectures and exercises
25. 04. 2022 - 14. 05. 2022	3 weeks	main exercises
16. 05. 2022 - 24. 06. 2022	6 weeks	study leave
11. 07. 2022 - 22. 07. 2022	2 weeks	operational practice I.
31. 07. 2022	closing of examination reports	

- ¹⁾ The student is required to earn 10 credits to meet the requirements for enrollment in the summer semester of the first year.
- ²⁾ The student is obliged to choose from the listed compulsory elective courses in each semester in order to obtain a minimum of 23 credits. The prerequisite for advancement to the next year of study is the acquisition of 28 credits.
- ³⁾ The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

1st semester <i>l e s s i n g</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
DF	KMDG	MAT	mathematics	P	6	16	0	Mgr. Schmidtová	S
LF	KAZMZ	PZOO	applied zoology	P	6	12	0	prof. Kropil	S
LF	KIOLK	FYR	plant physiology	P	6	12	0	prof. Kmet	S
LF	KPP	GMZ	geology and soil mechanics	P	6	12	2	prof. Pichler	S
LF	KIOLK	PMYK	practical mycology	V	3	12	1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	12	0	prof. Pivarčiová	S
CUP	UCJ	2CJA1	2. foreign language JA 1	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF1	2. foreign language JF 1	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN1	2. foreign language JN 1	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

1st semester <i>a p p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Gestor / teacher	End
LF	KAZMZ	PZOO	applied zoology	P	6	12	0	prof. Kropil	S
LF	KIOLK	FYR	plant physiology	P	6	12	0	prof. Kmet	S
LF	KPP	BIOKL	Bioclimatology	P	6	12	2	doc. Střelcová	S
DF	KMDG	MAT	mathematics	PV	6	15	0	Mgr. Schmidtová	S
LF	KAZMZ	PHAK	hunting history and culture	PV	6	10	0	Ing. Lebocký	S
LF	KPP	GMZ	geology and soil mechanics	PV	6	12	2	prof. Pichler	S
LF	KIOLK	PMYK	practical mycology	V	3	12	1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	12	0	prof. Pivarčiová	S
CUP	UCJ	2CJA1	2. foreign language JA 1	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	2CJF1	2. foreign language JF 1	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	2CJN1	2. foreign language JN 1	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

2nd semester <i>l e s s i n g</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KIOLK	LENT	forest entomology	P	6	12	0	Ing. Hlaváč	S
LF	KF	LBOT	forest botany	P	6	12	2	doc. Kochjarová	S
LF	KPP	LDEN	forestry dendrology	P	6	12	3	doc. Lukáčik	S
LF	D LF	PRAX1	operational practice I.	P	2	10 days		doc. Kardoš	Z
LF	KLŤLM	ZLT	basics of forestry technology	PV	4	12	1	doc. Gejdos	S
DF	KFEAM	APFYZ	applied physics	PV	4	12	0	doc. Gajtanská	S
LF	KPLZI	INFOR	Informatics	PV	6	12	0	Prof. Fabrika	S
LF	KERLH	SAP	sociology and psychology	PV	5	12	0	doc. Šulek	S
DF	KCHCHT	CHEM	Chemistry	PV	4	12	0	doc. Čabalová	S
LF	KERLH	MAPT	marketing and market research	PV	4	12	0	doc. Halaj	S
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	12	2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	12	0	doc. Pavlík	Z
CUP	UCJ	JA-CJ_2	2. foreign language JA 2	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	JF-2CJ_2	2. foreign language JF 2	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	JN-CJ_2	2. foreign language JN 2	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

2nd semester <i>applicationalologyandpolication</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KPP	LPAM	forestry pedology and microbiology	P	6	12	2	doc. Gömöryová	S
LF	KF	LBOT	forest botany	P	6	12	2	doc. Kochjarová	S
LF	KAZMZ	FAVZ	physiology and nutrition of game	P	6	12	2	doc. Rajský	S
LF	D LF	PRAX1	operational practice I.	P	2	10 days		doc. Kardoš	Z
DF	KCHCHT	CHEM	Chemistry	PV	4	12	0	doc. Čabalová	S
DF	KFEAM	APFYZ	applied physics	PV	4	12	0	doc. Gajtanská	S
LF	KLŤLM	ZLT	basics of forestry technology	PV	4	12	1	doc. Gejdos	S
LF	KPP	MILK	monitoring forest ecosystems	PV	4	12	0	prof. Pichler	S
LF	KERLH	ZUAE	basics of accounting and record-keeping	PV	4	12	1	prof. Hajdúchová	S
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	12	2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	12	0	doc. Pavlík	Z
CUP	UCJ	JA-2CJ_2	2. foreign language JA 2	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	JF-2CJ_2	2. foreign language JF 2	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	JN-2CJ_2	2. foreign language JN 2	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

II. year of study, bachelor's degree, external study, study programme:

Forestry

applied zoology and hunting

Time and content schedule of the III (winter) semester

1. 09. 2021 - 15.09.2021		electronic enrolment and
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	5 weeks	study leave

Time and content schedule of the IV (summer) semester

14. 02. 2022 - 22. 04. 2022	10 weeks	lectures and exercises
25. 04. 2022 - 14. 05. 2022	3 weeks	main exercises
16. 05. 2022 - 24. 06. 2022	6 weeks	study leave
31. 07. 2022	closing of examination reports	

- 1) The student is obliged to choose from the listed compulsory elective courses in each semester in order to obtain a minimum of 23 credits. The prerequisite for advancement to the next year of study is the acquisition of 28 credits.
- 2) The student is obliged to pass an examination from the subjects "AJ/NJ/FJ - grammar of professional style and professional communication" before the completion of the Bachelor's degree.
- 3) The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

3rd semester <i>l e s s i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KPP	BIOKL	Bioclimatology	P	6	12	2	doc. Střelcová	S
LF	KPLZI	BIOM	biometrics	P	6	15	0	prof. Scheer	S
LF	KF	GASLD	genetics and breeding forest trees	P	6	12	2	prof. Gömöry	S
LF	KLŤLM	LHYDR	forest hydrology	PV	4	12	1	prof. Jakubis	S
LF	KLŤLM	VZLS	general basics of forestry construction	PV	4	12	0	Ing. Juško	S
LF	KERLH	TOBCH	techniques of trade	PV	4	10	0	doc. Halaj	S
REKT	KERLH	FROM	basics of economics	PV	6	12	1	prof. Šálka	S
CUP	ÚCJ	GOS_A	AJ - Grammar of professional style	PV	2	8	0	Mgr. Danihelová, PhD.	Z
CUP	ÚCJ	GOS_N	NJ - Grammar of professional style	PV	2	8	0	Mgr. Vyhnáliková, PhD.	Z
LF	KLŤLM	PRP	portable chainsaws	V	4	12	2	doc. Lieskovsky	S
LF	KIOLK	PMYK	practical mycology	V	3	12	1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	12	0	prof. Pivarčiová	S
CUP	UCJ	JA-2CJ_3	2. foreign language JA 3	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	JF-2CJ_3	2. foreign language JF 3	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	JN-2CJ_3	2. foreign language JN 3	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

3rd semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KPLZI	BIOM	biometrics	P	6	15	2	prof. Scheer	S
LF	KF	GVRAZ	genetics of higher plants and animals	P	6	12	2	prof. Gömöry	S
LF	KAZMZ	BPZ	biology of hunting game	P	6	15	3	prof. Kropil	S
LF	KLŤLM	LHYDR	forest hydrology	PV	4	12	1	prof. Jakubis	S
LF	KLŤLM	EABPP	ergonomics and safety at work	PV	5	12	2	prof. Messinger	S
REKT	KERLH	FROM	basics of economics	PV	6	12	1	prof. Šálka	S
CUP	ÚCJ	GOS_A	AJ - Grammar of professional style	PV	2	8	0	Mgr. Danihelová, PhD.	Z
CUP	ÚCJ	GOS_N	NJ - Grammar of professional style	PV	2	8	0	Mgr. Vyhnáliková, PhD.	Z
LF	KLŤLM	PRP	portable chainsaws	V	4	12	2	doc. Lieskovsky	S
LF	KIOLK	PMYK	practical mycology	V	3	12	1	doc. M. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	12	0	prof. Pivarčiová	S
CUP	UCJ	JA-2CJ_3	2. foreign language JA 3	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	JF-2CJ_3	2. foreign language JF 3	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	JN-2CJ_3	2. foreign language JN 3	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

4th semester <i>l e s s i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KPLZI	GAF	geodesy and photogrammetry	P	6	12	3	doc. Chudý	S
LF	KPP	LPAM	forestry pedology and microbiology	P	6	12	2	doc. Gömöryová	S
LF	KPLZI	DENDR	dendrometry	P	6	12	3	prof. Scheer	S
DF	KEMP	PMAN	personnel management	PV	4	12	0	prof. Hitka	S
LF	KPL	DEJLE	history of forestry	PV	4	10	0	doc. Vencúrik	S
LF	KPLZI	MAVYT	mapping and delineation	PV	4	12	1	doc. Chudý	S
LF	KERLH	KATC	costing and pricing	PV	4	10	0	prof. Šálka	S
CUP	ÚCJ	JA_OK_BLF	AJ - Professional communication for LF students	PV	3	8	0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	JN-OK_BLF	NJ - Professional communication for LF students	PV	3	8	0	Mgr. Vyhnáliková, PhD.	S
FEE	KEVTUR	FILOZ	philosophy	V	2	8	0	Mgr. Rácz	Z
CUP	UCJ	JA-2CJ_4	2. foreign language JA 4	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	JF-2CJ_4	2. foreign language JF 4	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	JN-2CJ_4	2. foreign language JN 4	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	12	2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	12	0	doc. Pavlík	Z

4th semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KPL	LDEN	forestry dendrology	P	6	12	3	doc. Lukáčik	S
LF	KF	FALT	phytocenology and forest typology	P	6	12	2	prof. Ujházy	S
LF	KAZMZ	PSTRE	Shooting	P	6	10	2	prof. Kropil	S
LF	KIOLK	SOURCE	Beekeeping	PV	4	12	2	Ing. Hlaváč	S
REKT	KERLH	SAP	sociology and psychology	PV	5	10	0	doc. Šulek	S
LF	KPLZI	DENDR	dendrometry	PV	6	12	3	prof. Scheer	S
LF	KPL	ZAKL	forest establishment	PV	6	15	2	doc. Repáč	S
CUP	ÚCJ	JA_OK_BLF	AJ - professional communication for LF students	PV	3	8	2	PhDr. Luptáková	S
CUP	ÚCJ	JN-OK_BLF	NJ - professional communication for LF students	PV	3	8	2	Mgr. Vyhnáliková, PhD.	S
FEE	KEVTUR	FILOZ	philosophy	V	2	12	0	Mgr. Rácz	Z
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	12	2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	12	0	doc. Pavlík	Z
CUP	UCJ	JA-2CJ_4	2. foreign language JA 4	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	JF-2CJ_4	2. foreign language JF 4	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	JN-2CJ_4	2. foreign language JN 4	V	3	0	4/0	Dr. phil. Mgr. Lupták	S

III. year of study, bachelor's degree, external study, study programme:

Forestry

applied zoology and hunting

Time and content schedule of the V. (winter) semester

1. 09. 2021 - 15.09.2021		electronic enrolment and
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	5 weeks	study leave

Time and content schedule of the VI (summer) semester

14. 02. 2022 - 22. 04. 2022	10 weeks	lectures and exercises
25. 04. 2022 - 14. 05. 2022	3 weeks	main exercises
16. 05. 2022 - 24. 06. 2022	6 weeks	study leave
Operational practice II	two weeks during the holidays	
31. 07. 2022	closing of examination reports	

- ¹⁾ The student is obliged to choose from the listed compulsory elective courses in each semester in order to obtain a minimum of 23 credits.
- ³⁾ The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

5th semester <i>l e s s i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KF	ZEKOL	Ecology	P	4	12	0	prof. Ujházy	S
LF	KLŤLM	LMP	forestry machinery	P	6	12	2	doc. Stollmann	S
DF	KND	NOD	wood science and wood properties	P	5	12	0	doc. Hrčka	S
LF	KLŤLM	EABPP	ergonomics and safety at work	P	5	12	2	prof. Messinger	S
LF	KPLZI	ZKATN	the basics of the cadastre of immovable property	PV	4	12	2	doc. Kardoš	S
DF	KMOSL	OSD	timber trade	PV	4	12	0	doc. Paluš	S
LF	KLŤLM	LANLE	cableways in forestry	PV	4	12	1	prof. Messinger	S
LF	KERLH	VEKON	public economy	PV	4	12	0	Ing. Balážová	S
LF	KIOLK	PMYK	practical mycology	V	3	12	1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	12	0	prof. Pivarčiová	S
CUP	UCJ	JA-2CJ_5	2. foreign language JA 5	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	JF-2CJ_5	2. foreign language JF 5	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	JN-2CJ_5	2. foreign language JN 5	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

5th semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KAZMZ	EZIV	animal ecology	P	6	10	0	prof. Kropil	S
LF	KPLZI	MAPLE	forest mapping	P	6	15	3	doc. Chudý	S
LF	KAZMZ	PKYN	Cynology	P	5	10	2	doc. Rajský	S
REKT	KERLH	OP	commercial law	PV	6	12	0	doc. Šulek	S
LF	KF	BDIV	Biodiversity	PV	4	10	0	prof. Gömöry	S
LF	KPLZI	ZKATN	the basics of the cadastre of immovable property	PV	4	12	2	doc. Kardoš	S
LF	KPP	ECTOX	ecotoxicology of forest ecosystems	PV	4	12	2	prof. Pichler	S
LF	KIOLK	PMYK	practical mycology	V	3	12	1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	12	0	prof. Pivarčiová	S
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	12	2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	12	0	doc. Pavlík	Z
CUP	UCJ	JA-CJ_5	2. foreign language JA 5	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	JF-2CJ_5	2. foreign language JF 5	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	JN-CJ_5	2. foreign language JN 5	V	3	0	4/0	Dr. phil. Mgr. Lupták	S

6th semester <i>l e s s i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KF	FALT	phytocenology and forest typology	P	6	12	2	prof. Ujházy	S
LF	KPL	ZAKL	forest establishment	P	6	15	2	doc. Repáč	S
LF	KLŤLM	LSTAV	forestry buildings	P	5	15	2	prof. Jakubis	S
LF	D LF	PRAX2	Operational practice II	P	2	10 days		doc. Kardoš	Z
LF	KERLH	ZUAE	foundations. accounting and record keeping	PV	4	12	1	prof. Hajdúchová	S
LF	KLŤLM	KVBIO	comprehensive biomass recovery	PV	4	12	1	doc. Lieskovsky	S
LF	KLŤLM	MVNAD	small water reservoirs	PV	4	12	1	prof. Jakubis	S
LF	KF	BIOT	Biotechnology	PV	4	12	1	prof. Ďurkovič	S
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	4	12	2	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	12	0	doc. Pavlík	Z
CUP	UCJ	JA-2CJ_6	2. foreign language JA 6	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	JF-2CJ_6	2. foreign language JF 6	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	JN-2CJ_6	2. foreign language JN 6	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

6th semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KAZMZ	FISHER	fishing	P	6	12	2	prof. Kropil	S
FEE	KPTK	ZRV	crop and livestock production	P	6	12	2	doc. Kočík	S
LF	KLŤLM	ŤDT1	mining and transport technologies I.	P	6	16	3	prof. Messinger	S
LF	DF	PRAX2	Operational practice II	P	2	10 days		doc. Kardoš	Z
LF	KIOLK	LENT	forest entomology	PV	6	12	0	Ing. Hlaváč	S
LF	KPLZI	INFOR	Informatics	PV	6	12	0	Prof. Fabrika	S
LF	KF	BIOT	Biotechnology	PV	4	12	1	prof. Ďurkovič	S
LF	KLŤLM	MVNAD	small water reservoirs	PV	4	12	1	prof. Jakubis	S
LF	KERLH	PNAL	legal standards and legislation	PV	4	12	0	prof. Šálka	S
LF	KIOLK	VHUP	the use of mushrooms in the urban environment	V	2	12	0	doc. Pavlík	S
LF	KIOLK	ZMYK	basics of mycology	V	2	12	0	doc. Pavlík	Z
CUP	UCJ	JA-2CJ_6	2. foreign language JA 6	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	UCJ	JF-2CJ_6	2. foreign language JF 6	V	3	0	4/0	PaedDr. Veverková, PhD.	S
CUP	UCJ	JN-CJ_6	2. foreign language JN 6	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S

IV. year of study, bachelor's degree, external study, study programme:

Forestry

applied zoology and hunting

Time and content schedule of the VII (winter) semester

1. 09. 2021 - 15.09.2021	electronic entry	
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	5 weeks	study leave

