Technical University in Zvolen

Report on the state of educational activities of the Faculty of Wood Sciences and Technology of the Technical University in Zvolen in the year 2021/2022

(Material approved by the Scientific and Artistic Board of the Faculty of Wood Sciences and Technology on the 10/11/2022)

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Zvolen, November 2022

INTRODUCTION

In the academic year 2021/2022, the Faculty of Wood Sciences and Technology provided education in full-time and part-time form of study in the following fields of study and programmes:

Full-time form of study:

Degree of study	Field of study	Study programme
I.	**Wood Sciences and Technology**	Wood-processing supported by Information Technology
		Furniture Design and Construction
		Timber and Wood Structures
	Economics and Management	Economics and Management in Wood Processing Companies
	Safety and Security Sciences	Fire protection and safety
	Art	Design of Furniture and Interior
II.	**Wood Sciences and Technology**	Wood Engineering
		Furniture Design and Construction
		Timber and Wood Structures
	Economics and Management	Economics and Management in Wood Processing Companies
	Safety and Security Sciences	Fire protection and safety
	Art	Design of Furniture and Interior
III.	**Wood Sciences and Technology**	Wood processing technology
		Structure and properties of wood
		Designs and processes for the manufacture of wood products
	Safety and Security Sciences	Fire protection and safety
	Art	Furniture and Living design

External form of study:

Degree of study	Field of study	Study programme
	Wood Sciences and Technology	Furniture Design and Construction
		Timber and Wood Structures
		Timber and Wood Structures (Volyn)
		Furniture Design and Construction (Volyně)
	Economics and Management	Economics and Business Management DSP
	Safety and Security Sciences	Fire protection and safety
II.	**Wood Sciences and Technology**	Timber and Wood Structures
	Economics and Management	Economics and Business Management DSP
	Safety and Security Sciences	Fire protection and safety
III.	**Wood Sciences and Technology**	Wood processing technology
		Structure and properties of wood
		Designs and processes for the manufacture of wood products
	Safety and Security Sciences	Fire protection and safety
	Art	Furniture and Living design

The present report on the status of educational activities in the academic year 2021/2022 is divided into the following parts:

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1
NUMBER OF STUDENTS IN STUDY PROGRAMMES OF I. AND II. DEGREE

The numbers of enrolled students by programmes, fields, degrees, years and forms of study are shown in Tables 1.1, 1.2.

Table 1.1 Number of students enrolled in full-time studies in the academic year 2021/2022

full-time study

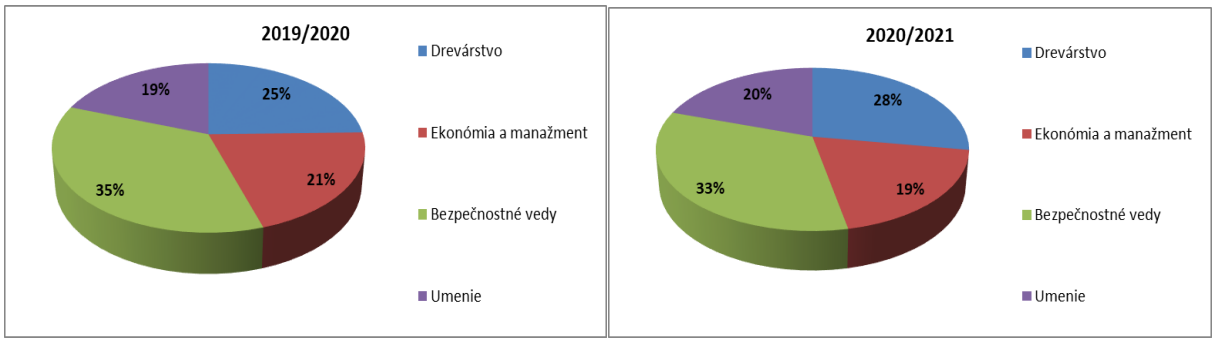
Department/Programme	Vintage				Total
	1.	2.	3.	4.	
I. level of study					
Department: Wood Sciences and Technology					
Wood processing with IT support	4	0	0	-	4
Furniture Design and Construction	22	11	8	-	41
Family business in the wood and furniture industry	-	-	-	-	-
Timber and Wood Structures	34	13	18	-	65
Total Department of Wood Sciences and Technology	**60**	**24**	**26**	**-**	**110(136)**
Department: economics and management					
Economics and Business Management DSP	**40**	**23**	**25**	**-**	**88(95)**
Department: Safety and Security Sciences					
Fire protection and safety	**62**	**40**	**36**	**-**	**138(164)**
Department: art					
Design of Furniture and Interior	**32**	**16**	**25**	**21**	**94(98)**
Total I. level	***194(214)***	***103(141)***	***112(113)***	***21(25)***	***430(493)***
II. level of study					
Department: Wood Sciences and Technology					
Wood Engineering	1	4	-	-	5
Furniture Design and Construction	5	10	-	-	15
Management of Wood Sciences and Technology and furniture production	-	-	-	-	-
Timber and Wood Structures	20	14	-	-	34
Total Department of Wood Sciences and Technology	**26**	**28**	**-**	**-**	**54(54)**
Department: economics and management					
Economics and Business Management DSP	**19**	**33**	**-**	**-**	**52(67)**
Department: Safety and Security Sciences					
Fire protection and safety	**39**	**42**	**-**	**-**	**81(80)**
Department: art					
Design of Furniture and Interior	**10**	**6**	**-**	**-**	**16(14)**
Total II. Grade	***94(112)***	***109(103)***	**-**	**-**	***203(215)***
Full-time study total	**288(326)**	**212(244)**	**112(113)**	**21(25)**	**633(708)**

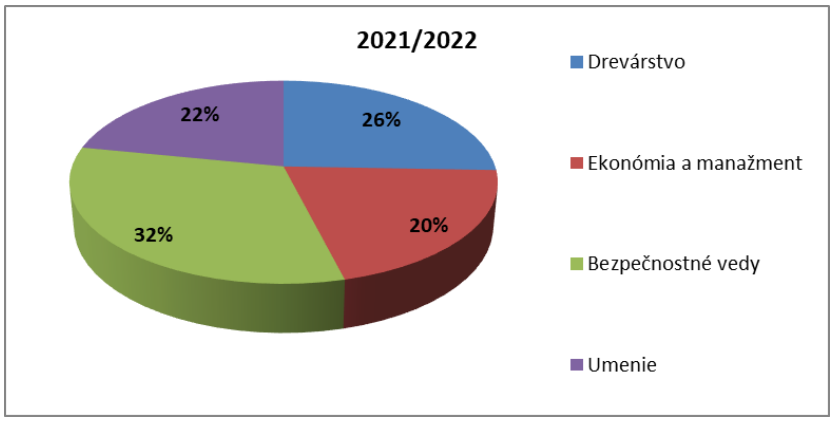
Status as of 31.10.2021

Note: Figures in brackets are from the previous year.

Overview of the percentage share of the number of **full-time** students in the 1st and 2nd cycle of study by disciplines at the Faculty of Wood Sciences and Technology in the academic years 2019/2020, 2020/2021/, 2021/2022.

Level I





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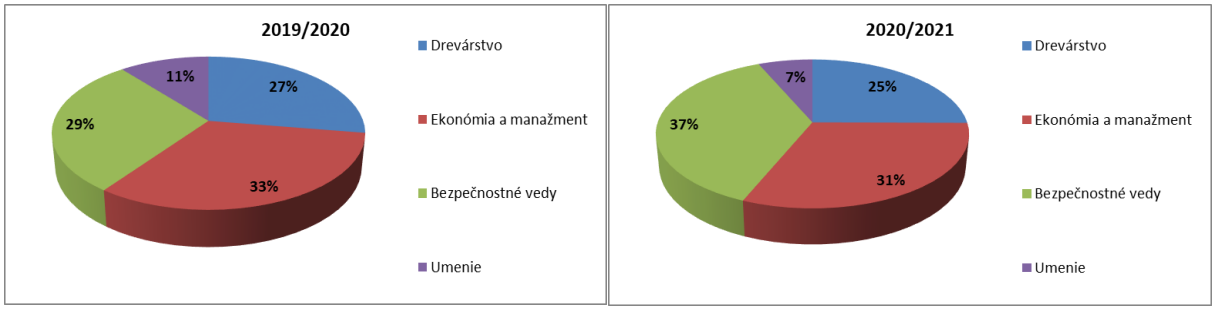


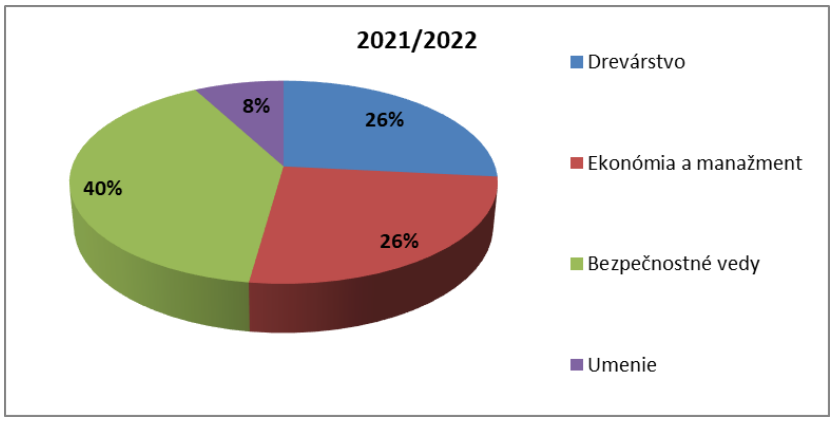


Table 1.2 Number of students enrolled in the external form of study in the academic year 2021/2022