Time and content schedule of the VIII (summer) semester

14. 02. 2022 - 22. 04. 2022	10 weeks	lectures and exercises
25. 04. 2022 - 14. 05. 2022	3 weeks	main exercises
13. 05. 2022		submission of bachelor theses
16. 05. 2022 - 10. 06. 2022	4 weeks	study leave
13. 06. 2022 - 17. 06. 2022	1 week	I. and II. correction periods
20. 06. 2022 - 24. 06. 2022	1 week	preparation for the SS and BP defence
27. 06. 2022 - 1. 07. 2022		defence of bachelor theses and state examinations
8. 07. 2022		Promotions

- 1) The student is obliged to choose from the listed compulsory elective courses in each semester in order to obtain a minimum of 23 credits.
- 3) The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

7th semester <i>l e s s i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KIOLK	FAOL	phytopathology and forest protection	P	5	12	2	doc. Kodrík	S
LF	KPL	PEL1	Silviculture I	P	6	12	3	prof. Jaloviar	S
LF	KERLH	ECOLE	forestry economics	P	6	12	2	prof. Holécy	S
LF	KAZMZ	POLOV	hunting	P	6	12	3	prof. Kropil	S
LF	KIOLK	PMYK	practical mycology	V	3	12	1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	12	0	prof. Pivarčiová	S

7th semester <i>a p p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KAZMZ	VSOZ	veterinary care for game	P	5	12	2	doc. Rajský	S
LF	KERLH	ZPH	the basics of business management	P	5	12	0	prof. Šálka	S
LF	KPL	PEL1	Silviculture I	P	6	12	3	prof. Jaloviar	S
LF	KAZMZ	POLOV	hunting	P	6	12	3	prof. Kropil	
LF	KIOLK	PMYK	practical mycology	V	3	12	1	doc. Pavlík	S
FT	KVAT	VYPT	computer technology	V	3	12	0	prof. Pivarčiová	S

8th semester									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KLŤLM	TDTI	mining and transport technologies	P	6	16	3	prof. Messinger	S
LF	KPLZI	HUL1	forest management I	P	6	16	4	doc. Merganič	S
LF	D LF	SS-B	state examination	P	5			Prof. Fabrika	NWF
LF	D LF	BAKAL	bachelor thesis	P	5			doc. Kardoš	NWF

8th semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KPLZI	HUL1	forest management I	P	6	16	4	doc. Merganič	S
LF	KIOLK	NOSCL	forest pest science	P	5	12	2	Ing. Hlaváč	S
LF	D LF	SS-B	state examination	P	5			Prof. Fabrika	NWF
LF	D LF	BAKAL	bachelor thesis	P	5			doc. Kardoš	NWF

**CURRICULUM
AND TIMETABLE
OF THE ACADEMIC YEAR**

**EXTERNAL STUDY
study field - FORESTRY
study programme**

- **FORESTRY**
- **FORESTRY TECHNOLOGIES**
- **APPLIED ZOOLOGY AND HUNTING**

II. degree - engineering
3-year study

Explanatory notes:

K - Consultations (number of hours per semester)

HC- main exercises (total number of days)
elective

S- test

Z- credit

Course P - compulsory

PV - compulsory

V - selection

I. year of study, engineering degree, external study, study programme:

adaptive forestry

applied zoology and hunting

forestry technologies

Time and content schedule of the 1st (winter) semester

enrollment		7. 09. 2021
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	5 weeks	study leave

Time and content schedule of the second (summer) semester

14. 02. 2022 - 22. 04. 2022	10 weeks	lectures and exercises
25. 04. 2022 - 14. 05. 2022	3 weeks	main exercises
16. 05. 2022 - 24. 06. 2022	6 weeks	study leave
during the holidays	3 weeks	pre-diploma practice
31. 07. 2022	closing of examination reports	

- ¹⁾ The student is obliged to choose from the above compulsory elective courses in each semester in order to obtain a minimum of 20 credits. The prerequisite for advancement to the next year of study is the acquisition of 28 credits.
- ²⁾ The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

***) all students who did not take the course of hunting zoology at the Faculty of Science of the Technical University of Zvolen in the first bachelor degree of study will enrol in the course;**

1st semester <i>a d a p t i v e s</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KLŤLM	TDT2-I	mining and transport technologies II.	P	6	12	3	d oc. Lieskovsky	S
LF	KPLZI	NOPL-I	forest production science	P	6	12	0	doc. Sedmák	S
LF	KPL	SDPU-I	horticultural dendrology and park landscaping	PV	4	12	1	doc. Lukáčik	S
LF	KPL	ZLEEP-I	forest establishment in extreme ecological conditions	PV	4	12	1	doc. Repáč	S
LF	KLŤLM	VOS-I	Multi-operating machines	PV	4	12	1	prof. Messinger	S
CUP	ÚCJ	AK_A	JA - Academic Communication	PV	3	8		PhDr. Luptáková	S
CUP	ÚCJ	AK_N	JN - Academic communication	PV	3	8		Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJA7	2. foreign language JA 7	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN7	2. foreign language JN 7	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF7	2. foreign language JF 7	V	3	0	4/0	PaedDr. Veverková, PhD.	S

1st semester <i>applicationalologyandpolication</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KAZMZ	OCHZI-I	animal protection	P	5	12	0	doc. Lesho	S
LF	KERLH	FRP-I	financial management of the company	P	7	10	0	prof. Hajdúchová	S
LF	KAZMZ	MANPO-I	hunting management	P	7	12	1	doc. Halaj	S
LF	KPLZI	ZGIS-I	basics of GIS	PV	6	12	0	prof. Tuček	S
LF	KPL	SDPU-I	horticultural dendrology and park landscaping	PV	4	12	1	doc. Lukáčik	S
LF	KAZMZ	PZOO	applied zoology*	PV	6	12	0	prof. Kropil	S
CUP	ÚCJ	AK_A	JA - Academic Communication	PV	3	8		PhDr. Luptáková	S
CUP	ÚCJ	AK_N	JN - Academic communication	PV	3	8		Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJA7	2. foreign language JA 7	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN7	2. foreign language JN 7	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF7	2. foreign language JF 7	V	3	0	4/0	PaedDr. Veverková, PhD.	S

1st semester <i>l e s s i c a l t e c h n o l o g y</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KLŤLM	TDT2-I	mining and transport technologies II.	P	6	12	3	prof. Messinger	S
LF	KLŤLM	LMZB-I	forestry land reclamation	P	6	12	2	prof. Jakubis	S
LF	KLŤLM	ZPL-I	recovery of forest products	PV	4	12	0	doc. Lieskovsky	S
LF	KLŤLM	SORT-I	wood sorting	PV	4	12	0	doc. Gejdos	S
LF	KPLZI	KATNE-I	cadastre of immovable property	PV	6	12	2	doc. Kardoš	S
CUP	ÚCJ	AK_A	JA - Academic Communication	PV	3	8		PhDr. Luptáková	S
CUP	ÚCJ	AK_N	JN - Academic communication	PV	3	8		Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJA7	2. foreign language JA 7	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN7	2. foreign language JN 7	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF7	2. foreign language JF 7	V	3	0	4/0	PaedDr. Veverková, PhD.	S

2nd semester <i>a n d d a p t i v e l y</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KIOLK	INTOL-I	integrated forest protection	P	6	12	2	doc. Fleischer	S
LF	D LF	PRAXD-I	pre-diploma practice	P	3	15 days		Head of DP	Z
LF	KPL	PBPL-I	nature-friendly forest cultivation	PV	4	12	0	prof. Jaloviar	S
LF	KPLZI	DPZ-I	remote sensing	PV	6	12	2	doc. Kardoš	S
LF	KF	BDIV-I	Biodiversity	PV	4	12	0	prof. Gömöry	S
LF	KLŤLM	PLC-I	forest road design	PV	4	12	1	doc. Gejdos	S
LF	KLŤLM	SPLE-I	making forests more accessible	PV	4	12	1	prof. Messinger	S
LF	KLŤLM	PUL-I	land management in forestry	PV	4	12	1	prof. Jakubis	S
LF	KIOLK	OPSL-I	resilience potential and forest stability	PV	4	12	1	Ing. Hlaváč	S
CUP	ÚCJ	JA-OT_ILF	JA - professional texts for LF students	PV	3	8		PhDr. Luptáková	S
CUP	ÚCJ	JN-OT_ILF	JN - professional texts for LF students	PV	3	8		Dr. phil. Mgr. Lupták	S
LF	KPP	ELE-I	ecotoxicology of forest ecosystems	V	3	10	1	prof. Pichler	S
LF	KPLZI	SKAUT-I	survival course in extreme conditions	V	2	10	3	Ing. Sitko	Z
LF	KF	OOB-I	protection of organisms and habitats	V	3	10	1	RNDr. Kochjarová	Z
FEE	KF	CHR	protected plants	V	3	2	2/0	RNDr. Kochjarová	S
CUP	ÚCJ	2CJA8	2. foreign language JA 8	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN8	2. foreign language JN 8	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF8	2. foreign language JF 8	V	3	0	4/0	PaedDr. Veverková, PhD.	S

2nd semester <i>applicationalologyandpolication</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KIOLK	INTOL-I	integrated forest protection	P	6	12	2	doc. Fleischer	S
LF	KAZMZ	SCHZV-I	special game farming	P	6	12	2	prof. Garaj	S
LF	D LF	PRAXD-I	pre-diploma practice	P	3	15 days		Head of DP	Z
FEE	KEVTUR	EKFI-I	ecological philosophy	PV	4	12	0	Mgr. Rácz	S
CUP	ÚCJ	JA-OT_ILF	JA - professional texts for LF students	PV	3	8		PhDr. Luptáková	S
CUP	ÚCJ	JN-OT_ILF	JN - professional texts for LF students	PV	3	8		Dr. phil. Mgr. Lupták	S
LF	KPP	ELE-I	ecotoxicology of forest ecosystems	V	3	10	1	prof. Pichler,	S
LF	KPLZI	SKAUT-I	survival course in extreme conditions	V	2	10	3	Ing. Sitko	Z
LF	KF	OOB-I	protection of organisms and habitats	V	3	10	1	RNDr. Kochjarová	Z
FEE	KF	CHR	protected plants	V	3	2	2/0	RNDr. Kochjarová	S
CUP	ÚCJ	2CJA8	2. foreign language JA 8	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN8	2. foreign language JN 8	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF8	2. foreign language JF 8	V	3	0	4/0	PaedDr. Veverková, PhD.	S

2nd semester <i>lessical technology</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KIOLK	INTOL-I	integrated forest protection	P	6	12	2	doc. Fleischer	S
LF	KLŤLM	LCES-I	forest roads	P	6	15	2	prof. Jakubis	S
LF	D LF	PRAXD-I	pre-diploma practice	P	3	15 days		Head of DP	Z
LF	KLŤLM	SPLE-I	making forests more accessible	PV	4	12	1	prof. Messinger	S
LF	KLŤLM	VOS-I	Multi-operating machines	PV	4	12	1	prof. Messinger	S
LF	KLŤLM	RELEASE-I	recuperative rope equipment	PV	4	12	1	doc. Stollmann	S
LF	KPP	ELE-I	ecotoxicology of forest ecosystems	V	3	12	1	prof. Pichler	S
LF	KPLZI	SKAUT-I	survival course in extreme conditions	V	2	10	3	Ing. Sitko	Z
LF	KF	OOB-I	protection of organisms and habitats	V	3	10	1	RNDr. Kochjarová	Z
FEE	KF	CHR	protected plants	V	3	2	2/0	RNDr. Kochjarová	S
CUP	ÚCJ	JA-OT_ILF	JA - professional texts for LF students	PV	3	8		PhDr. Luptáková	S
CUP	ÚCJ	JN-OT_ILF	JN - professional texts for LF students	PV	3	8		Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJA8	2. foreign language JA 8	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN8	2. foreign language JN 8	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF8	2. foreign language JF 8	V	3	0	4/0	PaedDr. Veverková, PhD.	S

II. year of study, engineering degree, external study, study programme:

adaptive forestry

applied zoology and hunting

forestry technology

Time and content schedule of the III (winter) semester

01. 09. 2021 - 15.09.2021	electronic entry	
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	5 weeks	study leave

Time and content schedule of the IV (summer) semester

14. 02. 2022 - 22. 04. 2022	10 weeks	lectures and exercises
25. 04. 2022 - 14. 05. 2022	3 weeks	main exercises
16. 05. 2022 - 24. 06. 2022	6 weeks	study leave
31. 07. 2022	closing of examination reports	

¹⁾ The student is obliged to choose from the above compulsory elective courses in each semester so as to obtain a minimum of 20 credits, 28 credits are required for advancement to the third year of study.

²⁾ The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

***) all students who did not take the hunting course at the Faculty of Science of the Technical University of Zvolen in the first bachelor degree of study will enrol in the course;**

3rd semester <i>a d a p t i v e</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KLŤLM	LMZB-I	forestry land reclamation	P	6	12	2	prof. Jakubis	S
LF	KERLH	RLH-I	forest enterprise management	P	6	12	0	doc. Šulek	S
LF	KPLZI	ZGIS-I	basics of GIS	P	6	12	0	prof. Tuček	S
LF	KPL	PLVF-I	cultivation of forests with public utility functions	PV	4	12	2	doc. Kucbel	S
LF	KIOLK	OLARP-I	forest dieback and implementation of countermeasures	PV	4	12	0	doc. M. Pavlík	S
LF	KLŤLM	PROCH-I	erosion protection	PV	4	12	1	prof. Jakubis	S
CUP	ÚCJ	2CJA9	2. foreign language JA 9	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN9	2. foreign language JN 9	V	3	0	4/0	Dr. phil. Mgr. Ľupták	S
CUP	ÚCJ	2CJF9	2. foreign language JF 9	V	3	0	4/0	PaedDr. Veverková, PhD.	S

3rd semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KAZMZ	SVETP-I	world hunting	P	4	12	1	Ing. Bútora	S
LF	KLŤLM	PSZ-I	hunting buildings and equipment	P	6	15	2	doc. Merganič	S
LF	KAZMZ	POLOV	hunting *)	PV	6	12	3	prof. Kropil	S
LF	KPLZI	KATNE-I	cadastre of immovable property	PV	6	12	2	doc. Kardoš	S
LF	KAZMZ	OPK-I	nature and landscape protection	PV	6	12	1	doc. Lesho	S
LF	KERLH	EOPZ-I	economics and valuation of natural resources	PV	6	12	0	prof. Holécy	S
CUP	ÚCJ	2CJA9	2. foreign language JA 9	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN9	2. foreign language JN 9	V	3	0	4/0	Dr. phil. Mgr. Eupták	S
CUP	ÚCJ	2CJF9	2. foreign language JF 9	V	3	0	4/0	PaedDr. Veverková, PhD.	S

3rd semester <i>lessical technology</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KPLZI	LMZB-I	forest modelling	P	6	12	0	Prof. Fabrika	S
LF	KERLH	RLH-I	forest enterprise management	P	6	15	0	doc. Šulek	S
LF	KPLZI	ZGIS-I	basics of GIS	P	6	12	0	prof. Tuček	S
LF	KLŤLM	INERG-I	engineering ergonomics	PV	4	12	0	prof. Messinger	S
LF	KPLZI	KAT-I	cartography and topography	PV	6	12	3	doc. Kardoš	S
LF	KPLZI	DFOT-I	digital photogrammetry	PV	6	12	2	doc. Chudý	S
CUP	ÚCJ	2CJA9	2. foreign language JA 9	V	3	0	4/0	Mgr. Danihelová, PhD.	S
CUP	ÚCJ	2CJN9	2. foreign language JN 9	V	3	0	4/0	Dr. phil. Mgr. Lupták	S
CUP	ÚCJ	2CJF9	2. foreign language JF 9	V	3	0	4/0	PaedDr. Veverková, PhD.	S

4th semester <i>a d a p t i v e s</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KPLZI	HUL2-I	forest management II	P	6	12	4	doc. Merganič	S
LF	KPL	PEL2-I	Silviculture II	P	6	12	3	prof. Saniga	S
LF	KAZMZ	SOK-I	landscape care	P	5	12	1	prof. Kropil	S
LF	KLŤLM	RELEASE-I	recuperative rope equipment	PV	4	12	1	doc. Stollmann	S
LF	KPLZI	PGIS-I	GIS operation	PV	6	12	0	prof. Tuček	S
LF	KLŤLM	ISL-I	forestry engineering structures	PV	4	12	2	doc. Merganič	S
DF	KMOSL	SVETL-I	world forestry	PV	4	12	0	doc. Paluš	S
LF	KPL	PESAN-I	growing analytics	PV	4	12	0	doc. Jaloviar	S
FEE	KEVTUR	EKFI-I	ecological philosophy	PV	4	10	0	Mgr. Rác	S
LF	KPP	ELE-I	ecotoxicology of forest ecosystems	V	3	12	1	prof. Pichler	S
LF	KPLZI	SKAUT-I	survival course in extreme conditions	V	2	10	3	Ing. Sitko	Z
LF	KF	OOB-I	protection of organisms and habitats	V	3	10	1	RNDr. Kochjarová	Z
FEE	KF	CHR	protected plants	V	3	2	2/0	RNDr. Kochjarová	S

4th semester <i>ap p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KPL	ZPLPF-I	establishment and cultivation of forest with hunting function	P	7	12	3	doc. Kucbel	S
LF	KAZMZ	SOK-I	landscape care	P	5	12	1	prof. Kropil	S
LF	KIOLK	OPSL-I	resilience potential and forest stability	PV	4	12	1	Ing. Hlaváč	S
LF	KERLH	PNAL-I	legal standards and legislation	PV	6	12	0	prof. Šálka	S
LF	KPLZI	DPZ-I	remote sensing	PV	6	12	2	doc. Kardoš	S
LF	KPP	ELE-I	ecotoxicology of forest ecosystems	V	3	12	1	prof. Pichler	S
LF	KPLZI	SKAUT-I	survival course in extreme conditions	V	2	10	3	Ing. Sitko	Z
LF	KF	OOB-I	protection of organisms and habitats	V	3	10	1	RNDr. Kochjarová	Z
FEE	KF	CHR	protected plants	V	3	2	2/0	RNDr. Kochjarová	S

III. year of study, engineering degree, external study, study programme:

adaptive forestry

applied zoology and hunting

forestry technologies

Time and content schedule of the V. (winter) semester

01. 09. 2021 - 15.09.2021	electronic entry	
20. 09. 2021 - 8. 10. 2021	3 weeks	lectures and exercises
11. 10. 2021 - 23. 10. 2021	2 weeks	main exercise
25. 10. 2021 - 10. 12. 2021	7 weeks	lectures and exercises
13. 12. 2021 - 17. 12. 2021	1 week	study leave
20. 12. 2021 - 9. 01. 2022		winter holidays
10. 01. 2022 - 11. 02. 2022	5 weeks	study leave

Time and content schedule of the VI (summer) semester

14. 02. 2022 - 18. 03. 2022	5 weeks	lectures and exercises
21. 03. 2022 - 25. 03. 2022	1 week	main exercises
28. 03. 2022 - 14. 04. 2022	3 weeks	study leave including I. and II. OT
until 28. 04. 2022		submission of diploma theses
20. 06. 2022 - 24. 06. 2022		DP defence and state examinations
1. 07. 2022		Promotions

- 1) The student is obliged to choose from the above compulsory elective courses in each semester in order to obtain a minimum of 20 credits.
- 2) The student is obliged to choose from the offer of compulsory elective courses for the given study programme, then he/she can choose courses from the study programmes of all faculties of TU Zvolen in addition to the above mentioned courses.

5th semester <i>and d a p t i v e l e a s s e s s m e n t</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KERLH	LESPO-I	forestry policy	P	6	12	0	prof. Šálka	S
LF	KPLZI	AMP-I	automation of mapping work	PV	6	12	2	doc. Chudý	S
LF	KPLZI	KATNE-I	cadastre of immovable property	PV	6	12	2	doc. Kardoš	S
LF	KPLZI	PPML-I	forest modelling	PV	6	12	0	Prof. Fabrika	S

5th semester <i>a p p l i c a t i o n a l o l o g y a n d p o l i c a t i o n</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KLŤLM	KRING-I	landscape engineering	P	6	12	2	prof. Jakubis	S
LF	KPLZI	OLPR-I	valuation of forest and hunting grounds	P	6	12	0	doc. Merganič	S
LF	KAZMZ	SOKOL-I	falconry	PV	4	12	1	prof. Kropil	S
LF	KPL	PLVF-I	cultivation of forests with public utility functions	PV	4	12	2	doc. Kucbel	S
LF	KIOLK	OLARP-I	forest dieback and implementation of countermeasures	PV	4	12	0	doc. Pavlík	S

5th semester <i>lessical technology</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KLŤLM	KRING-I	landscape engineering	P	6	12	2	prof. Jakubis	S
LF	KPLZI	AMP-I	automation of mapping work	P	6	12	2	doc. Chudý	S
LF	KLŤLM	PSZ-I	hunting buildings and equipment	PV	6	15	2	doc. Merganič	S
LF	KLŤLM	PROCH-I	erosion protection	PV	4	12	1	prof. Jakubis	S
LF	KERLH	LESPO-I	forestry policy	PV	6	12	0	prof. Šálka	S
LF	KLŤLM	LANLE	cableways in forestry	PV	4	12	1	prof. Messinger	S

6th semester <i>adaptives</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	KERLH	PNAL-I	legal standards and legislation	P	6	12	0	prof. Šálka	S
LF	D LF	SS-I	state examination	P	10			Prof. Fabrika	NWF
LF	D LF	DIPL-I	thesis	P	10			doc. Kardoš	NWF

6th semester <i>applicationalologyandpolication</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	D LF	SS-I	state examination	P	10			Prof. Fabrika	NWF
LF	D LF	DIPL-I	thesis	P	10			doc. Kardoš	NWF

6th semester <i>lessingthechnology</i>									
Faculty	Department	Shortcut	Name of subject	Subject	Credits	Consultation	HC	Host	End
LF	D LF	SS-I	state examination	P	10			Prof. Fabrika	NWF
LF	D LF	DIPL-I	thesis	P	10			doc. Kardoš	NWF



TECHNICAL UNIVERSITY IN ZVOLENO

No.R-1799/2016

STUDY REGULATIONS

TECHNICAL UNIVERSITY IN ZVOLENO

**AS AMENDED BY THE AMENDMENT NO. 1 DATED
15.7.2013,**

AMENDMENT NO. 2 OF 30.3.2015

AND AMENDMENT NO 3 OF 19.5.2017

VOLUME 2017
SECTION ONE

STUDY REGULATIONS
TECHNICAL UNIVERSITY IN ZVOLEN

PART ONE
GENERAL PROVISIONS

Article 1
Introductory provisions

- (1) These study regulations apply to studies in accredited study programmes conducted at the Technical University of Zvolen (hereinafter referred to as TU) and the faculties of TU pursuant to Section 60 of Act No. 131/2002 Coll. on Higher Education and on Amendments and Additions to Other Acts, as amended (hereinafter referred to as the Higher Education Act).
- (2) The first section of the Study Regulations applies mutatis mutandis to studies in degree III programmes (Section 54 of the Higher Education Act) in all its forms and to studies in further education. Further principles and conditions are regulated in the second section of these Study Regulations, 'Study Regulations for Doctoral Studies at TU Zvolen'.
- (3) Further principles and conditions for studies in Bachelor's, Engineering and Master's degree programmes carried out by the faculties are specified in the study regulations of the faculties or in the study rules of the study programmes, if the faculties decide that they need to modify the TU Study Regulations in more detail for their own conditions.

PART TWO
STUDY REGULATIONS

Article 2
Admission to study

- (1) The basic conditions for admission to study are laid down in the Higher Education Act (§ 56, § 57, § 58 and § 58a). The TU or the faculty, if the study programme is carried out at the faculty, may determine additional conditions for admission to the study of the relevant study programme and the method of their verification.
- (2) TU or the faculty, if the study programme is carried out at a faculty, shall publish in due time, no later than 20 September in the academic year preceding the academic year in which the study is to commence, if it is a bachelor's study programme or a study programme pursuant to Section 53, subsection 1, paragraph 1. In the case of programmes of study referred to in Article 53(3) of the Higher Education Act, and in the case of other programmes of study no later than two months before the last day for the submission of applications for studies, the deadline for the submission of applications for studies, the conditions for admission, the date and method of verifying their fulfilment, and, if the verification of aptitude for studies includes an entrance examination, the form and framework content of the examination and the method of

assessing its results, as well as information on the number of applicants it intends to admit to the study of the relevant programme of study.

- (3) The dean decides on admission to study a study programme implemented by the faculty. The Rector decides on admission to study a study programme conducted by TU.
- (4) The decision on the outcome of the admission procedure must be made in writing within 30 days of verification that the conditions for admission have been met. It must contain a statement of the reasons for the decision and an indication of the possibility of applying for a review of the decision. It must be hand-delivered to the applicant. An applicant whose place of residence is unknown shall be served by posting the decision on the official notice board of the TU or the faculty for 15 days. The last day of this period shall be deemed to be the date of service.
- (5) An applicant may apply for a review of the admissions decision. The application shall be submitted to the authority which issued the decision within eight days of the date of its delivery (Section 58(8) of the Higher Education Act).
- (6) TU or the faculty has the right to request information from admitted applicants as to whether they will enrol. The applicant is obliged to provide such information to the TU or the faculty before the beginning of the academic year (Section 61 of the Higher Education Act). If the applicant does not express an interest in the study or does not provide the information within the specified time, the right to enrol in the study programme in question shall expire and the TU or the faculty shall revoke the decision by which the next applicant in the order of admission results was not admitted to the study and shall issue a new decision on his/her admission to the study.
- (7) An applicant who has received a decision not to be admitted to study has the right to consult his or her admissions file upon request.
- (8) TU may accept a student from another university, including a foreign university, for a period of one semester as part of academic mobility without an admission procedure, in accordance with the terms of the exchange programme or on the basis of an agreement between the receiving and sending universities. Further conditions and requirements are regulated by Section 58a of the Higher Education Act.

Article 3

Enrolment for studies

- (1) Upon notification of the decision on admission to study pursuant to Section 58(7) of the Higher Education Act, the applicant shall be entitled to enrol in a study programme at the faculty at which the study programme is carried out, or at the TU if it is a university study programme. The date, place and method of enrolment shall be determined by and communicated to the admitted applicant by the TU or the faculty.
- (2) At the time of enrolment, the student determines for himself/herself what part of the obligations prescribed by the study programme he/she wishes to complete in the following period of study to which the enrolment applies.
- (3) An applicant's right to enrol for studies under paragraph 1 shall be terminated if he/she answers in the negative to the question of whether he/she will enrol for studies from the TU or the faculty or fails to respond by the deadline set for enrolment. The right of an applicant who has been admitted conditionally to a course of study to enrol in the course of study pursuant to paragraph 1 shall be terminated if he or she fails to prove that he or she fulfils the basic conditions for admission no later than the date set for enrolment.
- (4) The TU or the faculty may allow, under the conditions specified in the rules of study of university study programmes or in the study regulations of the faculty, the enrolment of a student who has been admitted to study a study programme of the relevant degree in

the same field of study or in a related field of study at another higher education institution, if he/she requests it in writing (Section 59 (4) to (6) of the Higher Education Act).

(5) By enrolling, the admitted applicant acquires the rights and obligations of a TU student.

Article 4

Rights and obligations of TU students

- (1) A candidate admitted to study (Section 58 of the Higher Education Act) becomes a student of TU from the date of enrolment; a student whose studies have been interrupted becomes a student from the date of re-enrolment. If the enrolment of an applicant admitted to study takes place before the beginning of the academic year in which his/her studies are to begin, the applicant shall become a student from the beginning of that academic year, unless he/she notifies the University in writing by 15 August before the beginning of that academic year that he/she is cancelling his/her enrolment.
- (2) A student ceases to be a student of TU from the date of termination of studies pursuant to Sections 65(1) and 66 of the Higher Education Act or from the date of interruption of studies pursuant to Section 64(1) of the Higher Education Act.
- (3) In particular, the student has the right to:
 - (a) study the programme of study to which he/she has been admitted,
 - (b) form a study plan according to the rules of the study programme (Section 51(4)(g) of the Higher Education Act),
 - (c) enrol in the next part of the study programme if he/she has fulfilled the obligations specified in the study programme or study regulations,
 - (d) while respecting the time and capacity constraints set by the study regulations and the study programme, to choose the pace of study, the order of completion of subjects while maintaining their prescribed continuity and to choose a teacher for a subject taught by several teachers,
 - (e) as part of their studies, apply to study at another university, including abroad,
 - (f) participate in research, development or artistic and other creative activities of TU,
 - (g) participate in the establishment and activities of independent associations operating on campus (societies, unions, professional associations) in accordance with the law,
 - (h) at least once a year have the opportunity to comment on the quality of teaching and teachers by means of an anonymous questionnaire,
 - (i) freely express opinions and comments on higher education,
 - (j) for information and advisory services related to studies and to the possibility of graduates of study programmes to be employed in practice,
 - (k) if he/she is subject to the obligation to pay tuition fees pursuant to Section 92(5) of the Higher Education Act, to decide in which study programme he/she will study free of charge in the relevant academic year, if he/she is entitled to free university studies,
 - (l) under the conditions specified in the study regulations, to change the study programme within the same field of study or a related field of study.

- (4) The student's study obligations are derived from the programme of study he/she is studying and the study regulations.
- (5) The student is obliged to comply with the internal regulations of TU and its components.
- (6) The student is also obliged to :
 - (a) Protect and make economical use of the property, resources and services of the college,
 - b) pay tuition fees and fees associated with studies in accordance with Section 92 of the Higher Education Act directly to TU or the faculty at which he/she is enrolled and truthfully state the facts relevant for their determination,
 - c) notify the TU or the faculty, if enrolled in a study programme carried out at the faculty, of the address intended for the delivery of documents,
 - d) to appear in person at the written summons of the Rector, Dean or a TU or faculty staff member authorised by them to discuss questions concerning the progress or termination of his/her studies or related to his/her rights and obligations,
 - e) notify the TU or the faculty, if enrolled in a study programme conducted at the faculty, in writing of the decision pursuant to Section 70(1)(k) of the Higher Education Act by 30 September of the relevant academic year.
- (7) A student may be subject to disciplinary action for a culpable violation of legal regulations, the TU Statutes or other internal regulations of TU or the faculty at which the student is studying.
- (8) The details of the disciplinary offence procedure are regulated by the Disciplinary Regulations of TU or the Disciplinary Regulations of the faculty at which the student is studying.

Article 5

The academic year and its organisation

- (1) The academic year shall begin on 1 September of the current year and end on 31 August of the following year.
- (2) Study at TU in one academic year is divided into two semesters, winter and summer.
- (3) The Rector of TU sets the study schedule for the following academic year by 31 January at the latest.

Article 6

Degrees, forms and methods of study at TU

- (1) TU provides, organizes and ensures higher education in bachelor's, engineering, master's and doctoral study programmes.
- (2) The study programme can be carried out in the full-time form of study or in the part-time form of study.
- (3) The full-time form of study is organised in such a way that the study according to the recommended study plan corresponds, depending on the study programme in terms of time intensity, to the student's work in the range of 1500 to 1800 hours per academic year, including independent study and independent creative activity (Section 60(2) of the Higher Education Act).
- (4) The external form of study is organised in such a way that the study according to the recommended study plan corresponds, depending on the study programme in terms of time intensity, to the student's work in the range of 750 to 1440 hours per academic year, including independent study and independent creative activity (Section 60(3) of the Higher Education Act).

- (5) Educational activities pursuant to Section 51(2) of the Higher Education Act may be carried out
 - a) by the attendance method,
 - (b) by the distance method; or
 - (c) the combined method.
- (6) The face-to-face method of learning is based on classes with direct teacher-student contact.
- (7) The distance method replaces the direct contact between the teacher and the student by communication through communication means, especially those based on the use of computer networks.
- (8) The same methods are used for full-time and part-time study programmes. If the use of the same methods is not possible, any unavoidable differences in the delivery of the full-time and part-time programme of study must not have a negative impact on learning outcomes.

Article 7

Credit system

- (1) The organization of all levels and forms of higher education at the TU is based on the credit system, which is implemented in accordance with the Decree of the Ministry of Education and Science of the Slovak Republic on the credit system of studies. The credit system of study uses the accumulation and transfer of credits. It enables the assessment of the student's workload associated with the completion of courses in accordance with the rules contained in the study programme by means of credits.
- (2) Credits are numerical values assigned to courses, expressing the amount of work required to acquire the prescribed learning outcomes.
- (3) The standard student load for the whole academic year in the full-time form of study is expressed as 60 credits, per semester 30 credits. The standard student workload for a full academic year of part-time study is expressed as a maximum of 48 credits, depending on the standard length of study of the relevant study programme and the number of credits required for its proper completion.
- (4) The student receives credits upon successful completion of the course. Credits can be earned only once for a given subject during the study of one study programme.

Article 8

Study programme, study plan

- (1) A study programme is a set of courses consisting of educational activities, which are mainly lectures, seminars, exercises, final thesis, project work, laboratory work, internship, excursion, professional practice, major exercises, operational exercises, state examination and their combinations and a set of rules designed in such a way that successful completion of these educational activities, while observing the above mentioned rules, enables to obtain a higher education degree.
- (2) The final thesis, which together with its defence constitutes one course, is also part of the study according to each study programme; the defence of the final thesis is one of the state examinations. With the consent of the TU or the faculty, the thesis may be written in a language other than the national language. In such a case, the thesis shall include an abstract in the national language. Except in the cases under Section 63(11) of the Higher Education Act, the student's written consent to publish and make the thesis available to the public under Section 63(9) of the Higher Education Act for the period

of its retention under Section 63(7) of the Higher Education Act, without remuneration, is a condition for admission to the defence of the thesis.