external study

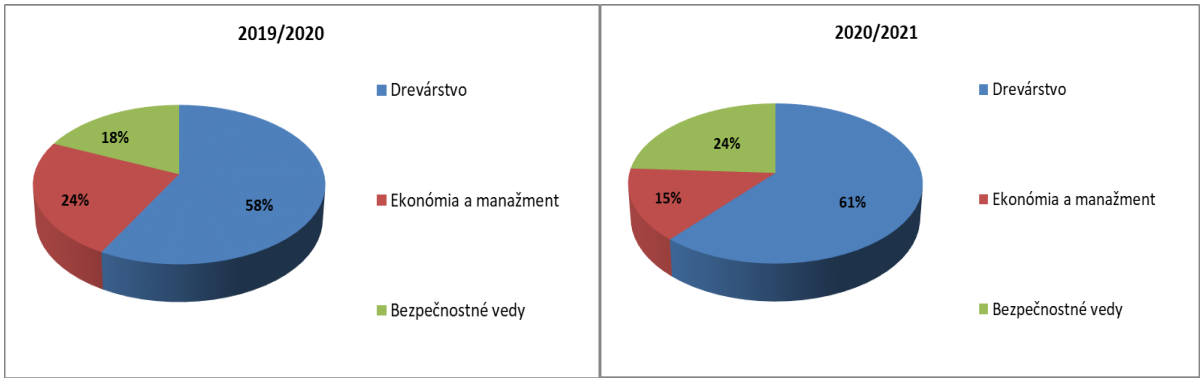
Department/Programme	Vintage				Total
	1.	2.	3.	4.	
I. level of study					
Department: WOOD SCIENCES AND TECHNOLOGY					
Furniture Design and Construction	11	1	3	4	19
Design and construction of furniture - Volyně, Czech Republic	8	6	2	4	20
Timber and Wood Structures	17	5	1	9	32
Timber and Wood Structures - Volyně	10	11	6	16	43
Total Department of Wood Sciences and Technology	**46**	**23**	**12**	**33**	**114(117)**
Department: economics and management					
Economics and Management in Wood Processing Companies	**11**	**7**	**1**	**10**	**29(28)**
Department: Safety and Security Sciences					
Fire protection and safety	**15**	**8**	**4**	**11**	**38(46)**
Total I. level	***72(91)***	***38(22)***	***17(36)***	***54(42)***	***181(191)***
II. level of study					
Department: WOOD SCIENCES AND TECHNOLOGY					
Wood Engineering	0	0	0	-	0
Furniture Design and Construction	4	0	0	-	4
Timber and Wood Structures	4	4	4	-	12
Total Department of Wood Sciences and Technology	**8**	**4**	**4**	**-**	**16(14)**
Department: economics and management					
Economics and Management in Wood Processing Companies	**11**	**7**	**1**	**-**	**19(16)**
Department: Safety and Security Sciences					
Fire protection and safety	**21**	**4**	**9**	**-**	**34(21)**
Total Level II	***40(24)***	***15(12)***	***14(15)***	**-**	***69(51)***
External study total	**112(115)**	**53(34)**	**31(51)**	**54(42)**	**250(242)**

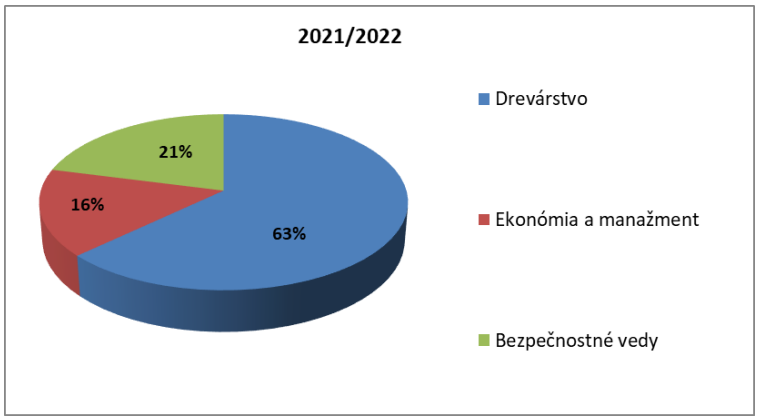
Status as of 31.10.2021

Note: Figures in brackets are from the previous year.

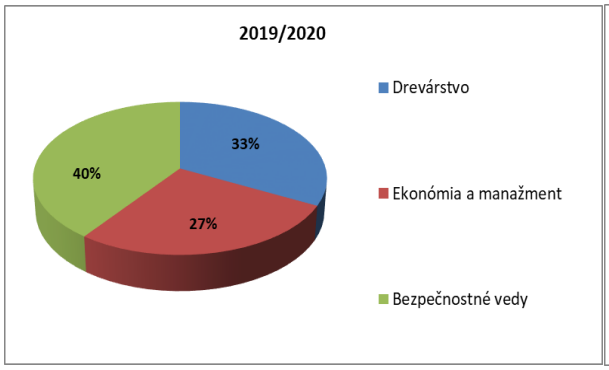
Overview of the percentage share of the number of students in **the external** form of study in the 1st and 2nd cycle by disciplines at the Faculty of Wood Sciences and Technology in the academic years 2019/2020, 2020/2021, 2021/2022.

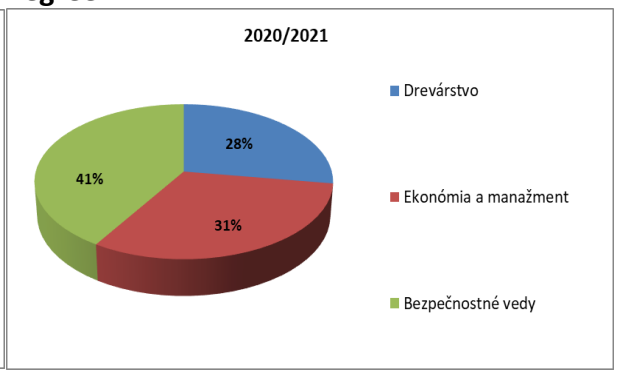
I. Grade





II. Degree





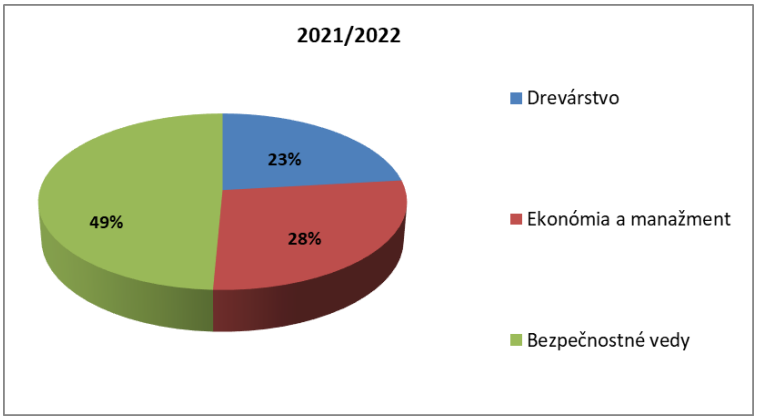


Table 1.3a Overall statistics on the number of students enrolled in the Faculty of Wood Sciences and Technology in the academic year 2021/2022

	Vintage				Total
	1.Bc + 1.Ing	2.Bc + 2.Ing	3.Bc	4.Bc	
Full-time + external study	1.Bc 266(305) 1.Ing 134(136)	2.Bc 141(163) 2.Ing 124(115)	3.Bc. 129(149) 3.Ing. 14(15)	75(67)	883(950)

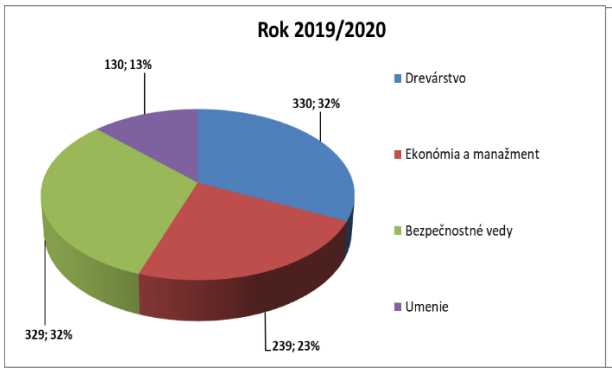
Table 1.3b

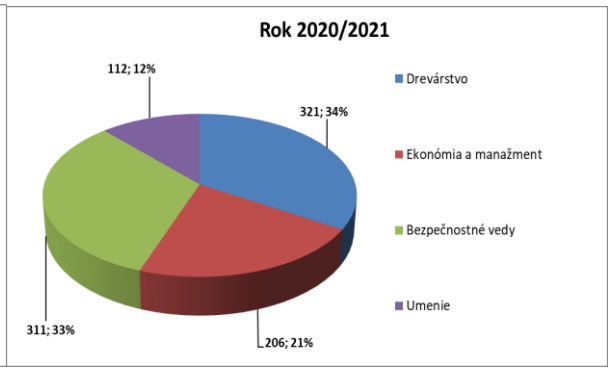
Faculty	Full-time form of study				External form of study				TOTAL
	Grade				Grade				
	I.	II.	III.	Total	I.	II.	III.	Total	
DF	430(493)	203(215)	20(20)	653(728)	181(191)	69(51)	13(15)	263(257)	916(985)

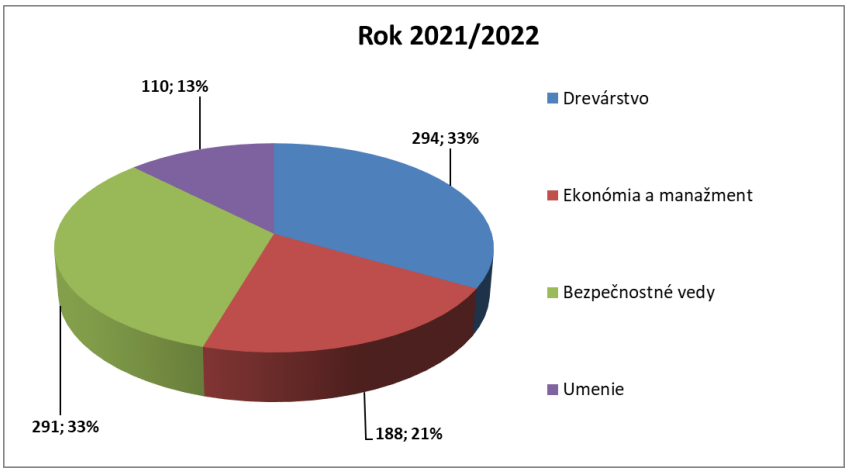
Status as of 31.10.2021

Note: Figures in brackets are from the previous year.

Overview of the percentage of the total number of **full-time** and **part-time** students in the 1st and 2nd cycle by disciplines at the Faculty of Wood Sciences and Technology in the academic years 2019/2020, 2020/2021, 2021/2022.







The total number of enrolled students studying at the Faculty of Wood Sciences and Technology decreased by 75 students (-10.6%) for full-time students and increased by 8 students (3.3%) for part-time students compared to the previous year.

The total number of students across all levels and forms of study was 916, a decrease of 7% compared to the previous academic year (6.9% a.y. 2020/2021).

2
ASSESSMENT OF LEARNING OUTCOMES

The academic results achieved in the academic year 2021/2022 can also be assessed by the number of students (Table 2.1) who fulfilled the conditions for enrolment in the higher year in the academic year 2022/2023.

Table 2.1 Number of students in the academic year 2022/2023 as of 11.10.2022

Vintage	Number of students (active)	Interrupted	Abandonment for acad. year 2021/2022
Full-time study			
Level I			
1.	179	2	75
2.	103	1	30
3.	87	2	20
4.	28		2
Level II			
1.	83	1	8
2.	91	-	9
Total Full-time study	**571(633)**	**6(12)**	**144(168)**
External study			
Level I			
1.	77	5	45
2.	22	1	26
3.	33	1	12
4.	22	-	16
Level II			
1.	30	-	9
2.	31	1	4
3.	10	-	3
Total External study	**225(254)**	**8(9)**	**115(61)**
Total DŠ+EŠ	**796(887)**	**14(21)**	**259(229)**

Status as of 11.10.2022
Note: Figures in brackets are from the previous year.

Tables 1.1, 1.2 and 2.1 show that out of 194 full-time students of the first year of the first cycle of studies in the academic year 2021/2022, 103 students are continuing their studies in the second year of the first cycle of studies (in the academic year 2022/2023), 1 student has interrupted his/her studies, the others have been expelled due to failure to meet the study conditions for advancement to a higher cycle, have been enrolled in a higher cycle of studies or have dropped out of studies at their own request. A total of 75 students dropped out, which is 38.6% (51.8%; 39.5% in the previous academic year).

Of the 103 2nd year students in AY 2021/2022, 87 (in AY 2022/2023) entered the 3rd year, a decrease of 15.5% (previous AYs 19.8%; 18.1%) This is the number of third year students excluding students in the extra-length course.

There are 28 students enrolled in the 4th year of 2022/2023.

Out of 94 full-time students of the 1st year of the 2nd year of the 2nd degree in the academic year 2021/2022, three students did not progress to the 2nd year of the 2nd degree in the academic year 2022/2023.

Out of 72 students of the external form of study of the 1st year of the 1st degree in the academic year 2021/2022 to the 2nd year (in the a. y. 2022/2023), 45 students did not progress, dropped out of the study, were enrolled in the higher year of study, which is 62.5% (in previous years 58.2%; 56.9%). Out of 38 students of the 1st level of the 2nd year in the academic year 2021/2022 to the 3rd year (in the a. y. 2022/2023) 5 students did not progress, which is 13.2% (in previous years 22.7%; 14.3%). Out of 17 students of the external form of study of the 1st degree of the 3rd year in the academic year 2021/2022, 2 students did not advance to the 4th year. Out of 40 students of the external form of the II. degree 1 in the academic year 2021/2022, 9 students did not progress to the 2nd year of the II. degree in the academic year 2022/2023. Five students did not progress to the third year of stage II. A total of 259 students dropped out for AY 2021/2022, which is 29.2% (24.1%; 21.5% in previous AYs).

Overall, a. y. 2021/22 can be evaluated very negatively in terms of students' progression to the next year of study. The academic year was significantly affected by the second year of the COVID-19 pandemic and the move of part of the teaching to the online space. This has had a very negative impact on the appetite and willingness to study. This was especially evident in the freshmen who handled the situation very poorly and dropped out of their studies during the a. y. The reduction of credits for advancement to the second semester (0 credits from the original 8/10) was not motivating and students still failed to complete their studies. Retention of students was not achieved even after possible interviews and explanations of the need of engineering graduates for practice and their employment. Distance learning was rated as challenging and there was a significant lack of personal contact with both the teacher and fellow students.

Table 2.2 Education/admission, progression and completion indicators a. 2021/2022

Percentage of first-year students who dropped out of their studies, by reason (expulsion for failure, dropping out, change of study programme)		
Code 73 - exclusion of disadvantage, 48/266	Code 72 - abandonment 42/266	code 79 - transfer 14/266
Percentage of international students out of the total number of students		**85/916**
Percentage of students with non-Slovak citizenship studying in a language other than Slovak out of the total number of students		**0/916**
Percentage of students exceeding the standard length of study		
full-time study 1.,2.,3. degree 51/653	external study 1.,2.,3. degree 8/263	
Number of disciplinary proceedings (expulsion, reprimand, no consequences, etc.)		
number of proceedings 12 students	Exclusion from studies 0	Admonition 0	Without consequences 0

The results and development of the indicators are used to monitor the appropriateness of the methods of selection and assessment of eligibility for study, to assess the status and development of students' progress in the learning process and drop-out rates.

DF students achieve the educational outcomes shown in Table 2.3.

Table 2.3 Weighted study average achieved

	2020/2021 Weighted study average/exam retake index	2021/2022 Weighted study average/exam retake index
Bc.	2,44/1,5	2,46/1,52
Ing.	2,02/1,24	2,01/1,3

The system of support and motivation of students is also provided in the form of various types of scholarships in accordance with the applicable legislation and internal regulations of TU Zvolen. Students have the possibility to receive social, motivational, benefit, trade union (Wood Sciences and Technology) and extraordinary scholarships.

The social scholarship is intended for full-time students of 1st and 2nd degree studies at a university based in Slovakia. When calculating the amount of the scholarship, the total income of the jointly assessed persons is taken into account. The social grant may be awarded only to students whose family income is close to the minimum subsistence level.

The incentive scholarship is awarded to students studying in first or second degree programmes and is assessed according to the quality of the academic results achieved in the courses taken.

Motivational Extraordinary Scholarship can be awarded to all students of TU Zvolen who have achieved outstanding results in the field of studies (Rector's Award, Dean's Award), in professional, scientific, research or sports activities or have successfully represented the University or
faculty at important national or international events.

An overview of the selected scholarships paid to students of the Faculty of Wood Sciences and Technology for the academic year 2021/2022 is given in Table 2.4.A total of € 82 053 was paid to 204 students excluding the social scholarship.

Table 2.4 Scholarships at the Faculty of Wood Sciences and Technology in the a. y. 2021/22

Incentive benefit		Motivational extraordinary		Motivational (research)		Motivational union	
Number of students	Amount paid	Number of students	Amount paid	Number of students	Amount paid	Number of students	Retrieved from Amount
46	30 774 €	43	7 040 €	10	1 550 €	63	23 039 €

Dean's Award		Rector's Award		Motivational (sports)	
Number of students	Amount paid	Number of students	Amount paid	Number of students	Retrieved from Amount
19	4 250 €	10	8 200 €	7	1 400 €

Social grant		Pregnancy grant	
Number of students	Amount paid	Number of students	Amount paid
20	28 950 €	6	5 800 €

3
EVALUATION OF THE MAIN EXERCISES AND EXCURSIONS

In the 2021/2022 academic year, major exercises and field trips were not implemented due to the COVID_19 pandemic and predominantly online instruction.

4
NUMBERS OF GRADUATES AND EVALUATION OF STATE EXAMINATIONS AND DEFENSE OF FINAL THESES

The number of graduates (1st degree, 2nd degree) of the Faculty of Wood Sciences and Technology in the academic year 2021/2022 is shown in Table 4.1.

Table 4.1 Graduates of the Faculty of Wood Sciences and Technology in 2021/2022

	Faculty of Wood Sciences and Technology	Number of participants	Benefited	of which benefited with distinction	Do not pass
I. deg.	Full-time study	102	97	7	5
	External study	44	42	-	2
	Total ES + ES	**146(160)**	**139(146)**	**7(9)**	**7(14)**
II. deg.	Full-time study	99	99	15	-
	External study	13	12	1	1
	Total ES + ES	**112(108)**	**111(106)**	**16(9)**	**1(2)**

Note: Figures in brackets are from the previous year.

State examinations for the Faculty of Science in the academic year 2021/2022 were held according to Annex 2 of the Study Regulations of the Faculty of Science, namely the state examination - defence of the final thesis and the state examination in the field of knowledge of the field of study.

The guarantors of the SP have prepared new questions for the colloquial exam for each thematic unit.

In the academic year 2021/2022, the students took the state examinations of the first level of studies on the following dates:

<u>20.06.2022-24.06.2022 in disciplines and programmes:</u>

- full-time study (94 students)

Wood Sciences and Technology - Furniture Design and Construction (8) - Wood Sciences and Technology supported by information technology (1), - Timber and Wood Structures (16),
Safety Sciences - Fire Protection and Security (33),
Economics and Management - Economics and Management in Wood Processing Companies (24),
Art - Design of Furniture and Interior (12),

- external study (41 students)

Wood Sciences and Technology - Furniture making and construction (5), - Furniture making and construction in Volyn (3), - Timber and Wood Structures (3), Timber and Wood Structures in Volyn (16)
Safety Sciences - Fire Protection and Safety (8), Economics and Management - Economics and Management in Wood Processing Companies (6),

22.08.2022-26.08.2022 in disciplines and programmes:

- full-time study (22 students)

Wood Sciences and Technology -Furniture Design and Construction (2), - Timber and Wood Structures (11)
Economics and Management - Economics and Management in Wood Processing Companies (3),
Art - Design of Furniture and Interior (2),
Safety Sciences - Fire Protection and Security (4),

- external study (6 students)

Wood Sciences and Technology - Furniture Design and Construction (1), - Timber and Wood Structures (5),

In the academic year 2021/2022, students took the state examinations of the second cycle of studies on the following dates:

06.06.2022-10.06.2022 in the field and program:

- full-time study (98 students)

Wood Sciences and Technology - Furniture Design and Construction (7) - Wood engineering (3), - Timber and Wood Structures (14),
Safety Sciences - Fire Protection and Security (39),
Economics and Management - Economics and Management in Wood Processing Companies (29),
Art - Design of Furniture and Interior (6),

- external study (13 students)

Economics and management - Economics and Management in Wood Processing Companies (1),
Safety Sciences - Fire Protection and Security (9),
Wood Sciences and Technology - Timber and Wood Structures (3),

22.08.2022-26.08.2022 in the field and program:

- full-time study (6 students)

Wood Sciences and Technology - Timber and Wood Structures (4)
Safety Sciences - Fire Protection and Security (1),
Economics and management - Economics and Management in Wood Processing Companies (1),

- external study (1 student)

Safety Sciences - Fire Protection and Security (1).

In the first term, 23 committees worked on the state examinations and thesis defences of engineering/master's programmes. In the first term, 31 commissions worked in the state examinations and defences of bachelor theses, in the second term, 8 commissions worked together in the state examinations and defences of bachelor and master theses.

The evaluation of the state examinations - thesis defences by the chairs of the state examination committees showed that the level of presentations was at a sufficient level, as well as the answers to the questions. The quality of the diploma theses was at the required level, the students' own contribution was mainly appreciated. A certain problem is the possibility of obtaining data for the thesis from practice, especially for students dealing with issues in the economic field. The certificate of the originality of the thesis was taken into account in the thesis defences in accordance with the Higher Education Act. The certificate is a compulsory document for defences and is of a recommendatory nature.

State Examination Boards Bc. studies stated that most of the bachelor theses were processed in the form of literature review. In some cases there were problems with incorrect citation of literature, or a small number or only from domestic literary sources.

The overall assessment was positive. They recommend to increase the proportion of own contribution in bachelor theses.

The results of the state examination from the thematic units mostly corresponded with the results during the study and with the overall attitude of the student.

Overview of unsuccessful students by study programmes:

B_DS - 4 students full-time, 2 students part-time

B_POB - 1 student external form

I_POB - 1 student external form

Overall, it can be assessed that the level of students' knowledge has deteriorated compared to last year. This is due to the quality of the students admitted and the knowledge acquired during their previous studies at secondary school and the students' lack of interest in studying and finding intrinsic motivation to perform well, and to some extent to the difficult conditions for preparation during the COVID_19 pandemic.