- (3) The study programme must contain the elements listed in Section 51(4) of the Higher Education Act.
- (4) The study programme includes a recommended study plan, which is designed so that by completing it the student meets the conditions for successful completion of studies within the standard length of study corresponding to the study programme.
- (5) The student studies according to the study plan, which determines the time and content sequence of the study programme subjects and the forms of evaluation of study results. In addition to the form of assessment of learning outcomes, the study plan is drawn up by the student himself or in cooperation with a study advisor within the framework of the specified rules and in accordance with the study regulations of the TU or the faculty.
- (6) Study advisors are available at TU to provide students with an advisory service when drawing up their study plans. The study advisor is appointed from among the university teachers and dismissed by the Rector or the Dean if the study advisor is to work within the faculty.
- (7) In justified cases, a student may request an individual study plan from the Rector or Dean if the study programme is carried out at the faculty (students with specific needs, mothers with children, elite athletes, etc.).

Article 9

Study programme subjects

- (1) The study programme is divided into subjects. Each subject is uniquely identified at TU by its code and name. Basic information on the nature of the course is given in the course information sheet. A specimen of the course information sheet is given in the Decree of the Ministry of Education and Science of the Slovak Republic on the credit system of study.
- (2) Courses included in the study programme are divided into the following according to the obligatory nature of their completion
 - a) compulsory - their successful completion is a prerequisite for successful completion of part or the entire study programme,
 - b) compulsory electives - the condition for successful completion of part or the entire study programme is the successful completion of a specified number of the following subjects of the student's choice in the structure determined by the study programme,
 - c) elective - are other subjects that the student has the opportunity to enrol in order to supplement his/her studies and to obtain a sufficient number of credits in the relevant part of the study.
- (3) Students usually enrol in elective courses from the elective courses offered in their study programme as well as from other study programmes offered by other faculties or universities within the framework of the applicable rules.
- (4) Subjects included in the study programme are divided into:
 - a) courses without continuation; enrolment in such a course is not contingent on the completion of another course,
 - b) subjects conditional on successful completion of other subjects; enrolment in such a subject is conditional on successful completion of another subject (prerequisite subject, prerequisite) or other subjects.

Article 10

Enrolment and completion of courses

- (1) The student enrolls in courses in such a way that the number of credits he/she can obtain by successfully completing them is sufficient in a given period to meet the condition for continuing his/her studies.
- (2) When enrolling in courses, the student is governed by the conditions and rules prescribed by the relevant study programme of the faculty, or by the rules of study of study programmes (in particular, the continuity of courses and their inclusion in the winter or summer semester in accordance with the recommended study plan). Changes in the enrolment of courses are possible only in justified cases, within a maximum of two weeks from the beginning of the semester.
- (3) The enrolment of courses for a given academic year is already prepared during the previous academic year in the form of pre-registration of courses. When pre-registering for courses, the student follows the instructions of TU or the faculty.
- (4) A student may re-enrol in a compulsory course during his/her studies which he/she has failed in accordance with the rules laid down in the study programme. After a second unsuccessful attempt to pass a compulsory subject, the student is expelled from the study (Section 66(1)(c) of the Higher Education Act).
- (5) A student may re-enrol in a compulsory elective course during his/her studies, which he/she has failed, or may enrol in another compulsory elective course instead, in accordance with the rules laid down in the study programme. After a second unsuccessful attempt to pass a compulsory elective course, the student is expelled from the study (Section 66(1)(c) of the Higher Education Act).
- (6) A student may re-enrol in an elective subject during his/her studies, which he/she has failed, or may enrol in another elective subject or a compulsory elective subject from among the compulsory elective subjects not yet taken. If the student has achieved a sufficient number of credits, he/she does not have to enrol in any elective course. If the student has not achieved a sufficient number of credits, he/she shall be expelled from studies after a second unsuccessful attempt to take the selected elective course (Section 66(1)(c) of the Higher Education Act).

Article 11

Assessment of learning outcomes

- (1) The assessment of the student's learning achievements in the course of studying the subject is carried out in particular
 - a) continuous control of study results during the teaching part of the study period (control questions, written tests, independent work assignments, term papers, seminar report, etc.),
 - b) by examination for a given period of study.The requirements in accordance with the study programme will be set out by the course coordinators in the course information sheets.
- (2) Completion of the course is assessed by a grade. The grade reflects the quality of the acquisition of knowledge or skills in accordance with the aim of the course as stated in the course information sheet. The results of examinations are recorded in the examination reports in the UIS and the study report (index) and can be shown by the student or graduate at any time.
- (3) The marking is based on a grading scale consisting of six grading levels:

Designation of classification level		Number of points scored or total percentage gain	Final grade (numerical value of
Letters	verbally		

			the classification level)
A	well done (excellent results)	100 - 95	1
B	very good (above average results)	94 - 85	1,5
C	good (average results)	84 - 75	2
D	satisfactory (acceptable results)	74 - 65	2,5
E	Enough (results meeting only the minimum criteria)	64 - 60	3
FX	Insufficient (results do not even meet the minimum criteria)	less than 60	4

- (4) A student receives credit for a course that is graded with a grade and passes the course if the student's performance has been graded at any of the grading levels from A to E.
- (5) TU or the faculty, if the study programme is carried out at the faculty, may decide not to assess selected courses with a grade and determine other criteria for their successful completion as conditions for obtaining credits.
- (6) A weighted grade point average is used to assess a student's overall academic performance over a defined period of time. It shall be calculated by adding the products of the number of credits and the numerical assessment referred to in paragraph 3 for all courses enrolled by the student during the assessment period and dividing the result by the total number of credits of courses enrolled by the student during the period. A grade of 4 shall be included in the weighted grade point average for courses taken and not taken. Courses that are not graded (paragraph 5) are not included in the weighted average calculation. That is to say, expressed by the formula:

$$V\check{S}P = \frac{\sum_{i=1}^n K_i \cdot Z_i}{\sum_{i=1}^n K_i}$$

GPA - weighted study average,

K_i - value of credits for the *i*-th subject,

Z_i - numerical value of the grade for the *i*-th subject

n - number of subjects of the evaluation period.

Article 12 Exams

- (1) The examination tests the student's knowledge and abilities in the relevant subject and his/her ability to creatively apply the theoretical knowledge and practical skills acquired through the study of the relevant subject within the study programme. The form and content of the examination must be in accordance with the course information sheet and the lecturer is obliged to acquaint students with them at the beginning of the semester. The examination may be written, oral based on written preparation, practical, or a combination thereof.

- (2) In a course in which the fulfilment of the conditions set by the continuous monitoring of learning outcomes during the teaching part of the period is prescribed, this fulfilment is a condition for participation in the examination.
- (3) The examiner is usually the course instructor or a university teacher in the capacity of professor or associate professor. The rector or dean may also entrust the examination to other university teachers who teach the subject in question.
- (4) A course whose overall assessment consists of an interim assessment of learning outcomes and an examination has a set ratio in which a nominal 100% is divided between the interim assessment and the examination. This distribution is under the responsibility of the course tutor, and the ratio for the continuous assessment must be between 20% and 40%.
- (5) The head of the department providing the course is responsible for setting a sufficient number of deadlines and for ensuring that they are met. In the event of the absence of an examiner, the head of the department providing the course is obliged to arrange for a substitute. Examination dates are announced via the University Information System (UIS). During periods of study leave, the examiner is obliged to announce examination dates at least one week before the end of the semester and for at least 1.5 times the number of students being examined. Any additional examination dates, as well as the dates of examinations outside the study leave period, shall be determined by the examiner at least one week in advance and in such a way that teaching is not disrupted in accordance with the applicable timetable and study schedule.
- (6) Unexcused absence from an examination on the date for which the student has registered shall be assessed by the examiner with a mark of "insufficient". The student may excuse himself/herself within 5 days after the examination date.
- (7) The examiner enters the final examination mark in the study report (index) and in the examination report in the UIS. The student is responsible for entering the mark in the study report, the teacher examiner is responsible for entering the mark in the examination report in the UIS within 5 working days of the examination. Every student has the right to be informed about the marking of his/her examination, about the errors and the correct solution.
- (8) The student has the right to take the examination in the regular term and in two make-up terms in each subject. If the student does not attend the regular term during the study leave period, the right to the regular term is lost and the term is evaluated with the grade "insufficient".
- (9) In justified cases, the student or the examiner may request the Rector or the Dean to conduct the examination by commission. A board examination is not an additional examination term. The Board shall have at least three members, appointed by the Rector or the Dean, if the programme of study is carried out at a faculty, after consideration of a proposal from the head of the department providing the course. The original examining teacher shall also be a member of the committee.
- (10) The period of validity of the examinations and credits from the previous study for the re-enrolled courses in the further study is determined by the maximum permissible study period according to the study programme, which is determined by the sum of the standard length of study and its overrun by two years. Such valid examination credits may be accepted at the study department of the Rector's Office, after approval by the Rector, in the case of university study programmes, or at the study department of the faculty, after approval by the Dean.
- (11) In the case of recognition of examination credits in a case other than those referred to in the previous paragraph 10, the student may request in writing to the course tutor that the course successfully completed at TU or another university be recognised. The

request shall be accompanied by an information sheet and, as a rule, the syllabus of the course in question. The Rector or the Dean, if the study programme is carried out at a faculty, decides on the recognition of the examination and the awarding of credits in the number specified by the study programme, after receiving the opinion of the course tutor and the head of the department providing the course. In the case of recognition of an examination from a subject of another university, which is not related to the subjects at TU, the guarantor of the study programme shall express his/her opinion on the possibility of recognition of the examination.

Article 13

Control of studies and conditions for continuing studies

- (1) Control of studies is based on the number of credits earned.
- (2) A student may continue his/her studies in the study programme at the 1st and 2nd level of study who:
 - a) obtained at least 10 credits by the date of completion of the study leave after the first semester of studies in the first cycle of studies, if the student is a full-time student, or 8 credits, if the student is an external student,
 - (b) has obtained at least 36 credits in the full-time form of study or has obtained at least 28 credits in the part-time form of study for each academic year of study of the relevant study programme. This condition does not have to be fulfilled by a student who has fulfilled the conditions for applying for the state final examinations according to Article 16, paragraph 6 of these Study Regulations.
- (3) A student who has not fulfilled the conditions for continuing his/her studies pursuant to paragraph 2 shall be expelled from studies pursuant to Section 66(1)(c) of the Higher Education Act.

Article 14

Interruption of studies

- (1) The study programme may be interrupted at the written request of the student for personal or health reasons. The interruption of studies is authorised by the Rector if it is a university study programme or by the Dean if it is a study programme conducted at the faculty.
- (2) A student who interrupts his/her studies ceases to be a student on the date of interruption. The decision to interrupt studies shall be delivered to the student in person or by post.
- (3) A student whose studies have been interrupted has the right to re-enrol. He/she becomes a student on the date of enrolment after the interruption.
- (4) You may interrupt your studies no more than twice during the course of your studies, with one interruption lasting no more than two years. The period of interruption is not counted towards the standard length of studies.

Article 15

Completion of studies

- (1) The study is properly completed by graduation according to the relevant study programme. The date of completion of studies shall be the date on which the last of the conditions prescribed for the proper completion of studies of a given study programme is fulfilled.

- (2) The study programme may not exceed its standard length by more than two years (Section 51(4)(h) of the Higher Education Act).
- (3) In addition to the regular termination of studies (§ 65 of the Higher Education Act), the studies will be terminated:
 - a) by dropping out,
 - b) by not completing the studies within the time limit set pursuant to Section 65(2) of the Higher Education Act,
 - c) expulsion from studies for failure to meet the requirements arising from the study programme and from the TU or faculty regulations,
 - d) expulsion from studies pursuant to Section 72(2)(c) of the Higher Education Act,
 - e) cancellation of the study programme pursuant to Section 87(2) of the Higher Education Act, if the student does not accept the offer of the university to continue his/her studies in another study programme,
 - f) death of a student.
- (4) The date of graduation is also:
 - (a) under paragraph 3(a) of this Article, the date on which the student's written declaration of withdrawal is received by TU,
 - (b) pursuant to paragraph 3(b) of this Article, the end of the academic year in which the student was due to complete his or her undergraduate studies,
 - (c) under paragraph 3(c) and (d) of this Article, the date on which the decision to exclude the student from studies became final,
 - (d) under paragraph 3(e) of this Article, the date on which TU has notified the cancellation of the programme of study.

Article 16

State examinations

- (1) Each study programme must include the passing of a state examination or state examinations as one of the conditions for successful completion.
- (2) The state examination shall be conducted before an examination board. The course of the state examination and the announcement of its results shall be public. The decision of the Board of Examiners on the results of the State examination shall be taken at a closed meeting of the Board of Examiners.
- (3) The right to sit for the state examination is limited to university teachers acting as professors and associate professors (Section 75(1) of the Higher Education Act) and other experts approved by the relevant scientific council (Section 12(1)(d) of the Higher Education Act); in the case of bachelor's degree programmes, also to university teachers acting as assistant professors (Section 75(8) of the Higher Education Act) with a third-level university degree.
- (4) The composition of the examination boards for the state examinations shall be determined by the dean from among the persons authorised to examine pursuant to paragraph 3 of this Article for study programmes conducted at faculties, and by the rector for university study programmes. As a rule, the examination commissions for the

state examinations shall also include eminent experts in the given field of study from other universities, from legal entities carrying out research and development in the territory of the Slovak Republic or from practice. At least two members of the examination board for state examinations shall be university teachers acting as professors or associate professors; in the case of bachelor's degree programmes, at least one university teacher acting as professor or associate professor.

- (5) The examination board for the state examinations shall have at least four members.
- (6) The state examination may be taken by the student after fulfilling the obligations stipulated by the study programme.
- (7) The content, organisation and course of the state examination are regulated by the study regulations of the TU faculties or by the rules of study of study programmes.
- (8) The assessment of the state examination is carried out in accordance with the ECTS grading scale. The final grade of the state examination is based on the evaluation of its individual parts.

Article 17

Bachelor's thesis, master's thesis, their evaluation and defence

- (1) A Bachelor's thesis (hereinafter referred to as BP) or a Master's thesis (hereinafter referred to as DP) contains a solution to a professional problem, the nature of which requires knowledge at the level of the acquired qualification. The bachelor's and master's thesis is intended to demonstrate the student's ability to work creatively in the field of study in which he or she has completed the study programme. The BP or DP may also include textual and factual annexes.
- (2) The student is obliged to submit the BP or DP also in electronic form by uploading it to the UIS in accordance with the organizational directive on the formalities, bibliographic registration, originality control, storage and accessibility of theses at the TU in Zvolen.
- (3) The deliberate use of any material that has been previously published by another author without clearly identifying such material by the use of quotation marks, citation, or other appropriate referencing method (plagiarism) is a violation of the rules of academic ethics and is unacceptable in the writing of bachelor's and master's theses and dissertations.
- (4) BP and DP are usually evaluated by the supervisor and at least one opponent.
- (5) Opponents are appointed by the head of the relevant department, the head of the institute from among the experts of the university or faculty, teachers of other faculties and universities or practice, on the proposal of the head of the bachelor's thesis or diploma thesis.
- (6) The supervisor of the BP or DP and the opponent will prepare a written evaluation (opponent's opinion) of the submitted work via UIS no later than 3 days before the start of the state examinations and defences of the BP or DP.
- (7) The student has the right to get acquainted with the opposing opinions through the UIS.
- (8) The defence of the BP or DP is conducted by the chairperson or a member of the committee authorised by the chairperson.
- (9) At the beginning of the defence, the student introduces the committee with the assignment and the aim of the work, briefly describes the procedure and the chosen methods of solution and states the main results.

- (10) In the next part of the defence, the committee is acquainted with the reports, the student answers the comments contained therein and the questions of the committee members related to the topic of the bachelor's or master's thesis.
- (11) The expert debate shall be chaired by the chairman or a member of the commission designated by him. The members of the committee shall ask the student questions in the field of study. In the professional debate, the student's ability to apply the theoretical knowledge acquired, the manner of his/her argumentation, the level of his/her performance and the broader scope in relation to the topic addressed are also examined and evaluated.

Article 18

Overall evaluation of the study

- (1) The overall result of the study is evaluated after the state examination according to the results achieved in the study and the final evaluation of the state examination. The assessment may be 'pass with distinction', 'pass' or 'fail'.
- (2) The criteria for the "passed with distinction" assessment shall be determined by the study regulations of the faculty or the rules of study of study programmes.

Article 19

Evidence of graduation

- (1) Evidence of completion of the study programme in the field of study are:
 - a) university diploma,
 - b) certificate of state examination,
 - c) Diploma Supplement.
- (2) A university diploma is a document of completion of an accredited study programme in a relevant field of study and of the award of an academic degree. It is issued by TU. A university diploma is usually awarded at an academic ceremony.
- (3) The state examination certificate is a document of the state examination, its components and its result. It is issued by TU.
- (4) A Diploma Supplement is a document that contains details of the degree programme completed. The particulars to be included in the diploma supplement shall be laid down in a general binding legal regulation to be issued by the Ministry. The Diploma Supplement shall be issued by TU. The graduate receives the diploma supplement at the same time as the diploma.
- (5) Evidence of graduation is a public record.