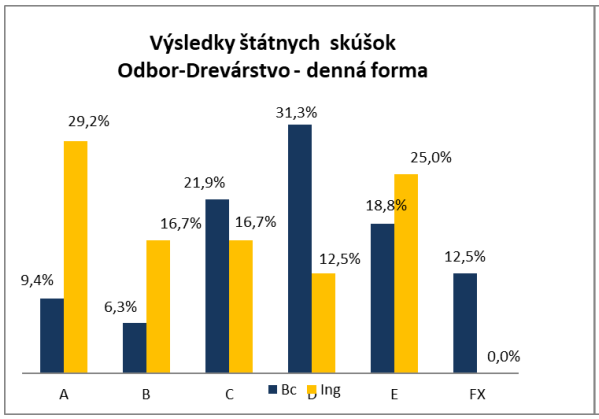
Due to the emergency measures caused by the COVID_19 pandemic and the online teaching part of the winter semester, access to conduct the required experiments needed to complete the ToR was hampered. For some students, the topics of the ZP were modified, changed. We thank the ZP leaders for their successful completion, as well as the technical staff for their cooperation in the implementation of the experiments.

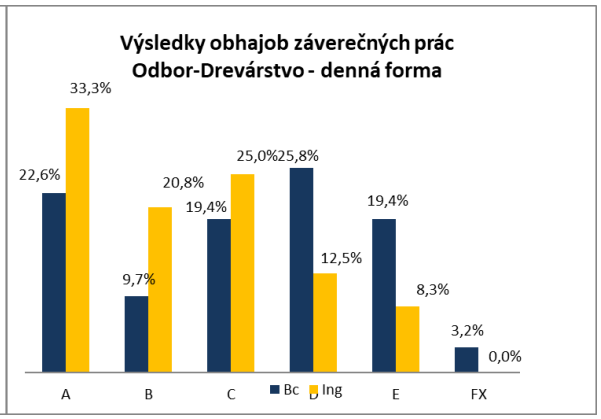
The conduct of the national examinations was partly affected by the situation of COVID_19. The commissions had to comply with increased hygiene standards, which extended the duration of the national examinations and necessitated the need for more commissions. On the positive side, however, the course of the CS was conducted in a face-to-face, i.e. contact, manner.

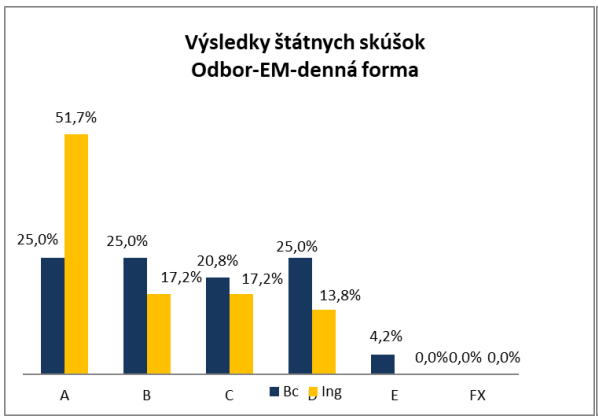
The attached charts show the average scores of the results of state examinations and final theses by field of study - for the full-time form of study. Compared to last year, the results of the state examinations in all disciplines are comparable but not satisfactory.

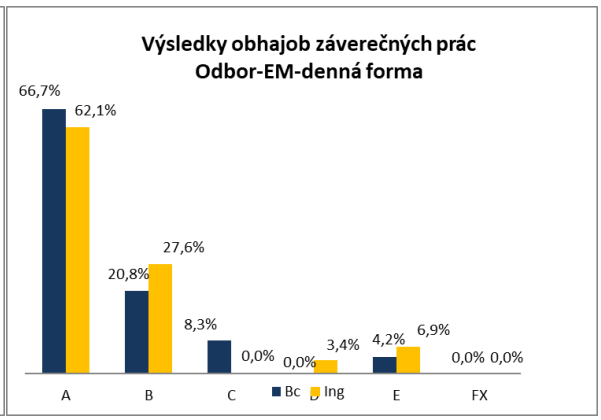
The members of the commissions made thorough and detailed records of the course of the state examinations and the commissions ensured compliance with the Study Regulations of the Faculty of Wood Sciences and Technology.

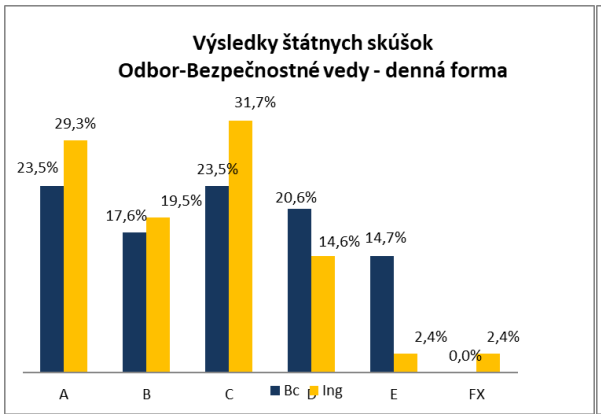
Evaluation of state examination results

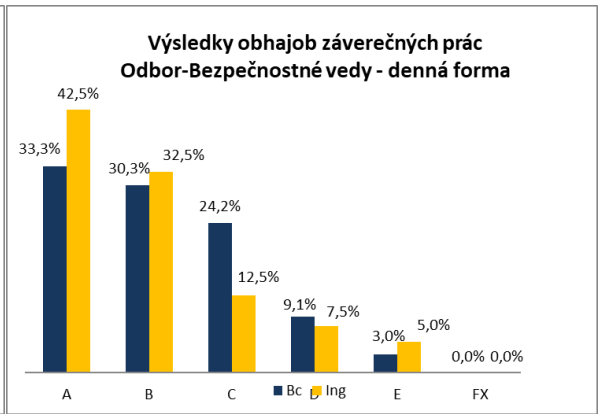


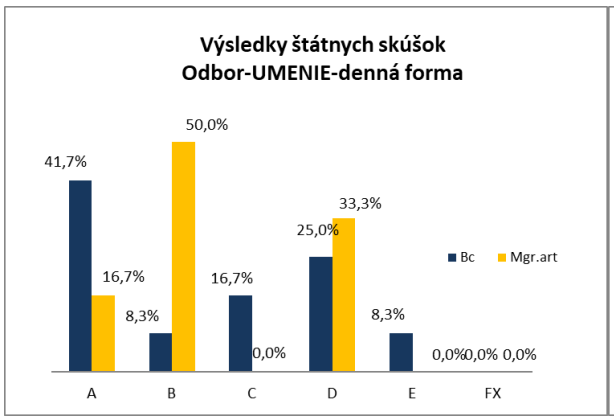


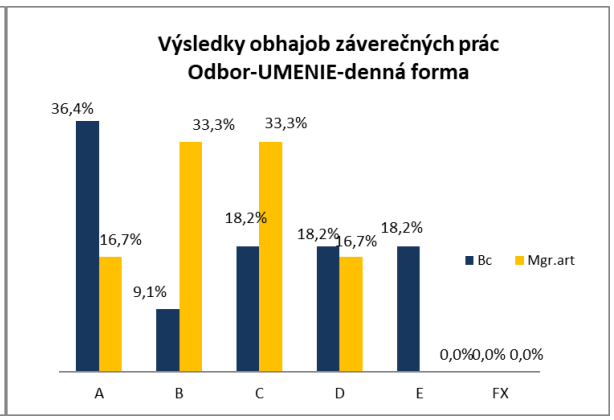












5
EVALUATION OF ADMISSION PROCEDURES FOR I AND II DEGREE

The admission procedure for the academic year 2022/2023 was announced for study programmes that were included in the process of alignment of the SP with the standards of the Slovak Accreditation Agency for Higher Education. Admission examinations for full-time studies in the first cycle in the Design of Furniture and Interior (Art) programme were held on 8 and 9 February 2022 by means of a talent examination, a test in fine arts, architecture and design and a test of technical creativity - exclusively online.

On 29 June 2022, the evaluation of the portfolio of the enrolled students and a personal interview of the candidates with the evaluation committee was carried out in Stage II of the School of Design of Furniture and Interior, which subsequently ranked the candidates.

Without entrance examinations, on the basis of the evaluation of the results from secondary school, students were admitted to full-time and part-time studies in other programmes of the first cycle. Without entrance examinations, on the basis of an assessment of the affinity of the field and programme of the completed first cycle studies and an evaluation of the average of the results achieved during the bachelor's studies and the result of the state examination and the defence of the bachelor's thesis, students were admitted to full-time and part-time studies in other second cycle programmes.

An overview of the projected enrolment numbers by study programme, enrolled, participating, admitted and enrolled students is given in Table 1. 80.8% (previous year 79%; 66.3%) of the planned number of admissions applied for full-time study programmes accredited at the Faculty of Wood Sciences and Technology. However, despite the market conditions for high school graduates, this situation does not change significantly.

In the full-time form of the first degree, the greatest interest in studying was in the programmes Design of Furniture and Interior (the ratio of enrolled and admitted was 1.71

(1.43; 1.66 last year), Fire Protection and Safety 1.09 (1.05; 1.2 last year). Compared to the previous year, interest in the study is down by 5%. The number of students enrolled in the full-time form of the second cycle of studies was similar to the number of graduates of the first cycle of studies.

In the external form, despite charging for studies and the extension of the standard length of study by one year, interest is stable. The planned numbers of students enrolled in the external form of the first and second cycle of studies were fulfilled at 51.7% (previous year: 48.7%; 54.7%). However, the maintenance of the number of students enrolled from previous years can be evaluated positively.

The number of full-time students enrolled was 118 (31%) lower than the number of students admitted (last year 30%; 21.7%), which is consistent with the trend of previous years, probably due to concurrent admissions to other universities and the entry of prospective students into employment this year. The number of students enrolled in the external form of study was 38 (26%) lower than the number of students admitted. In total, 370 students (396; 441, previous year) out of a total of 526 students admitted enrolled at the Faculty of Wood Sciences and Technology in the academic year 2022/2023, which is 70.3% (72.6%; 79%, previous year).

Despite the fact that admitted students have to confirm their interest in studying at the Faculty of Wood Sciences and Technology by return, in many cases this does not happen and ultimately the exact number of students enrolled for the academic year is only known after the physical enrolment of the student. In this academic year, enrolments took place on two dates (July and September) due to the pre-enrolment of students at other universities and were also affected by the pandemic emergency, but were conducted in a contact manner.

In conclusion, the admissions process can be assessed **as positive on the whole,** despite the decline in enrolments. The **decrease is 26 (6.5%) students.** There is a decrease of 4.7% (9 students) in the full-time first degree, but this negative phenomenon has been compensated by the enrolment of a higher number of external students than last year by 5 students. The biggest decrease in enrolled students is in the SP in Wood Sciences and Technology - a decrease of 49%, which is a very bad signal. However, the increase in the number of students enrolled in the MSc Business Economics and Management in DSP from 38 to 58 students can be viewed positively.

The reason for the lack of interest of students in the first cycle of studies in enrolment (telephone contacting of prospective students) was mainly due to the entry into employment. The decrease in enrolment of students in the second cycle of studies was 16.2%. Again, two years of COVID-19 measures and a smaller number of graduates in the first cycle of study, who in most cases go on to the second cycle of study, were reflected in this case.

Tab. 5.1 Entrance examinations at the Faculty of Wood Sciences and Technology for acad. Year 2022/23

Study field/programme	Plan for adoption	Logged in	Attendees	Accepted	Enrolled
Full-time study					
Level I					
Department: WOOD SCIENCES AND TECHNOLOGY					
Wood processing with IT support	20	1		1	0(4)
Timber and Wood Structures	50	37		37	22(34)
Furniture Design and Construction	30	20		20	8(21)
Total Department of **Wood Sciences and Technology**	**100**	**58**		**58**	**30(59)**

Department: ECONOMICS AND MANAGEMENT					
Economics and Business Management DSP	**60**	**84**		**84**	**58(38)**
Department: SAFETY AND SECURITY SCIENCES					
Fire protection and safety	**100**	**109**		**109**	**60(62)**
Department: ART					
Design of Furniture and Interior	**35**	**60**	**59**	**41**	**33(31)**
Total full-time study I. degree	***295***	***311(318)***	***59***	***292(302)***	***181(190)***
Level II					
Department: WOOD SCIENCES AND TECHNOLOGY					
Wood Engineering	20	0		0	0(2)
Timber and Wood Structures	30	17		17	17(21)
Furniture Design and Construction	20	10		10	10(5)
Production and Utilisation of Wood Products (taught in English)	10	0		0	0
Total Department of Wood Sciences and Technology	**80**	**27**		**27**	**27(28)**
Department: ECONOMICS AND MANAGEMENT					
Economics and Business Management DSP	**50**	**26**		**26**	**25(19)**
Department: SAFETY AND SECURITY SCIENCES					
Fire protection and safety	**60**	**30**		**30**	**26(39)**
Department: ART					
Design of Furniture and Interior	**15**	**10**	**9**	**7**	**5(10)**
Total full-time study II. degree	***205***	***93(109)***	***9***	***90(105)***	***83(96)***
Total full-time study	**500**	**404(427)**	**68**	**382(407)**	**264(286)**

continued from tab. 5.1

Study field/programme	Plan for adoption	Logged in	Attendees	Accepted	Enrolled
External study					
Level I					
Department: WOOD SCIENCES AND TECHNOLOGY					
Wood processing with IT support	10	5		5	2
Timber and Wood Structures	35	27		27	24(15)
Furniture Design and Construction	35	22		22	18(12)
Total Department of Wood Sciences and Technology	**80**	**54**		**54**	**44 (45)**
Department: ECONOMY AND MANAGEMENT					
Economics and Business Management DSP	**30**	**16**		**16**	**12(11)**
Specialisation: SAFETY AND SECURITY SCIENCES					
Fire protection and safety	**30**	**27**		**27**	**20(15)**
Total external study I. degree	***140***	***97(94)***		***97(93)***	***76(71)***
Level II					
Department: WOOD SCIENCES AND TECHNOLOGY					
Wood Engineering	10	0		0	0
Furniture Design and Construction	10	4		4	4(4)
Timber and Wood Structures	10	8		8	8(4)

Total Wood processing	**30**	**12**		**12**	**12(8)**
Department: ECONOMY AND MANAGEMENT					
Economics and Business Management DSP	**15**	**7**		**7**	**7(11)**
Specialisation: SAFETY AND SECURITY SCIENCES					
Fire protection and safety	**20**	**16**		**14**	**11(22)**
Total external study II. degree	***65***	***35(47)***		***47(45)***	***30(41)***
Total external study	**205**	**132(141)**		**144(138)**	**106(112)**
Full-time and part-time study together					
Level I	**435**	**408(412)**	**59(38)**	**389(395)**	**257(261)**
Level II	**270**	**128(156)**	**9(13)**	**137(150)**	**113(135)**
DF	**705**	**536(568)**	**68(51)**	**526(545)**	**370(396)**

Note: Figures in brackets are from the previous year.

Tab. 5.2 Indicators of entry into education

Number of applicants for study in the relevant academic year with citizenship other than Slovak	
Admission procedure year 2021/22	**Admission procedure year 2022/23**
35/568	58/536

Proportion of students admitted from other universities in 2nd and 3rd cycle of education		
	Year 2021/22	**Year 2022/23**
Level II	25/150	14/123
Level III	2/11	1/5

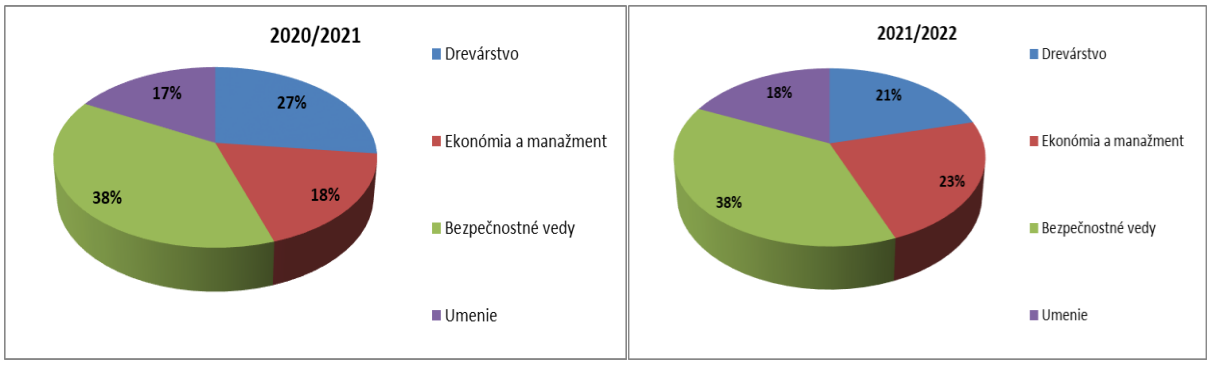
The results and trends of the educational entry indicators indicate a match between the supply of and interest in studying the college's study programmes.

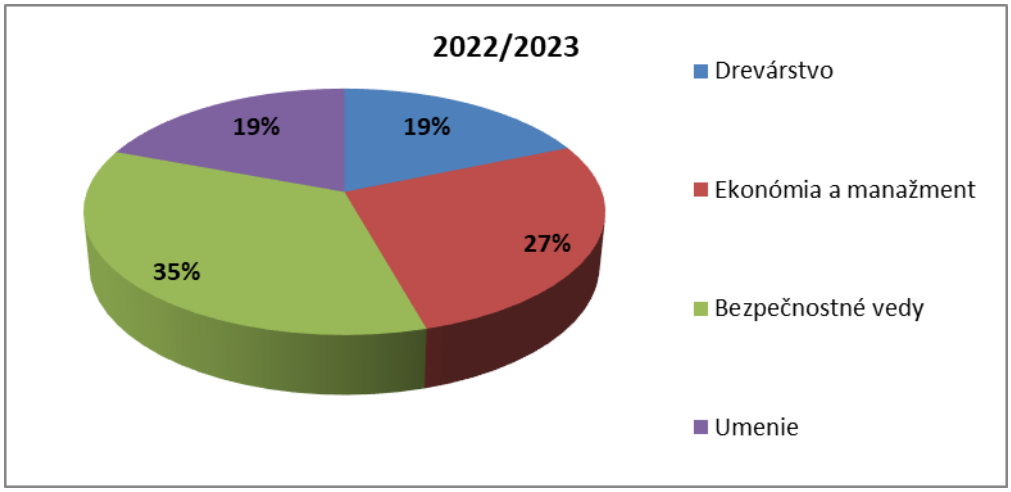
As part of the process of aligning the SP with the standards of the Slovak Accreditation Agency for Higher Education, study programmes were cancelled as of 1.9.2022:
Bachelor's degree:
Family business in the wood and furniture industry
Timber and Wood Structures - Volyně
Design and construction of furniture - Volyně
Students from the cancelled SP in Volyn, after their written consent, were transferred to the same SP implemented in Zvolen.

Engineering SP:
Management of Wood Sciences and Technology and furniture production
Production and Utilisation of Wood Products - provided in English

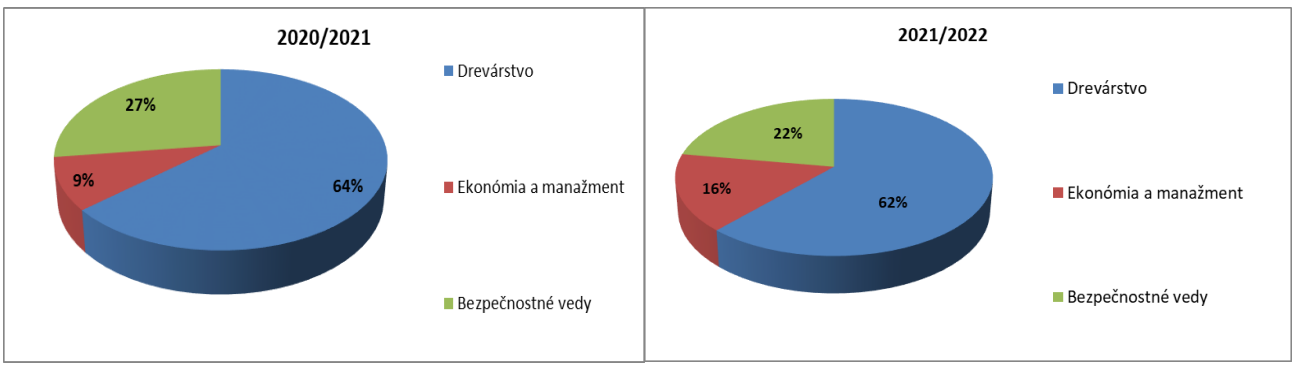
Total interest of all registered students in studying at the Faculty of Wood Sciences and Technology in the first cycle according to the enrolment in the field of study.