Article 20

Tuition fees and study-related fees

- (1) One of the student's obligations is to pay tuition fees and fees associated with studies in accordance with Section 71 of the Higher Education Act and in accordance with the TU Organizational Directive on Tuition Fees and Fees Associated with Studies at TU.
- (2) Failure to pay tuition fees or fees associated with studies for the relevant academic year within the time limit set by the University in accordance with the Higher Education Act is a violation of the provisions of Section 71(3)(b) of the Higher Education Act and the internal regulations of the TU and will be treated as a culpable violation of the legislation and the internal regulations of the University pursuant to Section 72(1) of the

Higher Education Act, with the consequences of the possibility of expulsion from studies pursuant to Section 72(2)(c) of the Higher Education Act in connection with Section 66(1)(d) of the Higher Education Act.

SECTION TWO

STUDY REGULATIONS FOR DOCTORAL STUDIES

PART ONE GENERAL PROVISIONS

Article 21 Introductory provisions

- (1) Doctoral studies are the highest level of higher education (Section 2 (5) of Act No.131/2002 Coll. on Higher Education and on Amendments and Supplements to Certain Acts, as amended (hereinafter referred to as the Higher Education Act). TU in Zvolen (hereinafter referred to as "TU") or its faculty, provides doctoral studies in registered fields of study (Section 50(3) of the Higher Education Act) according to accredited study programmes (Section 51(1), Section 54(1) and Section 83(1) of the Higher Education Act).
- (2) Doctoral studies are conducted in full-time and part-time form. Students in the full-time form of doctoral studies are granted a scholarship (Section 54(18) of the Higher Education Act).
- (3) The full-time form of doctoral studies may also be carried out with the use of the doctoral student's own funds or funds from other sources, e.g. various grants, etc.
- (4) Doctoral studies are conducted according to an individual study plan under the guidance of a supervisor. It takes place at the university or faculty (training centre) or at an external educational institution with which the university or faculty has concluded an agreement on doctoral studies (hereinafter referred to as an external educational institution (Section 54(12) of the Higher Education Act)) and with which it concludes an individual agreement for each doctoral student.
- (5) Standard length of study for a doctoral study programme
 - (a) in the full-time form of study, three or four academic years; the number of credits, the achievement of which is a prerequisite for the proper completion of studies, for a full-time doctoral study programme with a standard length of study
 1. three academic years is 180 credits,
 2. four academic years is 240 credits,
 - (b) in the extramural form of study, four or five academic years; the number of credits, the achievement of which is a prerequisite for the proper completion of studies, for a doctoral study programme with a standard length of study
 - The 1st four academic years is 180 credits,
 2. five academic years is 240 credits.
- (6) The university or faculty shall establish by a special regulation (Section 54 (17) of the Higher Education Act; (TU - Organizational Directive No. 3/2005 Establishment of the Doctoral Study Branch Committee and Appointment of its Members)) for each field of study a branch committee that monitors and evaluates doctoral studies. The University may agree with another university or an external educational institution to set up a joint disciplinary committee (hereinafter referred to as the disciplinary committee). If the doctoral programme is delivered in cooperation with an external educational institution, that institution shall be adequately represented on the doctoral committee.
- (7) The specialised committee is appointed by the Rector on the proposal of the University's Scientific Board, or by the Dean on the proposal of the Faculty's Scientific Board if the study programme is carried out at the Faculty or at an external educational institution with which the University has agreements pursuant to Article 21(3). The Trade Union Committee shall consist of a chairperson and at least four other members. At least one of the members of the committee must hold the academic title of professor or the academic title of doctor of science or be a researcher with a qualification level I. The other

members may be associate professors, visiting professors, visiting assistant professors until the end of their term of office pursuant to Section 113a(6) of the Higher Education Act, staff members with the academic title PhD or ArtD (or the older equivalent CSc., Dr.), or qualified practitioners who have been awarded this academic title (or its older equivalent).

PART TWO

STUDY PART OF DOCTORAL STUDIES

Article 22

Admission to doctoral studies

- (1) The rector or the dean, if the study programme is carried out at a faculty, shall announce at least two months before the last day for the submission of applications for doctoral studies the topics of the dissertations for which applications may be submitted in the admission procedure; if the topics are announced by an external educational institution, the name of this institution shall also be indicated. The topics proposed by the external training institution shall be subject to the approval of the relevant training institute. For each topic advertised, the title of the field of study, the programme of study, the name of the supervisor, the form of study (full-time, part-time) and the deadline for applications shall be indicated. The topics of the dissertation, together with the above-mentioned particulars, are published on the official notice board and in a mass manner in accordance with a special regulation (Section 57(5) of the Higher Education Act and Act No 211/2000 Coll. on free access to information and on amendment and supplementation of certain Acts (Act on Freedom of Information)).
- (2) In the application form for doctoral studies, the applicant shall indicate:
- a) first and last name, maiden name, titles, birth number, date and place of birth, marital status, place of permanent residence, sex and citizenship of the student and the first name, last name and maiden name of the student's parent; in the case of a foreigner, also the place of residence in the Slovak Republic,
 - (b) details of previous employment or current employment,
 - c) the selected study programme in the field of study and the selected dissertation topic,
 - d) the chosen form of doctoral studies,
 - (e) details of educational attainment, including merit, and the results of any leisure activities related to the study programme for which the applicant is applying.
- (3) The application form shall be accompanied by:
- a) CV,
 - (b) a copy of the proof of payment of the admission fee,
 - c) certified photocopies of evidence of graduation (university diploma, state examination certificate, diploma supplement),
 - d) a list of professional and scientific (artistic) works published to date,
 - e) confirmation of the applicant's professional experience for full-time studies,
 - f) a framework project on the topic of the dissertation.
- (4) The rector or the dean, if the study programme is carried out at the faculty, shall invite the applicant to the entrance examination at least 14 days before the examination, and shall also inform him/her of the content of the examination. The content of the entrance examinations for individual study programmes shall be determined by the relevant departmental committee.
- (5) The entrance examination shall be held before an admissions board of at least three members.

The admissions committee consists of a chairperson and at least two members appointed by the rector or dean on the proposal of the chairperson of the departmental committee, if the study programme is carried out at the faculty. If the admission procedure is for an applicant to a subject offered by an external educational institution, a representative of the external educational institution shall also be a member of the admissions committee. A potential supervisor may be invited to the entrance examination and in such a case shall become a member of the admissions board.

- (6) The Admissions Board shall evaluate the result of the admission examination in closed session. If several candidates have applied for one subject, it shall determine their ranking according to the success rate of the entrance examination. In determining the ranking, the extent and quality of the applicant's previous professional publication activity and the results of his/her other professional activities (e.g. results in student scientific and professional thesis competitions), etc., shall also be taken into account. It will also determine the ranking of all successful applicants.
- (7) A record of the result of the entrance examination shall be made. The committee shall submit a proposal for the admission of the successful candidate to the rector or the dean, if the study programme is carried out at the faculty. In the case of a subject offered by an external educational institution, the Dean must approve the admission of the applicant.
- (8) The rector or the dean, if the study programme is implemented at the faculty, shall decide on the basis of the results of the admission examination on the admission of the applicant within 30 days from the date of the admission examination. If the decision on the admission of the applicant is made, the decision shall also include the name of the supervisor of the dissertation topic. In addition to the above, the written decision shall contain a statement of the reasons for the decision, an indication of the possibility of applying for a review of the decision and shall be delivered to the applicant in his/her own hand. A candidate who has received a decision not to accept the doctoral programme may submit a request for a review of that decision. The application shall be lodged with the authority which issued the decision within 8 days of the date of receipt of the decision. Further proceedings on this application shall be governed by the relevant provisions of the Higher Education Act (Section 58(8) of the Higher Education Act).
- (9) An admitted applicant becomes a student of doctoral studies on the date of enrolment, the date of which is determined by the Rector or the Dean if the study programme is carried out at the faculty.
- (10) In accordance with Section 59 (4) to (6) of the Higher Education Act, the dean (in the case of university study programmes, the rector) may permit the enrolment of a doctoral student who has been admitted to study a third-degree study programme in the same field of study or in a related field of study at another higher education institution if he or she requests it in writing, usually before the beginning of the semester. Before doing so, he/she shall request the written opinion of the supervisor of the study programme to which the doctoral student is applying, who shall assess the course of study to date and the capacity of the study programme.

Article 23

Study schedule

- (1) Doctoral studies are carried out in an accredited study programme according to an individual study plan.
- (2) The individual study plan consists of a study and a scientific part, it is compiled by the supervisor via the University Information System (UIS) and approved by the departmental committee (Section 54 (8) of the Higher Education Act). The individual study plan shall

include a set of study part activities, in particular enrolled courses, seminars, scheduled examination dates and allocated credits, individual study of literature, tasks related to the performance of teaching activities, and a set of scientific part activities, in particular tasks related to individual or team scientific work, participation in scientific projects, activities, etc. The individual study plan also includes a deadline for the dissertation examination and a list of required and recommended readings.

- (3) Part of the full-time doctoral studies is the performance of pedagogical activities or other professional activities related to pedagogical activities to the extent of no more than four hours per week on average per academic year in which the teaching takes place (Section 54(11) of the Higher Education Act).
- (4) The length of doctoral studies is determined by the accredited study programme.
- (5) The dean of the faculty (in the case of university study programmes, the rector) shall determine the schedule of the academic year for doctoral students in the full-time form of doctoral studies, which may be divided into several parts, for a total of 8 weeks in one academic year. Holidays may not be carried over to the next academic year.

Article 24

Rights and obligations of a doctoral student

- (1) The rights of the student are determined in the provisions of Section 70 of the Higher Education Act.
- (2) Other rights of a full-time student are in particular:
 - a) the right to suitable working conditions for study, scientific and pedagogical work,
 - b) the right to 8 weeks of holidays in the academic year (Art. 23 para. 5),
 - c) the right to use SLDK services,
 - d) the right to a scholarship (Section 54(18) of the Higher Education Act),
 - e) the right to meals in the TU canteen, including the meal allowance,
 - f) the right to accommodation in the ŠD T according to the possibilities and conditions of the TU.
- (3) The student's obligations are specified in the provisions of Section 71 of the Higher Education Act.
- (4) Other duties of a full-time student are mainly:
 - a) observe the time allocated for the scientific and study part of the doctoral studies,
 - b) comply with the conditions of the study programme and the individual study plan and regularly, at least once a month, submit to the supervisor a report of the work performed (work performance),
 - c) to carry out teaching or other professional activity related to teaching in the scope of no more than 4 hours per week on average per academic year in which the teaching takes place (§ 54 (11) of the Higher Education Act),
 - d) to protect and make economical use of the property, resources and services of TU Zvolen,
 - e) to fulfil the instructions of the supervisor and the head of the training unit, related to the curriculum and the tasks of the unit,
 - f) upon termination or interruption of studies, to withdraw from the accommodation in the ŠD (if the student has been accommodated),
 - g) to record his/her presence at the training site, including obstructions to work,
 - h) request in writing to the head of the training centre to take a leave of absence,
 - i) document absence from the training site without delay and no later than 3 working days.

Article 25

Attendance of full-time doctoral students and its recording

- (1) The doctoral student is obliged to be at the place of his/her placement according to the requirements and instructions of his/her supervisor and the head of the department of the relevant faculty (director of the part) of TU in Zvolen. The minimum basic time of stay is from 9:00 a.m. to 2:00 p.m., with the total time not exceeding 37.5 hours per week.
- (2) The department (institute) of the TU keeps records of the doctoral student's stay outside his/her place of work, while his/her full-day or multi-day absence must be approved by the doctoral student's supervisor and the head of the department (director of the unit) of the TU.
- (3) The presence or absence (with the reason) of a doctoral student at his/her place of work, which results from the individual study plan of the doctoral student, is recorded and archived by the department (part) of the TU and the relevant study department.
- (4) Attendance records of doctoral students are kept electronically via a smart card. The control of the doctoral student's attendance is carried out by the head of the training centre or the head of the department (director of the unit) of TU, or an employee authorised by them.

Article 26

Credit system for doctoral studies and evaluation of learning outcomes

- (1) The credit system is applied in all forms of doctoral studies.
- (2) Credits are the units of a doctoral student's workload and in doctoral studies they are defined analogously to bachelor's and master's studies.
- (3) The standard workload of a doctoral student during the academic year is considered to be the performance of activities corresponding to 60 credits. The standard workload of a student for a full academic year in the external form of study is expressed as a maximum of 48 credits, depending on the standard length of the relevant study programme and the number of credits required for its proper completion.
- (4) The doctoral student earns credits for the following activities during his/her studies:
 - a) completion of the study part, which consists mainly of specialized doctoral lectures and seminars according to the doctoral student's study plan. The study part ends with the completion of the dissertation examination. The doctoral candidate shall be awarded at least 20 credits for successful completion of the dissertation examination. In addition, the doctoral student has the possibility to enrol in compulsory electives and elective courses offered in his/her study programmes, in particular in the Master's and Engineer's degree programmes of the faculty, if he/she has not already taken them in the previous level of higher education. The study of these subjects and the individual study of scientific and professional literature do not replace the attendance of compulsory lectures and seminars specified in the doctoral student's study plan or the performance of teaching activities at the university or faculty;
 - b) independent creative activity in the field of science (publications, completion of a defined stage in their own research work, presentations at departmental seminars, etc.);
 - c) the performance of teaching activities at the college or faculty (e.g. conducting practical classes, etc.) of no more than 4 hours per week on average during the academic year in which the teaching takes place;
 - d) preparation of the dissertation; if the dissertation is accepted for defence, the doctoral student receives 30 credits.
- (5) The number of credits for the activities referred to in paragraph 4(a), (b) and (c) may be determined by the University's Scientific Board or the Faculty's Scientific Board if the study programme is carried out at the Faculty.

- (6) Examples of assessed activities with their proposed credit rating are given in the Annex. The number of credits for individual activities of the doctoral student cannot fall below the minimum values and cannot be higher than those indicated in the annex. A doctoral student may not receive more credits for multiple completion of a single activity than the upper limit for that activity indicated in the Annex.
- (7) The activities referred to in paragraph 4 shall be mutually irreplaceable. A doctoral student shall be obliged to obtain at least 40 credits under paragraph 4(a) and 40 credits under paragraph 4(b) during his/her studies.
- (8) If a doctoral student has completed part of his/her studies at a workplace other than his/her own (e.g. abroad), the credits obtained at this workplace are fully counted if he/she has been seconded to this workplace in the framework of the fulfilment of his/her study plan and if the credit systems of the sending and receiving workplace are compatible (transfer of credits).
- (9) If there is a change of training centre or a change of study programme (Section 70 (1) (l) of the Higher Education Act), the doctoral student may be credited with the credits previously earned if this is in accordance with his/her new study plan.
- (10) A doctoral student who has come from a workplace that does not have a credit-based system of study may be allocated an adequate number of credits according to its system (credit allocation) by the new training workplace at the university or faculty. The new training institute may, if necessary, require the doctoral student to obtain additional credits for the activities he/she requires, e.g. for the completion of differential courses completed by examination.
- (11) The rector or the dean, if the study programme is carried out at the faculty, shall decide on the transfer or on the award of credits (pursuant to paragraphs 8 and 10), after the opinion of the union committee.
- (12) In the full-time form of doctoral studies, a doctoral student must obtain a minimum of 45 credits for his/her progression from the first to the second year of study and a minimum of 52 credits per academic year for his/her progression from the second to the third year of study, taking into account the recommended credit structure. In the external form, the doctoral student must obtain a minimum of 25 credits for his/her progression from the first to the second year of study and 30 credits per academic year for his/her progression from the second to the third year of study.
- (13) The credits obtained are entered by the supervisor into the UIS by the end of the academic year at the latest and are included in the doctoral student's annual evaluation. The course supervisor shall enter the result of the PhD student's examination in the UIS no later than 5 working days after the examination date.
- (14) Failure to comply with the conditions referred to in paragraph 12 shall be grounds for the supervisor to submit a proposal to the Rector or the Dean, if the study programme is carried out at the faculty, for the exclusion of the doctoral student from the study in the annual evaluation.
- (15) In both full-time and part-time doctoral studies, a doctoral student may apply for the dissertation examination if he/she obtains 70 credits and no earlier than 12 months after his/her admission to the doctoral studies.
- (16) A successful full-time and part-time doctoral graduate must obtain the minimum number of credits specified in Article 21(5), including the credit evaluation of his/her dissertation. Once the doctoral student has obtained 150 credits (in the case of a 180-credit programme) or 210 credits (in the case of a 240-credit programme) during the course of his/her studies, after fulfilling the conditions prescribed by the programme of study and after the supervisor has recommended that the doctoral student's doctoral thesis be accepted for defence, he/she may apply for permission to defend it.