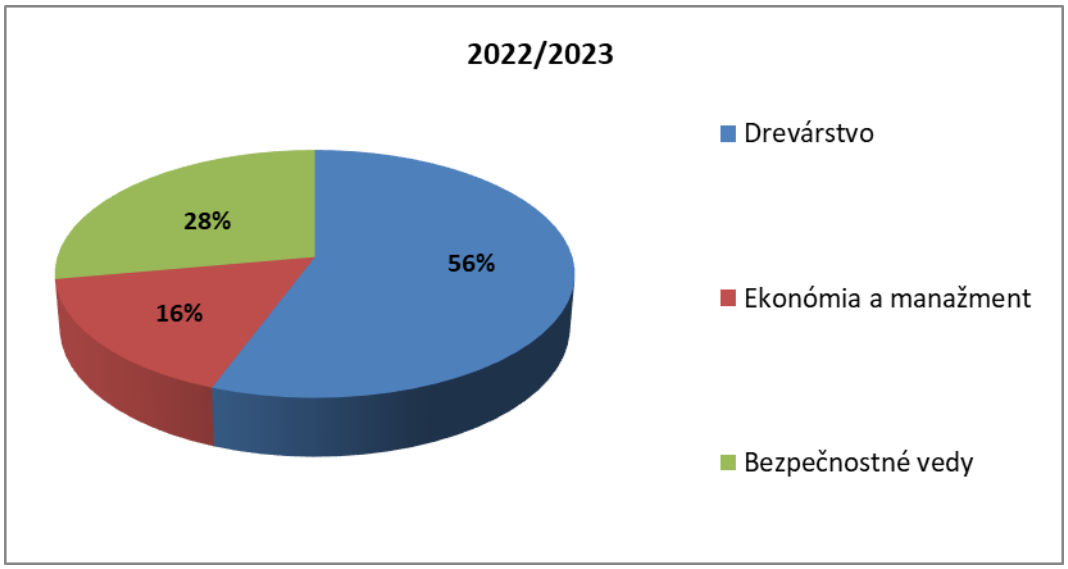
I. degree full-time study





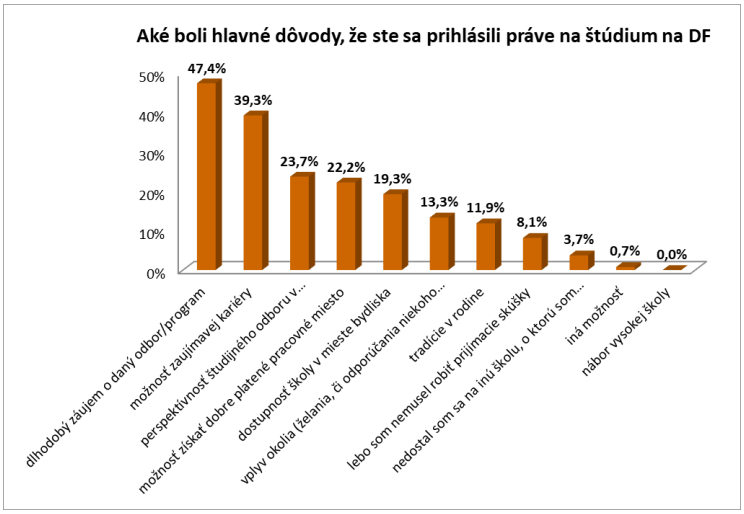
I. degree external study



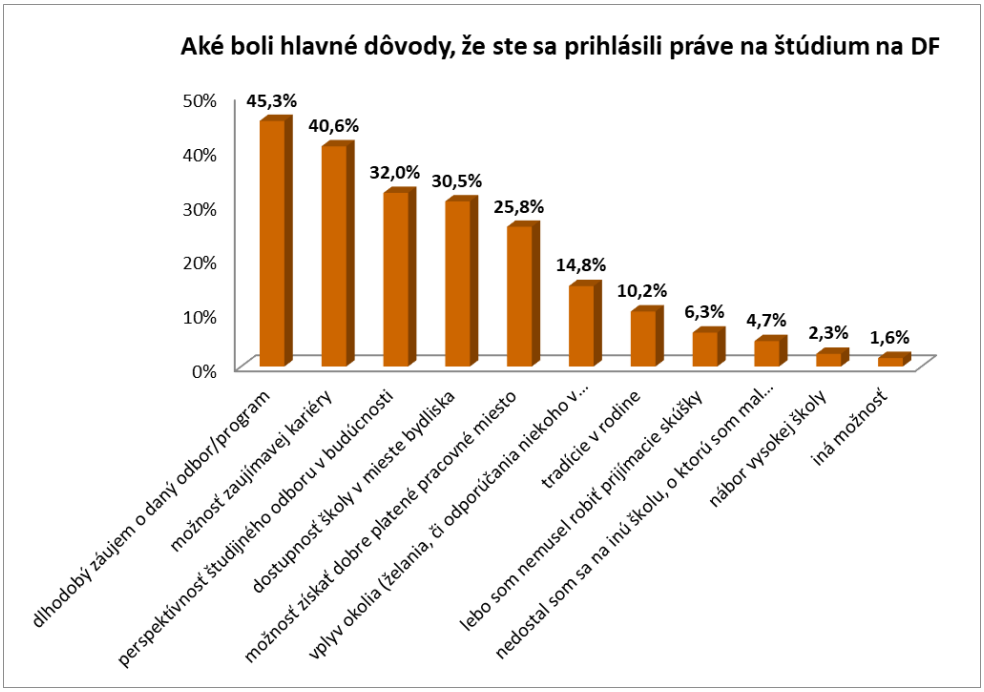


In the following section, the results of the questionnaire filled in by first year students of the first cycle of studies when enrolling for studies are processed. A total of 128 respondents answered the questionnaire. From the individual responses it is possible to ask questions and formulate answers on where to direct e.g. the marketing activities of the faculty in order to increase interest in studies.

Year 2021

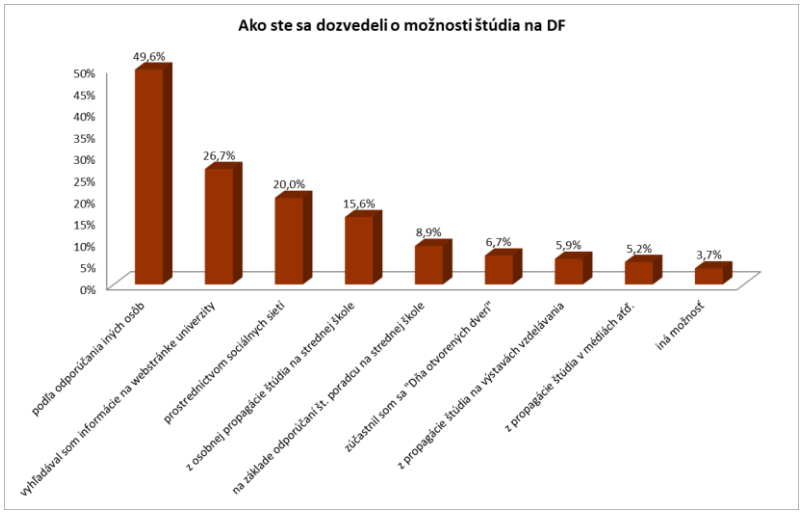


Year 2022

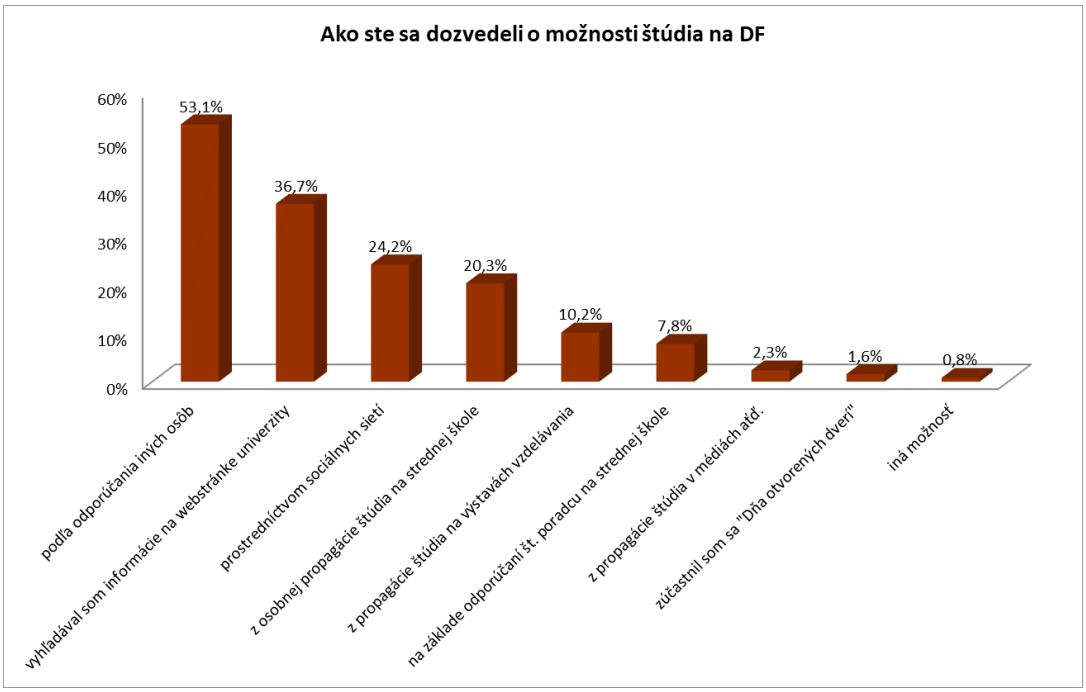


The answer "the possibility of an interesting career and a long-term interest in the field" are good signals for the DF in the future perspective of those interested in studying it. Reason - Availability of the school in the place of residence increased by more than 11% compared to the previous year. The need to increase targeted marketing in the vicinity of Zvolen is therefore justified.

Year 2021



Year 2022

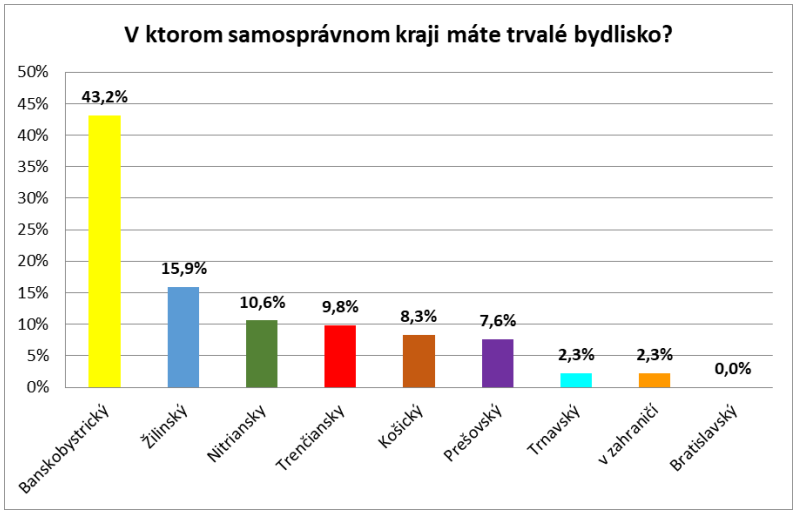


A very important factor influencing a potential candidate's decision is a recommendation from another person and therefore only a positive experience in the DF environment. Any negative mention has the effect of making the candidate unsure and looking for an alternative.

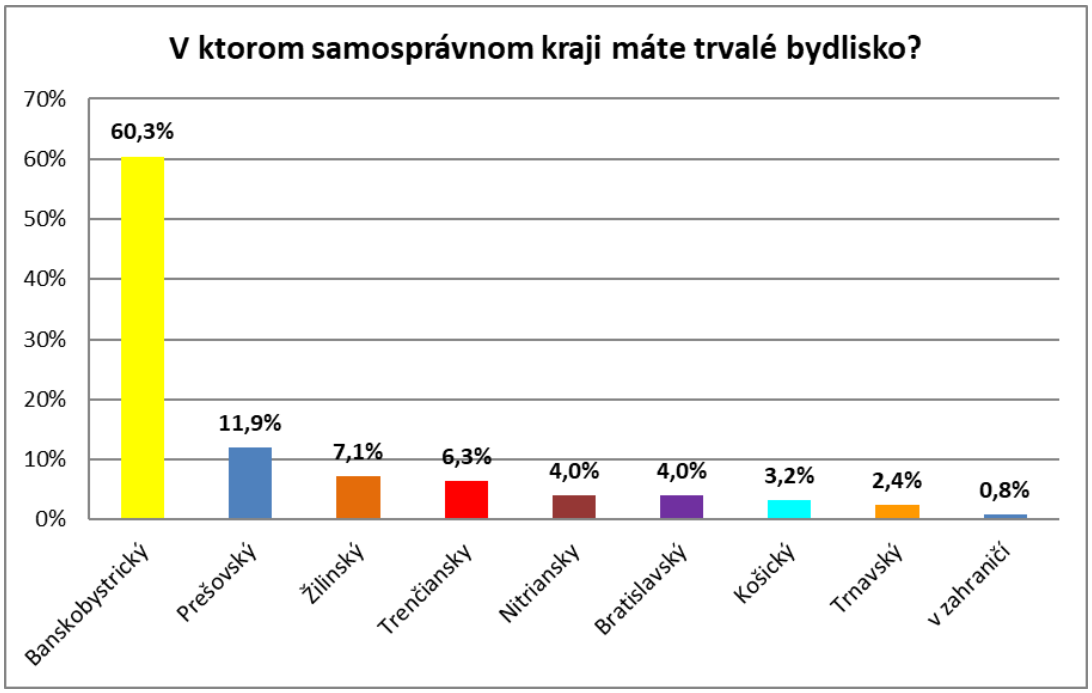
The content of the DF website and the promotion on social networks, where the interest in this type of information is growing every year, needs constant attention.

The years 2022 and 2021 were specific in the absence of promotional exhibitions and open days due to the COVID-19 pandemic. The entire promotion of the DF was transferred only to the online space - various virtual open days implemented by external companies and a significant increase in interest in social networks, as seen in the increase in the % of interest in this medium. This aspect of promotion needs to be strengthened again this year to the maximum possible level.

Year 2021



Year 2022



In 2022, the share of students from the BB region increased by up to 17%. This trend has been increasing significantly in recent years. We can assume that the main reason is e.g. the finances needed to study. Nevertheless, marketing activities need to be directed also to the rest of the country with the presentation of TUZVO as a green university and a family-type university (all in one place).

6
STUDENT NUMBERS AND EDUCATIONAL ACTIVITIES IN STUDY PROGRAMMES III. STEP

Six study programmes in four fields of study were accredited at the Faculty of Wood Sciences and Technology in the third cycle of study in the academic year 2021/2022:
- in the field of Wood Sciences and Technology study programme Wood Processing Technology, Structure and Properties of Wood and study programme Design and Processes of Wood Products Production,
- in the field of Safety and Security Sciences study programme Fire Protection and Security,
- in the field of Art study programme Furniture and Living design.

The admission procedure takes the form of a written test in a foreign language and a personal interview before an admissions committee consisting of members of the relevant Degree III Board of Studies.

Doctoral studies at the Faculty of Science and Arts are governed by disciplinary committees in 6 fields of doctoral studies, whose members have been approved by the Scientific and Artistic Board of the Faculty of Wood Sciences and Technology. According to the current

regulations, full-time study lasts 3 years, part-time study 4 years and 5 years in catch-up study programmes. After a successful defence, the graduate of the study receives the academic degree "PhD." (philosophiae doctor) or "ArtD. (artis doctor).

An overview of the number of students by year is given in Table 6.1, and an overview of the number of students by discipline and programme is given in Table 6.2.

Table 6.1 Overview of the number of students in the third cycle of study by year and form of study in the academic year 2021/2022 (as of 31 October 2021)

Vintage	Form of study		Number of students	
	Daily	External	Together	of which foreign
1st year	7	4	11	0
2nd year	6	4	10	0
3rd year	7	0	7	1
4th year	0	3	3	0
5th year	0	2	2	0
Total	**20** (20**)**	**13** (15**)**	**33** (35)	**1** (0)

Note: Figures in brackets are from the previous year.

Table 6.2 Overview of the number of students in the third cycle of studies by fields and programmes in the academic year 2021/2022 (as of 31.10.2021)

Study programme	Number of students (form of study)						
	Total	Total		of which Newcomers		of which Foreign	
		Daily	External	Daily	External	Daily	External
Wood processing technology	3	3	0	1	0	0	0
Wood processing technology dobieh.	1	0	1	0	0	0	0
Structure and properties of wood	2	1	1	0	0	0	0
DV design and manufacturing processes	11	7	4	4	2	0	0
DV dobieh design and manufacturing processes.	1	0	1	0	0	0	0
Fire protection and safety	7	3	4	1	1	0	0
Furniture and Living design	8	6	2	1	1	1	0
TOTAL	**33**(35)	**20**(21)	**13**(9)	**7**	**4**	1 (0)	**0** (0)
				11 (10)			

Note: Figures in brackets are from the previous year.

Numbers of doctoral students have stabilised. The number of students enrolled in 2021/2022 is shown in Table 6.4. An overview of the number of graduates is given in Table 6.3.

Table 6.3 Overview of the number of graduates of level III in the academic year 2021/2022 (as of 31 August 2022)

Study programme	Number of graduates		
	daily form	external form	Total
Wood processing technology	1	1	2
Structure and properties of wood	0	0	0
DV design and manufacturing processes	1	2	3
Fire protection and safety	0	2	2
Furniture and Living design	3	0	3
TOTAL	**5**(6)	**5** (1)	**10** (7)

Note: The figure in brackets is from the previous year.

Table 6.4 Overview of the number of enrolled Level III students in the academic year 2022/2023 (all/new entrants)

Field of Study/Programme	Number of students	
	Daily	External
Safety and Security Sciences/Fire Protection and Safety	4/1	1/0
Wood Technology/Wood Processing Technology	9/2	4/1
Art/Furniture and Living design	3/1	2/0
[1] Economics and Management/Economics and management of the forestry-logging complex	8/1	2/1
Total	**24/5**	**9/2**

Note: all/new entrants

[1] A study programme implemented by the university. Out of ten students, 6 students have a dissertation supervisor from the DF staff.

As part of the process of aligning the SP with the standards of the Slovak Accreditation Agency for Higher Education, the following third-level study programmes were abolished as of 1.9.2022:
Structure and properties of wood in Slovak and English
Designs and processes of wood products manufacturing.
Students from the cancelled SP, after their written consent, were transferred to the SP Wood Processing Technology.

In addition to professors and associate professors of the Faculty of Wood Sciences and Technology, the teaching of subjects in the third level of study is also provided by professors and associate professors of the Faculty of Wood Sciences and Technology, FEE, FT and the staff of the Institute of Wood Sciences and Technology. Professors and associate professors of the Faculty of Wood Sciences and Technology supervise and ensure the teaching of Level III subjects at the Faculty of Wood Sciences and Technology and FEE. Hours for consultation and examination have been added to the actual teaching hours of the teachers in the academic year 2021/2022, according to the current unified calculations at TU.

In the academic year 2021/2022, 6 doctoral students passed the dissertation examination: Ing. Michal Bélik, Ing. Marek Hodálik, Ing. Elena Kmet'ová, Ing. Viktória Satinová, Mgr. Ing. Patrik Štompf.

In the academic year 2021/2022, 10 doctoral students in individual doctoral study programmes defended their dissertations:

Designs and processes for the manufacture of wood products

1. **Ing. Ján Kalafús, PhD.** : Green logistics in the context of sustainability of wood processing enterprises
   Supervisor: prof. Ing. Prof. Mariana Sedliačiková, PhD.
2. **Mgr. Katarína Tuhárska, PhD.** : Resonance properties of spruce and maple wood and their influence on the tonal quality of wooden organ pipes
   Supervisor: doc. RNDr. Anna Danihelová, PhD.
3. **Ing. Rozália Vaňová, PhD.** : Life cycle analysis of environmental impacts for selected wood-based building systems
   Supervisor: prof. Ing. Prof. Jozef Štefko, CSc.

Fire protection and safety

4. **Radovan Hilbert, PhD** : Application of digital image analysis as a decision support tool in forest fire prevention
   Supervisor: doc. Ing. Ivan Kubovský, PhD.
5. **PaedDr. Patrik Tischler, PhD. MBA**: Computer modeling of selected parameters of fire dynamics in fire protection practice
   Supervisor: doc. Ing. Andrea Majlingová, PhD.

Wood processing technology

6. **Ing. Dávid Ciglian, PhD.** : Technological conditions for the production of laminated beams using recycled spruce wood and PUR glue
   Supervisor: prof. Ing. Prof. Ladislav Reinprecht, CSc.
7. **Ing. Monika Žofková, PhD.:** Optimization of the logistics system in the process of production of selected wood products (sawmill, building and carpentry, furniture products)
   Supervisor: doc. Ing. Josef Drábek, CSc.

Furniture and Living design

8. **Mgr. Miroslava Hrnčíř, ArtD.** : Specification of a design furniture solitaire as a probe of authentic visual style
   Supervisor: doc. Mgr. Mgr. art. Marián Ihring, ArtD.
9. **Mgr. art. Karolína Štefániková, ArtD.** : Furniture - design - man
   Supervisor: doc. Prof. akad. Sculptor. René Baďura
10. **Mgr. Matej Záborský, ArtD.** : Furniture - Design - Man
    Supervisor: doc. Prof. akad. Sculptor. René Baďura

7
TEACHING LOAD OF TEACHERS

In determining the subsidy for the implementation of accredited study programmes, the number of students, the number of graduates, the economic difficulty of the study programmes, the integration of the university, the applicability of graduates in practice, quality and other aspects related to the provision of teaching are decisive. Similarly, at TU Zvolen, the teaching performance of the faculties is calculated in a similar way, while the relationship for the calculation of the teaching performance of the faculties also takes into account the inter-counting of teaching between the faculties.