Article 27

Trainer

- (1) The function of supervisor for a given study programme may be performed by teachers of the university at which the doctoral study is carried out and by other experts after approval by the scientific board of the university or faculty if the doctoral study is carried out at the faculty (Section 54(4) of the Higher Education Act).
- (2) Trainers approved by an external educational institution which has obtained the right to participate in the implementation of the study programme pursuant to Section 86 of the Higher Education Act may act as trainers for the topics prescribed by that institution. The external training institution shall provide the university or faculty's scientific and pedagogical characteristics of its trainers to the scientific board of the university or faculty (Section 54(4) of the Higher Education Act).
- (3) Trainer:
 - a) professionally supervise the doctoral student during the doctoral studies,
 - b) draws up an individual study plan for the doctoral student and submits it to the specialisation committee for consideration and, after its opinion, to the rector or dean for approval, if the study programme is carried out at the faculty,
 - c) manages and professionally supervises the doctoral student's study and research plan and controls the fulfilment of his/her teaching activities,
 - d) determines the focus of the dissertation project and refines its topic together with the doctoral student,
 - e) award the doctoral student a specified number of credits for the completed stages of individual study of scientific literature, for the completed stages of the scientific part of his/her study plan, and for his/her dissertation, if it has been accepted for defence (No 26(4)),
 - (f) comment on the transfer of credits,
 - g) submits to the Rector or the Dean, if the study programme is carried out at the faculty, an annual evaluation of the doctoral student,
 - h) submits to the rector or dean, if the study programme is carried out at the faculty, a proposal for the exclusion of a doctoral student from doctoral studies and expresses an opinion on the doctoral student's request for interruption of studies,
 - i) propose to the Rector or Dean, if the study programme is carried out at the faculty, a study stay of a doctoral student in other domestic or foreign institutions of science, education, research, technology or art,
 - j) prepares the dissertation report and the working characteristics of the entrusted doctoral student,
 - k) propose to the Rector or Dean, if the study programme is carried out at the faculty, to entrust a supervisor - specialist to lead specific parts of the doctoral student's scientific programme of study,
 - (l) arrange for consultation with other experts as necessary,
 - m) is a member of the doctoral dissertation examination committee and participates in the defence of the doctoral dissertation.

Article 28

Doctoral student's study plan

- (1) The doctoral student's study plan is drawn up as an individual study plan.
- (2) The study plan of a doctoral student consists of a study part, which ends with the dissertation examination, a scientific part and the defence of the dissertation. Part of the full-time doctoral studies is the performance of pedagogical activities or other professional activities related to pedagogical activities. In the case of a doctoral candidate who is registered for a dissertation topic written by an external educational institution, the agreement of the university or faculty, if the study programme is carried out at a faculty, with that institution shall include where and how the study part of the plan and the doctoral candidate's teaching activity will be carried out.
- (3) The study part of the doctoral student's study plan consists mainly of participation in lectures, seminars and individual study of literature focused on the content of the dissertation. The individual study of literature may be divided into stages, which are concluded by the supervisor by awarding a specified number of credits. The doctoral student's study plan shall include a list of courses to be taken by the doctoral student, a list of dissertation examination courses selected from a list approved by the dissertation committee, and a list of required and recommended readings to be studied by the doctoral student as part of his or her individual preparation for the dissertation examination. The subjects approved by the thesis committee form the core of the relevant study programme. The doctoral student's study plan shall also include the dates by which the doctoral student is to complete the individual subjects and the dissertation examination.
- (4) The scientific part of the doctoral student's study plan consists of individual or collective (team) scientific work of the doctoral student, focused on the topic of the doctoral thesis. The doctoral student's study plan specifies the topic of the dissertation, which may be specified by the supervisor after the dissertation examination has been passed and with the consent of the rector or the dean, if the study programme is carried out at the faculty.
- (5) The study plan is approved by the departmental committee and the rector or dean if the study programme is implemented at the faculty.

Article 29

Annual evaluation of the PhD student

- (1) The supervisor shall submit to the rector or the dean, if the study programme is carried out at the faculty, by 31 August at the latest for the relevant academic year, an annual evaluation of the doctoral student's fulfilment of the study plan, with a statement as to whether or not he or she recommends the doctoral student's continuation of his or her studies. In doing so, the supervisor assesses the status and level of the doctoral student's study plan, compliance with deadlines and, if necessary, submits a proposal for modification of the doctoral student's study plan. The rector or the dean, if the study programme is carried out at the faculty, decides on the basis of the doctoral student's annual evaluation whether the doctoral student may continue his/her studies and also on any changes to his/her study plan. In the case of major changes in the study plan, the approval of the departmental committee is required.

Article 30

Dissertation Examination

- (1) A doctoral student in the full-time form of doctoral studies shall register for the dissertation examination no later than 18 months after the beginning of the study, a doctoral student in the external form no later than three years after the beginning of the study. The doctoral

student is obliged to submit a written thesis prepared for the dissertation examination together with the application for the dissertation examination. Approval for the dissertation examination is subject to the award of at least 70 credits (No 26(15)).

- (2) The written thesis for the dissertation examination consists of a thesis (project) containing an outline of the theoretical foundations of its future solution, the current state of knowledge on the topic and an analysis of the methodological approach to solving the problem. As a rule, the dissertation project should not exceed 4 author's sheets. The written thesis for the dissertation examination shall be reviewed by one referee.
- (3) The opponent of the written thesis for the dissertation examination may be an expert with at least the academic degree of PhD. or ArtD., (or an older equivalent), or the scientific rank of DrSc., a researcher with the awarded qualification degree I and II and who does not work at the doctoral student's workplace and does not have any joint publications with the doctoral student.
- (4) The dissertation examination is one of the state examinations. The dissertation examination consists of a part consisting of a debate on the written thesis for the dissertation examination and a part in which the doctoral candidate has to demonstrate theoretical knowledge in the specified subjects of the dissertation examination. Doctoral candidates may also take examinations in individual subjects of the dissertation examination during the study part of the doctoral studies before the dissertation examination, at the suggestion of the supervisor and after approval by the relevant field committee. In such a case, the examination is held before the committee in the presence of the subject supervisor, the supervisor and two other members of the relevant subject committee. If the supervisor is also the course leader, he or she shall assume the role of examiner. In other cases, for examinations outside the list of subjects of the dissertation examination, the examinations may be conducted only in the presence of the subject supervisor. Examinations of individual subjects are assessed according to the ECTS grading scale.
- (5) The dissertation examination shall be held before a committee of at least four members. It consists of the chairperson, at least two other members (examiners) and the opponent of the written thesis for the dissertation examination. At least one member of the examination board shall not be from the training institute. The chairperson and the other members of the examination committee shall be appointed by the rector or the dean, if the study programme is carried out at the faculty, on the basis of a proposal by the chairperson of the specialised committee. The right to sit for the state examination shall be granted only to university teachers serving as professors and associate professors and other experts approved by the relevant scientific council. the doctoral supervisor shall also participate in the dissertation examination, without the right to vote on the result of the examination. If the topic has been written by an external educational institution, one member of the committee shall be from that external educational institution.
- (6) A valid decision on the result of the dissertation examination requires the presence of a supermajority of the members of the examination committee, and all designated examiners must be present. If one of the examiners is unable to attend the examination for serious reasons, the Rector or the Dean, if the study programme is carried out at the faculty, shall decide on his/her representation with the consent of the chair of the examination committee. The result of the examination shall be decided by the committee in a closed session by a majority vote of the members present. In the event of an equality of votes, the chairperson's vote shall prevail.
- (7) The overall result of the dissertation examination shall be evaluated by the committee comprehensively by the expression "pass" or "fail".

- (8) The dissertation examination shall be reported in minutes, which shall also include the opinion of the opponent of the written thesis. The minutes shall be signed by the chairperson and the members of the committee present.
- (9) The training institute shall issue a written certificate to the doctoral student about the completion and result of the dissertation examination.
- (10) If a doctoral student is unable to attend the dissertation examination on the appointed date for serious reasons and apologises in advance to the chairperson of the examination committee, the chairperson may appoint an alternative date for the doctoral student. Withdrawal from the examination or unexcused absence of the doctoral student from the examination shall be evaluated by the statement "failed".
- (11) A doctoral student who has failed the examination may repeat the examination only once, not earlier than after a period of three months. Repeated failure in the dissertation examination shall be grounds for expulsion from doctoral studies.

PART THREE DISSERTATION

Article 31

Application for permission to defend the dissertation

- (1) A doctoral student may apply to the Rector or the Dean, if the study programme is carried out at the faculty, for permission to defend his/her dissertation if he/she has obtained at least 150 credits (in the case of a 180-credit study programme) or 210 credits (in the case of a 240-credit study programme) without counting the credits allocated for the acceptance of the dissertation for defence and has documented the submission of a scientific publication for the review process in a journal of the Web of Science database with an impact factor or an accepted application for industrial property rights. The application shall be submitted in sufficient time for the defence of the dissertation to take place before the end of the standard period of study (No 23(4)), or at the latest within two years of its expiry (Section 65(2) of the Higher Education Act).
- (2) The doctoral student shall attach to the application:
 - a) the dissertation in four copies,
 - b) self-report (20 pcs),
 - c) curriculum vitae,
 - d) the supervisor's opinion, which includes in particular an evaluation of the doctoral student's contribution to the acquisition of new knowledge in science, the possibilities of its application and the doctoral student's working characteristics,
 - e) a list of published works with full bibliographic data and unpublished scientific works or public and non-public exhibitions of the doctoral student's artistic works and performances as well as their reviews,
 - f) justification of the differences between the original dissertation and the submitted dissertation, if the doctoral student submits a new dissertation in the same field of doctoral study after an unsuccessful defence.

Article 32

Essentials of a dissertation

- (1) The doctoral candidate submits his/her dissertation for defence in the Slovak language. With the consent of the chairperson of the thesis committee, he/she may also submit the dissertation in one of the world languages.

- (2) A doctoral student may submit as a dissertation also his/her own published work or a set of his/her own published works, which elaborate the topic of the dissertation in terms of their content. If the doctoral candidate submits a set of his/her own publications, he/she shall supplement it with a detailed introduction in which he/she explains the current state of the issue, the objectives of the dissertation and the conclusions that have been drawn from the dissertation topic. If the enclosed publications are the work of several authors, the doctoral candidate shall also enclose a statement by the co-authors of his/her authorship.
- (3) The dissertation has the character of an original scientific thesis, it usually contains a theoretical introduction, which analyses the current state of knowledge in the given subject, a description of the objectives, a detailed description of the procedures used (methods of work, material), the results obtained, their evaluation, discussion, conclusion and a list of the literature used.
- (4) If the dissertation is part of a collective work, the doctoral student shall present his/her own results and put them in context with the results of the other members of the collective in the discussion.
- (5) As a rule, the dissertation should not exceed 8 author's sheets. The number of author's sheets does not include figures, diagrams, tables, etc., which may be included in an appendix, nor the list of literature used.
- (6) The dissertation shall be submitted in printed form in hardcover and in electronic form in accordance with the TU internal regulation on thesis and habilitation theses, which regulates the requirements, the method of bibliographic registration, originality control, storage and access to dissertations at TU. The doctoral student is obliged to submit the dissertation in electronic form by uploading it to the UIS.
- (7) The deliberate use of any material that has been previously published by another author without clearly identifying such material by the use of quotation marks, citation, or other appropriate referencing method (plagiarism) is a violation of the rules of academic ethics and is unacceptable in the writing of a dissertation.

Article 33

Dissertation abstract

- (1) The doctoral student prepares an autorefstract of the dissertation, which is a brief summary of the achieved results, contributions and data on its response. If the dissertation is a collection of his/her own published works, a list of them shall be included in the abstract. The length of the abstract shall be no more than 1.5 author's sheets.
- (2) A list of all published works of the doctoral student, which are related to the examined problem, as well as responses to them with bibliographic data, a list of used literature and a summary in at least one world language, shall be a part of the autoreferee's abstract.
- (3) The self-report shall be sent to the opponents, members of the trade union committee, relevant departments according to the instructions of the chairman of the trade union committee and the head of the training department.

Article 34

Preparation of dissertation defence

- (1) Upon receipt of an application for permission to defend the doctoral thesis, the rector or the dean, if the study programme is carried out at the faculty, shall forward the doctoral student's application together with the doctoral thesis, which contains the elements pursuant to Article 32, to the specialised committee within 15 days. Within 30 days, the thesis committee, represented by the chair of the thesis committee, shall state whether the thesis meets the requirements in terms of its level and form and whether it recommends it

- for defence. If its opinion is positive, it shall at the same time propose to the Rector or the Dean, if the study programme is carried out at the Faculty, the composition of the defence committee. The chair of the thesis committee shall take responsibility for ensuring that the thesis meets all the requirements before forwarding it for consideration.
- (2) If the submitted dissertation is of an interdisciplinary nature, the rector or the dean, if the study programme is carried out at a faculty, shall submit the application and the doctoral dissertation of the doctoral student pursuant to paragraph 1 for the opinion of the disciplinary committee in the field in which the results of the submitted work are to make a major contribution and in which the doctoral student is to be awarded the academic degree of "Doctor" (philosophiae doctor, abbreviated as "PhD." or artis doctor, abbreviated as "ArtD."). The thesis committee shall also nominate as members of the thesis defence committee and as referees representatives of another discipline or disciplines in which the thesis makes a significant contribution, in agreement with the thesis committee concerned.
 - (3) If the subject-matter committee, represented by the chairperson, finds that the doctoral student's application for permission to defend the doctoral thesis or the doctoral thesis itself does not comply with the requirements of Article 31 or 32, it shall invite the doctoral student to remedy the deficiencies within a specified period of time.
 - (4) If the departmental committee, represented by the chairperson, finds that the dissertation does not meet the requirements under Article 32, it shall recommend that the doctoral student withdraw the dissertation. If the doctoral student disagrees with this opinion, the departmental committee shall propose to the rector or the dean that the doctoral thesis be defended.
 - (5) The rector or the dean, if the study programme is carried out at the faculty, shall appoint the chairperson of the dissertation defence committee, its other members and opponents no later than 30 days after receiving the opinion of the thesis committee. It shall send the dissertation to the appointed referees together with a request for an opinion.
 - (6) After receiving all the opinions from the opponents, the rector or the dean, if the study programme is carried out at the faculty, shall forward the doctoral student's application for the defence of the doctoral thesis together with all the requisites, including the opinions of the opponents, to the chair of the defence committee within 15 days.
 - (7) The chairperson of the defence committee shall, no later than 15 days after receiving the materials under the preceding paragraph, propose to the rector or the dean, if the study programme is carried out at the faculty, the time and place of the defence of the dissertation. The place and time of the defence shall be determined by the Rector or the Dean, if the study programme is carried out at a faculty.
 - (8) The rector or the dean, if the study programme is carried out at the faculty, shall immediately invite in writing the participants - members of the specialised committee and the defence committee, the opponents, the supervisor and the doctoral student - to the defence and shall publish a notice of the defence as well as information on where and how the candidates can get acquainted with the dissertation on the official notice board and in a mass manner in accordance with a special regulation.
 - (9) Anyone who is interested in the subject under study and the defence of the dissertation may submit his/her opinion or statement to the chairman of the defence committee no later than one week before the defence, or may make his/her remarks orally at the defence, unless the defence has been declared closed. At the defence of the doctoral thesis, the doctoral student shall take a position on such opinions or remarks.
 - (10) The defence of the dissertation may also take place in the case of one negative opinion. If there are several negative opinions, the defence may be held only after the deficiencies in the opinions have been eliminated and the dissertation has been reassessed.

Article 35

Dissertation opponents and testimonials

- (1) The rector or the dean, if the study programme is carried out at the faculty, appoints opponents on the basis of a proposal by the chair of the specialisation committee, which is preceded by their approval by the specialisation committee. The proposal of the referees may be based on the proposal of the supervisor. The referees shall be selected from among experts in the field of study of the doctoral programme.
- (2) The dissertation is assessed by three opponents. At least one opponent must be from another institution. At least one opponent must be a holder of the scientific-pedagogical title of professor (to hold the post of professor), or be a holder of the scientific degree of doctor of sciences, or a researcher with the qualification degree I. Other referees may be holders of the scientific-pedagogical title of Associate Professor (holds the post of Associate Professor), eminent experts in the capacity of Visiting Professor, Visiting Associate Professor, or staff with the academic title of PhD or ArtD, or an older equivalent of an academic title, or qualified experts from practice.
- (3) The provisions of Article 34(2) shall apply to the nomination of opponents for the defence of a dissertation of an interdisciplinary nature.
- (4) As a rule, the referee cannot be a co-author of the doctoral student's publication, a member of the doctoral student's family, a direct supervisor or subordinate in an employment or similar employment relationship, or any other member of staff from the doctoral student's or supervisor's workplace.
- (5) The examiner shall submit his/her written opinion to the Rector or the Dean, if the study programme is carried out at the faculty, and return the dissertation no later than 30 days after its receipt. If the referee is unable to produce the report, he/she shall notify the Rector or the Dean within 14 days from the date of receipt of his/her appointment.
- (6) If the opponent fails to submit his/her report within the time limit under subsection 5 and fails to do so even 14 days after receiving the reminder, the rector or the dean, if the study programme is carried out at the faculty, shall appoint a new opponent.
- (7) The opponent's opinion contains an objective and critical analysis of the merits and shortcomings of the submitted dissertation, is brief and does not repeat the content. In particular, the opinion of the opponent shall:
 - a) the topicality of the chosen topic,
 - (b) the chosen processing methods,
 - c) on the results achieved, indicating what new knowledge the dissertation brings,
 - (d) to contribute to the further development of science, technology or the arts,
 - e) whether the dissertation has fulfilled its objective.In the conclusion, he/she shall clearly state whether or not, on the basis of the submitted dissertation, he/she proposes the award of the academic degree of PhD or ArtD..
- (8) The supervisor shall submit a written report on the dissertation to the training institute no later than within 1 week of the doctoral student's application for permission to defend the dissertation.

Article 36

Defence of the dissertation

- (1) The defence of the doctoral thesis is one of the state examinations and must be carried out in the last month of the last academic year of the doctoral student's standard length of study. The defence of the dissertation at the extra-standard length of study must take place at the latest within two years of the expiry of the standard length of study. During this period, the full-time doctoral student is not entitled to a stipend, continues to fulfil his/her obligations at his/her place of employment and pays the tuition fees for exceeding the standard length of study.
- (2) Only university teachers acting as professors and associate professors and other experts approved by the relevant scientific council have the right to sit for the state examination. The dissertation defence committee shall consist of a chairperson and at least three other members and opponents. The chairperson and at least two members shall be appointed from among the members of the thesis committee. At least one member of the committee must be from another institution. The PhD student's supervisor shall also participate in the defence, without the right to vote. The doctoral thesis defence committee shall be appointed by the Rector or the Dean, if the study programme is carried out at the faculty, within 30 days after receipt of the proposal for its members. The proposal shall be submitted by the chair of the thesis committee.
- (3) The rector or the dean, if the study programme is carried out at a faculty, shall ensure that the defence of the dissertation is carried out within five months of the application for its authorisation.
- (4) The chair of the defence committee shall send the opinions of the opponents to the members of the committee, including the supervisor, the doctoral student and the department at which the study programme was carried out.
- (5) The defence of the dissertation is public; in exceptional cases, the Rector or the Dean, if the study programme is carried out at the faculty, may declare it to be closed.
- (6) The dissertation defence takes place in the form of a scientific debate. The doctoral candidate shall present the content of his/her dissertation, results and contributions. The opponents shall present their opinions on which the doctoral candidate shall take a position. In the debate, the correctness, validity and scientific originality of the knowledge contained in the dissertation shall be verified.
- (7) The defence may only take place in the presence of at least two thirds of the number of members of the defence committee entitled to vote, including at least two opponents. In the case where the topic has been announced by an external educational institution, one member of the committee shall be from that external educational institution. The negative referee must be present at the defence.
- (8) If a doctoral student is unable to attend the defence on the appointed date for serious health reasons, he/she shall apologise in advance to the Rector or the Dean, if the study programme is carried out at the faculty, and also to the chairperson of the defence committee. In such a case, the rector or the dean, if the programme of study is carried out at the faculty, shall, in agreement with the chair of the defence committee, set an alternative date for the defence and notify the participants of the date of the defence in accordance with Article 14(7).
- (9) Minutes of the defence shall be written and signed by the chairman of the defence committee.
- (10) After the defence, a closed meeting of the defence committee shall be held, which shall be attended by its members, including the opponents and the supervisor. The closed meeting shall evaluate the course and result of the defence and the possibility of using the results of the dissertation in practice. The committee and the opponents shall decide by secret ballot

- by a majority vote of the members present whether to propose the award of the doctoral degree to the doctoral candidate.
- (11) The result of the vote with the reasons shall be announced by the chairman of the Commission at a public meeting of the Commission.
 - (12) The defence committee shall submit the proposal for the award or non-award of an academic degree to a doctoral student, together with the minutes and the doctoral student's file, to the rector or the dean within 15 days of the date of the defence, if the study programme is carried out at the faculty.
 - (13) A doctoral student who, on the basis of the result of the dissertation defence or because of his/her unexcused absence from the defence, has been proposed by the defence committee not to be awarded an academic degree, shall be given an alternative date in writing by the Rector or the Dean for the defence of his/her dissertation in the same study programme.
 - (14) The defence of the dissertation may be repeated only once, at the latest within two years of the expiry of the standard length of studies.

Article 37

Deciding on the award of an academic degree

- (1) The proposal of the dissertation defence committee for the award or non-award of the academic degree "Doctor" (Section 54 (15) and (16) of the Higher Education Act) to a doctoral graduate, as well as the documentation on the defence and the complete material of the doctoral student, is assessed by the rector or the dean if the study programme is carried out at the faculty.
- (2) If the study programme is carried out at the faculty and if the defence committee has proposed to award the degree to the doctoral student, the dean shall forward the materials to the rector with a proposal to award the academic degree to the doctoral student.
- (3) The academic title "doctor" ("philosophiae doctor", abbreviated "PhD.", "artis doctor", abbreviated "ArtD.") is awarded by the Technical University of Zvolen.
- (4) The Rector shall send the doctoral student a written notification of the award or non-award of the academic degree.

Article 38

Evidence of graduation

- (1) The documents of completion of the doctoral study programme are the university diploma, the state examination certificate and the supplement to the diploma (Section 68 of the Higher Education Act).
- (2) The documents of graduation are handed over to the doctoral graduate according to the traditions and customs of TU Zvolen.

Article 39

Change of doctoral study programme

- (1) A student has the right to change the study programme within the same field of study or combination of fields of study under the conditions specified in the study regulations (Section 70, Paragraph 1, Letter l of the Higher Education Act). A change of supervisor or supervisor's workplace may be made during the doctoral studies in justified cases, especially if this creates more favourable conditions for the fulfilment of the doctoral student's study programme.

- (2) A doctoral student may apply to the Rector or the Dean for a change of the doctoral study programme, supervisor or training institution for reasons of good cause.
- (3) The Rector or the Dean, if the study programme is carried out at the faculty, decides on the change of the doctoral study programme, supervisor or training centre on the basis of the application of the doctoral student and after the opinion of the supervisor and the field committee.
- (4) The proportionate part of the duration of the completed study programme prior to the change of the form or study programme of the doctoral study shall be included in the time of the doctoral study.
- (5) When changing the study programme, the Rector or the Dean, if the study programme is carried out at the faculty, may, on the basis of the recommendation of the specialisation committee, decide to recognise the doctoral dissertation examination of the doctoral student and the courses of the study part that he/she has taken before this change.

Article 40

Interruption and termination of doctoral studies

- (1) A doctoral student may apply for interruption of his/her doctoral studies in both standard and extra-standard length of study on the grounds of maternity leave, health reasons, on the grounds of his/her study stay abroad which is not part of his/her individual study plan, or other serious reasons. During the interruption of studies, the doctoral student loses his/her rights and obligations as a student.
- (2) Interruption of studies is authorised by the Rector or the Dean if the study programme is carried out at the faculty. In the case of a doctoral student who has applied for a dissertation topic written by an external educational institution, he/she shall do so only after the statutory representative of the external educational institution has given his/her positive opinion.
- (3) As a rule, the total period of interruption of doctoral studies shall not exceed 24 months. In special, justified cases, e.g. maternity leave, the Rector or the Dean may decide to interrupt doctoral studies for a longer period of time, but not longer than 36 months.
- (4) Doctoral studies shall end with the defence of the dissertation (Section 54(3) of the Higher Education Act), or with abandonment of studies, failure to complete studies within the prescribed time limit, exclusion from studies, cancellation of the study programme in the field of study, death of the student (Section 66 of the Higher Education Act).
- (5) The length of the full-time form of study during which a doctoral student receives a scholarship may not exceed the standard length of study according to the specific study programme. The scholarship shall be granted for the entire academic year (Section 61 of the Higher Education Act). No scholarship shall be granted to a full-time doctoral student during a break in his/her doctoral studies. The grant for full-time doctoral students shall end on the date of the first defence of the doctoral thesis, the end of the standard length of studies, or the date of other termination of studies (§ 54, § 65 and § 66 of the Higher Education Act).

Article 41

Tuition fees and fees associated with doctoral studies

- (1) One of the student's obligations is to pay tuition fees and fees associated with doctoral studies properly and on time in accordance with Section 71 of the Higher Education Act

- and in accordance with the internal regulation on tuition fees and fees associated with studies at TU.
- (2) Failure to pay tuition fees or fees associated with doctoral studies for the relevant academic year within the time limit set by the University in accordance with the Higher Education Act is a violation of the provisions of Section 71(3)(a) of the Higher Education Act. b) of the Higher Education Act and the internal regulations of the TU and will be considered as a culpable violation of the legal regulations and the internal regulations of the University pursuant to Section 72(1) of the Higher Education Act with the consequences of the possibility of expulsion from studies pursuant to Section 72(2)(c) of the Higher Education Act in connection with Section 66(1)(d) of the Higher Education Act.
 - (3) The provisions of the Higher Education Act (§ 92, § 113a of the Higher Education Act) and the TU Organizational Directive on Tuition Fees and Fees Associated with Study at TU apply to tuition fees and fees associated with doctoral studies and the issuance of a diploma.

THIRD SECTION

COMMON, TRANSITIONAL AND FINAL PROVISIONS

Article 42

Study Regulations of Faculties

- (1) If the faculty decides to modify these TU Study Regulations in more detail on its own terms, it shall issue the faculty's study regulations in accordance with them.
- (2) The Study Regulations of the Faculty are approved by the Academic Senate of the Faculty on the proposal of the Dean and enter into force on the date of their approval by the Academic Senate of the TU.

Article 43

Transitional and final provisions

- (1) Article 13 **Control of Studies and Conditions for Continuation of Studies applies only to** students enrolled in the first year of studies in the first and second cycle of studies in the academic year 2013/2014. For other students, the conditions for advancement to the next year of study in the academic year 2013/2014 shall apply according to the study regulations in force until the date of entry into force of these study regulations. For the advancement of a student to the academic year 2014/2015, Article 13 shall apply to all TU students.
- (2) The second section of the TU Study Regulations, "Study Regulations for Doctoral Studies", applies to all newly admitted doctoral students from the academic year 2013/2014. The existing regulations apply to the course of doctoral studies of doctoral students enrolled before the entry into force of these TU Study Regulations.
- (3) The Study Regulations of the Technical University of Zvolen No. 478/2008 approved by the Academic Senate of TU on 28 February 2008 are hereby repealed.

- (4) The Study Regulations for Doctoral Studies of the Technical University of Zvolen No. 479/2008, which was approved by the Academic Senate of the Technical University of Zvolen on 28 February 2008, are hereby repealed.
- (5) The Organizational Directive No. 2/2007 on the administrative support of doctoral studies at the Technical University of Zvolen, which was approved by the Management Board of the Technical University of Zvolen on 11 May 2007, is hereby repealed.
- (6) These TU Study Regulations were approved by the Academic Senate of TU in Zvolen on 3 June 2013. It shall enter into force and effect on 1 September 2013.

prof. Ing. Milan Saniga, DrSc.
President of the AS

Dr. h. c. prof. Ing. Rudolf Kropil, CSc.
Rector

Amendment No. 1 to the TU Study Regulations was approved by the TU Academic Senate on 26.8.2013 under number R-9573/2013. It enters into force on the date of approval by the Academic Senate of TU and comes into force on 1 September 2013.

Amendment No. 2 to the TU Study Regulations was approved by the TU Academic Senate on 30.3.2015 under number R-3430/2015. It enters into force and effect on the date of approval by the Academic Senate of TU on 30.3.2015.

Amendment No. 3 to the Study Regulations of the TU in Zvolen was approved by the Academic Senate of the TU on 19 May 2017 and enters into force and effect on 19 May 2017.



TECHNICKÁ UNIVERZITA VO ZVOLENE

Reference No R-4704/2017
In Zvolen, 19 May 2017

**Appendix No 3
to the Study Regulations
Technical University of Zvolen No. R-6799/2013,
which was approved by the Academic Senate of TU Zvolen on 3 June 2013**

Study Regulations of TU in Zvolen No. R-6799/2013 as amended by Appendix No. 1, approved by the AS TU on 26 August 2013 under No. R-9573/2013 and as amended by Appendix No. 2, approved by the AS TU on 30 March 2015 under No. R-3430/2015 is amended by the resolution of the Academic Senate of TU in Zvolen dated 19 May 2017 as follows:

- 1. In Article 13(2)(b), the last sentence is deleted and replaced by a new sentence:**

This condition applies only to progression to the next year of study within the standard length of the study programme.

- 2. In Article 31, paragraph (1), in the first sentence, the existing text "and documented the submission of a scientific publication to the peer review process in a journal of the Web of Science database with an impact factor or an accepted application for an industrial property right. ' is replaced by the following:**

and documented:

- a) successful completion of the peer review process for a publication registered in the Web of Science or Scopus databases; or
- b) an accepted application for an industrial property right, or
- c) the performance or realisation of a major work of art or artistic performance carried out abroad or domestically or their presentation in renowned foreign or internationally recognised domestic institutions and events.

II.

- 1. In Part I, point 2. of this appendix applies to all newly admitted doctoral students from the 2017/2018 academic year onwards. The course of doctoral studies for doctoral students enrolled prior to the entry into force of this point shall be governed by the regulations in force at that time.
- 2. This Appendix No. 3 to the Study Regulations of the TU in Zvolen was approved by the Academic Senate of the TU on 19 May 2017.
- 3. This Appendix No. 3 to the Study Regulations of TU Zvolen comes into force and effect on 19 May 2017.
- 4. This Appendix No. 3 is an integral part of the Study Regulations of the TU in Zvolen, approved under No. 6799/2013 on 3 June 2013, as amended by Appendix No. 1 issued on 26 August 2013 under No. 9573/2013 and Appendix No. 2 issued on 30 March 2015 under No. R-3430/2015.

Prof. Ing. Milan Saniga, DrSc.
President of AS TU

Prof. Ing. Rudolf Kropil, CSc.
Rector of TU

DOCTORAL STUDIES

The Faculty of Forestry of the Technical University of Zvolen organises doctoral studies according to Act No.131/2002 Coll. on Higher Education and on Amendments and Supplements to Certain Acts and the Study Regulations for Doctoral Studies at the Technical University of Zvolen No. R-1799/2016:

fields of study and programmes in the academic year 2020/2021:

- Forestry
study programme: forest cultivation and protection
- Forestry
**study programme: adaptive forestry and game management
wildlife management)**
- Forestry
study programme: forest management
- Forestry
study programme: forestry phytology
- Forestry
study programme: forest ecology
- Forestry
study programme: applied zoology and hunting
- Forestry
study programme: forest ecosystem services
- Forestry

study programme: forestry technology

The study is organized in full-time and part-time form. Students of doctoral studies can become graduates of universities (usually of forestry, natural sciences and technical orientation) who have successfully completed the university by the prescribed state final examination.

in the admissions follow-up, the applicant will demonstrate:

- professional knowledge in the chosen field of study and the prerequisites for independent scientific

Work,

- language skills in one world language.

Graduates of doctoral studies are awarded the academic degree "philosophiae doctor" (PhD.).

STUDY FIELD: FORESTRY

STUDY PROGRAMME : FOREST PLANTING AND FOREST PROTECTION - DOCTORAL DEGREE

GUARANTOR: PROF. PROF. SANIGA

LANGUAGE: SLOVAK

Subject code	Name of subject	Credits	Scope of lectures	Form of termination	Gestor of the course
Compulsory subjects (P)					
DIZS-D	dissertation examination	20		SB	prof. Ďurkovič
DIZP-D	dissertation	30		SB	Prof. Fabrika
Compulsory electives (PV)					
PBPL	nature-friendly forest cultivation	7	2	S	prof. Saniga
LDAS	forest tree species and their communities	7	2	S	doc. Lukáčik
FBALS	physiological and biotechnological aspects of forest seed production	5	2	S	doc. Repáč
OBN	forest restoration	7	2	S	doc. Jaloviar
DPFPL	differentiated cultivation phytotechnics in production forests	7	2	S	prof. Saniga
DPFKF	differentiated phytotechnics in forests according to categories and integrated functions	7	2	S	doc. Kucbel
BAVSM	biotechnological and operational aspects of planting material production	7	2	S	doc. Repáč
IOL	integrated forest protection	7	2	S	doc. Kodrík
PLD	pathophysiology of forest tree species	7	2	S	prof. Kmet

ASCRO	activation of harmful agents and implementation of countermeasures	5	2	S	doc. Kodrik
PLE	natural forest ecosystems, their structure and research methodologies	7	2	S	prof. Saniga
	foreign language	5	2	S	
Elective subjects (V)¹⁾					
	subjects of other study programmes of II. and III. degree of study	x ²⁾	x ³⁾	S	

1) The student may choose a subject from the study programmes of doctoral studies of all faculties of TU Zvolen

2) According to the specific credit evaluation of the course at the faculty of the university

3) According to the specific hour range of the course at the university faculty

STUDY FIELD: FORESTRY

STUDY PROGRAMME : ADAPTIVE FORESTRY AND WILDLIFE MANAGEMENT

(ADAPTIVE FORESTRY AND WILDLIFE MANAGEMENT) - DOCTORAL DEGREE

SUPERVISOR: PROF. PAULE

LANGUAGE.

Subject code	Name of subject	Credits	Scope of lectures	Form of termination	Gestor of the course
Compulsory subjects (P)					
DIZS-D	dissertation examination	20		SB	prof. Ďurkovič
DIZP-D	dissertation	30		SB	Prof. Fabrika
Compulsory electives (PV)					
AMLE	analysis and modelling of forest ecosystems	7	2	S	Prof. Fabrika
AVPZE	analysis of public policies to secure forest ecosystem externalities	7	2	S	prof. Šálka
MABPV	methodological and biometric principles of research	7	2	S	prof. Scheer
BFLP	bioregulation of forest soil functions	7	2	S	prof. Pichler
EAHE	economic analysis and assessment of forest ecosystem externalities	7	2	S	prof. Holécy
MPVEZ	methodological procedures for research on environmental burdens in logging and timber transport	7	2	S	prof. Messinger

PLE	natural forest ecosystems, their structure and methodological procedures for their research	7	2	S	prof. Saniga
MALBM	methods and analyses in forestry bioclimatology and micrometeorology	7	2	S	doc. Střelcová
MATKZ	methods and techniques of quantitative zoology	7	2	S	prof. Kropil
MHBR	methods for assessing plant biodiversity and plant communities	7	2	S	prof. Gömöry
MHBZ	methods for assessing the biodiversity of animals and animal communities	7	2	S	prof. Paule
MMAOZ	methods of game management and conservation	7	2	S	prof. Garaj
	foreign language	5	2	S	
Elective subjects (V)¹⁾					
	subjects of other study programmes of II. and III. degree of study	x ²⁾	x ³⁾	S	

1) The student may choose a subject from the study programmes of doctoral studies of all faculties of TU Zvolen

2) According to the specific credit evaluation of the course at the faculty of the university

3) According to the specific hour range of the course at the university faculty

STUDY FIELD: FORESTRY

STUDY PROGRAMME: FOREST MANAGEMENT - DOCTORAL DEGREE

GUARANTOR: PROF. PROF. SCHEER

LANGUAGE: SLOVAK

Subject code	Name of subject	Credits	Scope of lectures	Form of termination	Gestor of the course
Compulsory subjects (P)					
DIZS-D	dissertation examination	20		SB	prof. Ďurkovič
DIZP-D	dissertation	30		SB	Prof. Fabrika
Compulsory electives (PV)					
MVVP	methodology of scientific research work	7	2	S	prof. Scheer
DPZ	remote sensing	7	2	S	prof. Scheer
GINF	geoinformatics	7	2	S	prof. Tuček
VSMG	multivariate statistical methods and geostatistics	7	2	S	prof. Scheer
LMAP	forestry mapping	7	2	S	doc. Chudý
AMLE	analysis and modelling of forest ecosystems	7	2	S	Prof. Fabrika
TUL	forest harvesting	7	2	S	doc. J. Merganič
OPOF	valuation of production and other forest functions	7	2	S	doc. J. Merganič

HUL	forest management	7	2	S	doc. J. Merganič
KNPU	cadastre of immovable property and land regulations	7	2	S	doc. Chudý
ZRPL	patterns of forest growth and production	7	2	S	prof. Scheer
PMIL	professive forest inventory methods	7	2	S	doc. Merganič
PPR	support for spatial decision-making in forest landscapes	7	2	S	prof. Tuček
PAHUL	legal aspects of forest management	7	2	S	doc. Šulek
FPOF	financing the production and other functions of forests	7	2	S	prof. Hajdúchová
AVPZE	analysis of public policies to secure forest ecosystem externalities	7	2	S	prof. Šálka
	foreign language	5	2	S	
Elective subjects (V)¹⁾					
	subjects of other study programmes of II. and III. degree of study	x ²⁾	x ³⁾	S	

1) The student can choose a subject from the study programmes of doctoral studies of all faculties of TU Zvolen

2) According to the specific credit evaluation of the course at the faculty of the university

3) According to the specific hour range of the course at the university faculty

FIELD OF STUDY: FORESTRY
STUDY PROGRAMME: FORESTRY PHYCOLOGY - DOCTORAL
GRADE
GUARANTOR: PROF. GÖMÖRY
LANGUAGE: SLOVAK, ENGLISH

Subject code	Name of subject	Credits	Scope of lectures	Form of termination	Gestor of the course
Compulsory subjects (P)					
DIZS-D	dissertation examination	20		SB	prof. Ďurkovič
DIZP-D	dissertation	30		SB	Prof. Fabrika
Compulsory electives (PV)					
FATS	phytocenological and typological systems	7	2	S	prof. Ujházy
EVEG	vegetation ecology	7	2	S	prof. Ujházy
DYNVEG	vegetation dynamics	7	2	S	prof. Ujházy
FYGE	phytogeography and historical variability of forest ecosystems	7	2	S	prof. Ujházy
SNVR	system of lower and higher plants	7	2	S	prof. Gáper
PEG	population and evolutionary genetics	7	2	S	prof. Gömöry
SLD	forest tree breeding	7	2	S	prof. Paule
FEFLD	physiology and ecophysiology of forest tree species	7	2	S	prof. Kmet
PLD	pathophysiology of forest tree species	7	2	S	prof. Kmet
MVP	methodology of scientific work	7	2	S	prof. Ďurkovič

MAVD	methods of vegetation data analysis	7	2	S	prof. Ujházy
BVSM	biometrics and multidimensional methods in biological research	7	2	S	prof. Gömöry
GZKLE	global climate change	7	2	S	prof. Škvarenina
BEADE	bioclimatological and ecophysiological aspects of disturbance ecology	7	2	S	doc. Střelcová
BIOT	forest tree biotechnology	7	2	S	prof. Ďurkovič
EKPED	Ecopedology				doc. Gömöryová
	foreign language	5	2	S	
Elective subjects (V)¹⁾					
	subjects of other study programmes of II. and III. degree of study	x ²⁾	x ³⁾	S	

1) The student can choose a subject from the study programmes of doctoral studies of all faculties of TU Zvolen

2) According to the specific credit evaluation of the course at the faculty of the university

3) According to the specific hour range of the course at the university faculty

STUDY FIELD: FORESTRY

STUDY PROGRAMME: FOREST ECOLOGY - DOCTORAL DEGREE

GUARANTOR: PROF. ŠKVARENINA

LANGUAGE: SLOVAK, ENGLISH

Subject code	Name of subject	Credits	Scope of lectures	Form of termination	Gestor of the course
Compulsory subjects (P)					
DIZS-D	dissertation examination	20		SB	prof. Ďurkovič
DIZP-D	dissertation	30		SB	Prof. Fabrika
Compulsory electives (PV)					
MVVP	methodology of scientific research work	7	2	S	prof. Scheer
ALKZ	adaptation of forests to climate change	7	2	S	prof. Škvarenina
EKPED	Ecopedology	7	2	S	doc. Gömöryová
BEADE	bioclimatological and ecophysiological aspects of disturbance ecology	7	2	S	doc. Střelcová
FYGE	phytogeography and historical variability of forest ecosystems	7	2	S	prof. Škvarenina
VSMG	Multivariate statistical methods and geostatistics	7	2	S	prof. Scheer
ASCRO	activation of harmful agents and implementation of countermeasures	7	2	S	doc. Kodrík

IOL	integrated forest and ecosystem protection	7	2	S	doc. Fleischer doc. Kodrik
PLD	pathophysiology of forest tree species	7	2	S	prof. Kmet
EZ	animal ecology	7	2	S	prof. Kropil
EVEG	vegetation ecology	7	2	S	prof. Ujházy
AMLE	analysis and modelling of forest ecosystems	7	2	S	Prof. Fabrika
GINF	geoinformatics	7	2	S	prof. Tuček
ZRPL	patterns of forest growth and production	7	2	S	prof. Scheer
PLE	natural forest ecosystems, their structure and methodological procedures for their research	7	2	S	prof. Saniga
ELD	forest ecology	7	2	S	prof. Pichler
GZKLE	global climate change	7	2	S	prof. Škvarenina
KE	landscape ecology	7	2	S	doc. Oláh
OPE	nature and ecosystem protection	7	2	S	doc. Škvareninová
PPR	support for spatial decision-making in forest landscapes	7	2	S	prof. Tuček
	foreign language	5	2	S	
Elective subjects (V)¹⁾					
	subjects of other study programmes of II. and III. degree of study	x ²⁾	x ³⁾	S	

1) The student may choose a subject from the study programmes of doctoral studies of all faculties of TU Zvolen

2) According to the specific credit evaluation of the course at the faculty of the university

3) According to the specific hour range of the course at the university faculty

STUDY FIELD: FORESTRY

STUDY PROGRAMME: APPLIED ZOOLOGY AND HUNTING - DOCTORAL DEGREE

GUARANTOR: PROF. PROF. KROPIL

LANGUAGE: SLOVAK

Subject code	Name of subject	Credits	Scope of lectures	Form of termination	Gestor of the course
Compulsory subjects (P)					
DIZS-D	dissertation examination	20		SB	prof. Ďurkovič
DIZP-D	dissertation	30		SB	Prof. Fabrika
Compulsory electives (PV)					
PMZ	game management	7	2	S	prof. Garaj
EZ	animal ecology	7	2	S	prof. Kropil
ICHZ	intensive game farming	7	2	S	prof. Garaj
OZAH	protection of animals and their habitats	7	2	S	prof. Kropil
FVCHZ	physiology, nutrition and diseases of game	7	2	S	doc. Rajs ký
GVZ	genetics of higher animals	7	2	S	prof. Paule
MATKZ	methods and techniques of quantitative zoology	7	2	S	prof. Kropil

EEMOZ	environmental economics in game management and conservation	7	2	S	prof. Holécy
OLPZ	protection of the forest from damage by wild animals	7	2	S	doc. Kodrík
	foreign language	5	2	S	
Elective subjects (V) ¹⁾					
	subjects of other study programmes of II. and III. degree of study	x ²⁾	x ³⁾	S	

1) The student can choose a subject from the study programmes of doctoral studies of all faculties of TU Zvolen

2) According to the specific credit evaluation of the course at the faculty of the university

3) According to the specific hour range of the course at the university faculty

STUDY FIELD: FORESTRY

STUDY PROGRAMME: ECOSYSTEM SERVICES OF FORESTS - DOCTORAL GRADE

SUPERVISOR: PROF. PICHLER

LANGUAGE: SLOVAK, ENGLISH

Subject code	Name of subject	Credits	Scope of lectures	Form of termination	Gestor of the course
Compulsory subjects (P)					
DIZS-D	dissertation examination	20		SB	prof. Ďurkovič
DIZP-D	dissertation	30		SB	Prof. Fabrika
Compulsory electives (PV)					
GZKLE	global climate change	7	2	S	prof. Škvarenina
MVVP	methodology of scientific research work	7	2	S	prof. Scheer
EKPED	Ecopedology	7	2	S	doc. Gömöryová
BEADE	bioclimatological and ecophysiological aspects of disturbance ecology	7	2	S	doc. Střelcová

FYGE	phytogeography and historical variability of forest ecosystems	7	2	S	prof. Ujházy
VSMG	multivariate statistical methods and geostatistics	7	2	S	prof. Scheer
VMRES	vulnerability and risk management of ecosystem services	7	2	S	prof. Holécy
SVLZ	sustainable use of forest resources	7	2	S	prof. Messinger
LM	forestry land reclamation	7	2	S	prof. Jakubis
MLKAE	management of forests as complex adaptive ecosystems	7	2	S	prof. Pichler
MPVPZ	mathematical programming for the exploitation of natural resources	7	2	S	prof. Holécy
ESTU	ecosystem services, goods and accounting	7	2	S	doc. Olah
AMLE	analysis and modelling of forest ecosystems	7	2	S	Prof. Fabrika
AVPZE	analysis of public policies to secure forest ecosystem externalities	7	2	S	prof. Šálka
PEG	population and evolutionary genetics	7	2	S	prof. Gömöry
	foreign language	5	2	S	
Elective subjects (V)¹⁾					
	subjects of other study programmes of II. and III. degree of study	x ²⁾	x ³⁾	S	

- 1) The student may choose a subject from the study programmes of doctoral studies of all faculties of TU Zvolen
2) According to the specific credit evaluation of the course at the faculty of the university
3) According to the specific hour range of the course at the university faculty

STUDY FIELD: FORESTRY

STUDY PROGRAMME: FORESTRY TECHNOLOGY - DOCTORAL GRADE

SUPERVISOR: PROF. MESSINGEROVÁ

LANGUAGE: SLOVAK

Subject code	Name of subject	Credits	Scope of lectures	Form of termination	Gestor of the course
Compulsory subjects (P)					
DIZS-D	dissertation examination	20		SB	prof. Ďurkovič
DIZP-D	dissertation	30		SB	Prof. Fabrika
Compulsory electives (PV)					
LTVD	logistics of technical timber production	7	2	S	prof. Messinger
VDD	theory and practice of air transport of timber	7	2	S	prof. Messinger
SAPL	forest access and design	7	2	S	prof. Messinger
KZBL	comprehensive forest biomass recovery	7	2	S	prof. Messinger
EBP	selected chapters from ergonomics and safety at work in forestry	7	2	S	prof. Messinger

LCAS	forest roads and buildings	7	2	S	prof. Jakubis
MALH	mechanisation and automation in forestry	7	2	S	doc. Stollmann
LM	forestry land reclamation	7	2	S	prof. Jakubis
LH	forest hydrology	7	2	S	prof. Jakubis
ZBAS	fencing of ravines and gullies	7	2	S	prof. Jakubis
EPOP	soil erosion and erosion control	7	2	S	prof. Jakubis
IMP	integrated river basin management	7	2	S	prof. Jakubis
LAPLO	avalanches and avalanche protection	7	2	S	prof. Jakubis
GINF	geoinformatics	7	2	S	prof. Tuček
EKPED	Ecopedology	7	2	S	doc. Gömöryová
MVVP	methodology of scientific research work	7	2	S	prof. Scheer
AMLE	analysis and modelling of forest ecosystems	7	2	S	
AVPZE	analysis of public policies to secure forest ecosystem externalities	7	2	S	prof. Šálka
VSMG	multivariate statistical methods and geostatistics	7	2	S	prof. Scheer
	foreign language	5	2	S	
Elective subjects (V)¹⁾					
	subjects of other study programmes of II. and III. degree of study	x ²⁾	x ³⁾	S	

- 1) The student can choose a subject from the study programmes of doctoral studies of all faculties of TU Zvolen
2) According to the specific credit evaluation of the course at the faculty of the university
3) According to the specific hour range of the course at the university faculty

Annex

Allocation of credits to individual types of doctoral student activities (examples of activities and specified credit range)

1) study and pedagogical-educational activities

Activities	credits in study programmes of the 3rd cycle of study at the Faculty of Arts
completion of a compulsory subject	X ¹⁾
completion of another course offered by the faculties of the university or another faculty or college	X ¹⁾
individual study of scientific literature	5
authorship or co-authorship of teaching aids and texts	6
the doctoral student's own teaching activity of up to 2 hours per week on average per academic year in which the teaching takes place	10

the doctoral student's own teaching activity in the range of 2-4 hours per week on average per academic year in which the teaching takes place	20
conducting a thesis presented at a student scientific conference	5
conducting the final thesis of bachelor studies	10
elaboration of a testimonial for the final thesis of the bachelor's study	3
passing the dissertation examination	30

2) creative activity in the field of science

Activities	credits in study programmes of the 3rd cycle of study at the Faculty of Arts
publication in a current journal ²⁾	35
publication in a peer-reviewed foreign journal ²⁾	25
active participation in a foreign scientific event	20
publication in a peer-reviewed scientific journal ²⁾	15
active participation in a domestic scientific event - article in the proceedings ²⁾	15
active participation in a domestic scientific event - extended abstract and abstract ²⁾	12
participation in the solution of a scientific project with presentation of own results	17
other activities (e.g. member of the conference organising committee, etc.)	4
lecture at a professional seminar within the workplace	6
completion of a defined stage of own research work	10
for each home citation	2
for each foreign citation	4
for each SCI citation	8
dissertation	30

¹⁾ According to the specific credit evaluation of the subject

²⁾ Number of credits to be differentiated by author's share