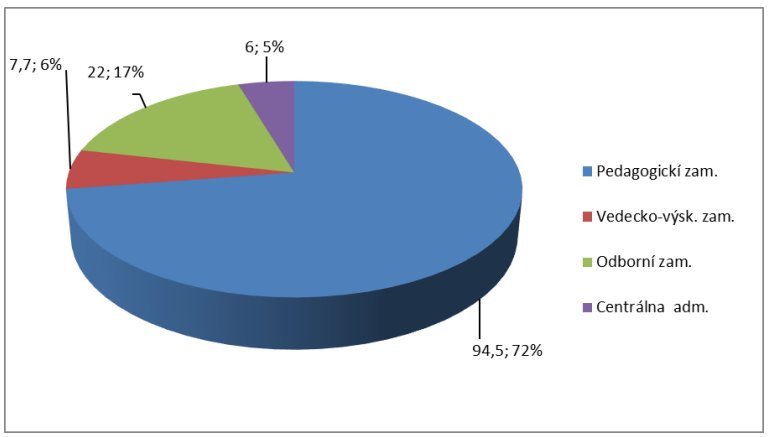
Table 7.1 Structure of DF staff by job classification as of 30.6.2022

Workplace	Pedagogical Full-time	Science-full-time research	Professional employees.	Central Administration	DF
Dean's Office DF	-	-	-	4	4
KDNI	11,9	1	2	-	14,9
KDS	6	-	1		7
KFEAM	6	1*	0,4	-	6,4+1*
KCHCHT	5	-	4,6	-	9,6
KMDG	8	-	0,4	-	8,4
KMOSL	9,6	-	1	-	10,6
KDT	6	-	4	-	10
KND	4	1,8+2*	0,6	-	6,4+2*
KNDV	6	1	1,4	-	8,4
CODE	4	2+1*	0	-	6+1*
KEMP	14	0,95	1	-	15,95
KPO	10,5	5*	3	-	13,5+5*
Total	**91**	**6,75+9***	**19,4**	**4**	**121,15+9***

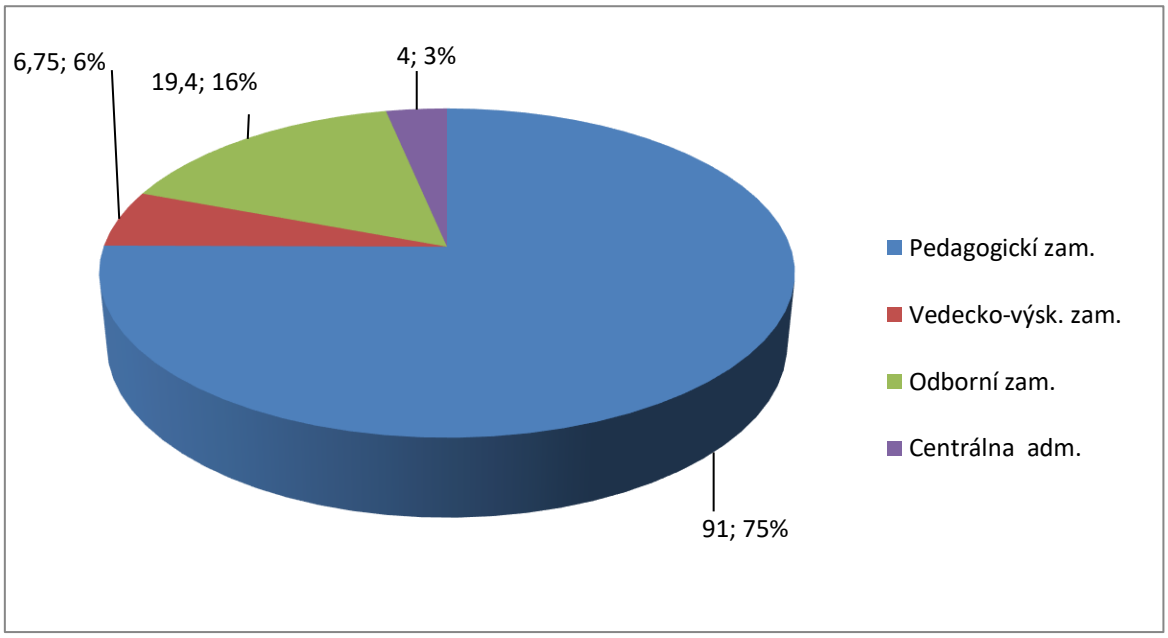
* 100% project funding

Structure of the DF staff according to their classification.

Year 2021



Year 2022



The funding of universities from the budget is approximately 50:50 for performance in pedagogy and research, given the distribution of the performance subsidy. According to the overview of performance, it is clear that teaching staff contribute not only to the teaching performance of the faculty but also to a significant extent to the performance in scientific research. Similarly, research and professional staff also contribute to teaching performance.

In the following section we will discuss the departmental loadings according to the calculation of direct and indirect converted teaching. The number of working days per year is about 250, the working time of a teaching staff member is 7.5 hours per day. This adds up to approx. 1 950 hours per year, including holidays. The networking time is approx. 1550 hours. The working time of a teaching staff member at a university should be divided, as already stated, in the ratio of approximately 50% of the working time for teaching and 50% of the working time for science and research.

The tables show the teaching load of the teachers of the Faculty of Wood Sciences and Technology in the individual departments in the academic years 2020/2021 and 2021/2022 in terms of direct teaching, indirect teaching (thesis supervision) and total teaching in hours.

Tables 7.2 and 7.3 summarise the so-called score evaluations that were obtained from the UIS. The data are based on timetable actions, so it is very important that the person responsible for the course (the course leader) assigns lecturers to timetable actions for lectures and tutorials or seminars. If this condition is not observed, the evaluation points will not be calculated correctly. The teaching load of the department is the value of the teaching staff only. Teaching hours in 2021/2022 are reported in total for the whole department, with teaching hours for PhD students, external students and staff whose employment has ended at the Faculty of Wood Sciences and Technology. Department Heads have a detailed description of each member of staff in the department.

Table 7.2 Teaching of the departments of the Faculty of Wood Sciences and Technology of the University of Science and Technology in the academic year 2021/2022 (UIS evaluation scores used)

Department	Full-time	Teaching calculated in total h	Final thesis total h	Total h	Average per 1	% of total
KDNI*	13,5	40 647,61	1 680	**42 327,61**	**3 135,38**	36,27
KPO	11,5	10 367,91	4 260	**14 627,91**	**1 271,99**	12,53
KDS	7	52 95,27	2 280	**7 575,27**	**1 082,18**	6,49
CODE	4	3 781,60	210	**3 991,60**	**997,90**	3,42
KMOSL	9,5	6 388,59	2 790	**9 178,59**	**966,17**	7,86
KCHCHT	5	3 919,52	780	**4 699,52**	**939,90**	4,03
KFEAM	6	5 158,10	450	**5 608,10**	**934,68**	4,80
KND	4	3 093,00	420	**3 513,00**	**878,25**	3,01
KEMP	13	8 673,00	2 550	**11 223,00**	**863,31**	9,62
KMDG	8	5 812,50	150	**5 962,50**	**745,31**	5,11
KDT	6	3 166,50	630	**3 796,50**	**632,75**	3,25
KNDV	7	3 790,60	420	**4 210,60**	**601,51**	3,61
DF	94,50	100 094,20	16 620,00	**116 714,20**	**1 235,07**	100,00

*The higher number of hours in the Department of Design of Furniture and Interior reflects the need to involve more staff for teaching studios. Studio is subsidized by 10 hrs and a factor of 3 and is counted at 100% for each staff member.

Table 7.3 Teaching of the departments of the Faculty of Wood Sciences and Technology of the University of Science and Technology in the academic year 2021/2022 (UIS evaluation scores used)

Department	Full-time	Teaching calculated in total h	Final thesis total h	Total h	Average per 1	% of total
KDNI	11,9	34 785,65	1 110	**35 895,65**	**3 016,44**	32,19
KDS	6	5 602,14	2 610	**8 212,14**	**1 368,69**	7,36
KPO	10,5	9 948,90	4 150	**14 098,90**	**1 342,75**	12,64
KFEAM	6	5 523,92	420	**5 943,92**	**990,65**	5,33
KMOSL	9,6	6 964,00	2 130	**9 094,00**	**947,29**	8,16
KND	4	3 148,00	480	**36 28,00**	**907,00**	3,25
CODE	4	3 429,52	150	**3 579,52**	**894,88**	3,21
KCHCHT	5	3 521,32	810	**4 331,32**	**866,26**	3,88
KEMP	14	9 066,79	2 850	**11 916,79**	**851,20**	10,69
KNDV	6	4 065,48	900	**4 965,48**	**827,58**	4,45
KMDG	8	6 069,00	270	**6 339,00**	**792,38**	5,68
KDT	6	2 815,50	690	**3 505,50**	**584,25**	3,14
DF	91,00	94 940,22	16 570,00	**111 510,22**	**1 225,39**	100,00

*The higher number of hours in the Department of Design of Furniture and Interior reflects the need to involve more staff for teaching studios. Studio is subsidized by 10 hrs and a factor of 3 and is counted at 100% for each staff member.

The average teaching load of the teachers of the Faculty of Woodwork is high in the long term. A level of about 900 hours is considered optimal. The workload has decreased by about 4.5% compared to the previous year, which reflects the smaller number of students, open courses and groups.

One of the reasons for the high workload of teachers is the high number of courses in the implementation of the programmes of I. and II. degree. Over the last three years this is a decrease of about 18%. Increased attention needs to be paid to the number of PV courses opened and to streamline the number of courses and the course occupancy in the group, which is very difficult and even impossible due to the possibility of profiling the student, given the low number of students in the individual SPs. The teaching of these subjects constitutes a large part of the teaching at the DF. The teaching load of the teachers of the departments that provide teaching mainly in only one study programme (POB, KEMP, KDS, KMOSL) is even increased due to the high number of conducted and defended final theses of the programme. Students preferably choose the topic of the thesis from the teachers of this department.

Tab. 7.4 Number of final theses at DF

Workplace	BP	DP	DizP	Total
Faculty of Wood Sciences and Technology	**189 (152)**	**128 (119)**	**18 (13)**	**335 (284)**
Department of Mathematics and Descriptive Geometry (DF)	**1 (1)**	**1 (1)**	**-**	**2 (2)**
Hýrošová Tatiana, RNDr., PhD. (KMDG DF)	1 (1)	-	-	1 (1)
Schmidtová Jarmila, Mgr., PhD. (KMDG DF, ext FT)	-	1 (1)	-	1 (1)
Lizoňová Denisa, Ing., ArtD. (KMDG DF)	2 (1)	2 (2)	-	4 (3)
Department of Chemistry and Chemical Technology (DF)	**9 (7)**	**7 (7)**	**-**	**16 (14)**
Bubeníková Tatiana, Ing., PhD. (KCHCHT DF)	1 (0)	2 (2)	-	3 (2)
Čabalová Iveta, doc. Ing., PhD. (KCHCHT DF)	2 (2)	1 (1)	-	3 (3)
Kučerová Viera, Mgr., PhD. (KCHCHT DF)	2 (1)	3 (3)	-	5 (4)
Výbohová Eva, Ing., PhD. (KCHCHT DF)	4 (4)	1 (1)	-	5 (5)
Department of Wood Science (DF)	**2 (2)**	**3 (2)**	**-**	**5 (4)**
Kúdela Jozef, prof. Ing., CSc. (KND DF, EEEXO)	1 (1)	-	-	1 (1)
Lagaňa Rastislav, doc. Ing., PhD. et PhD. (KND DF)	-	2 (1)	-	2 (1)
Mamoňová Miroslava, doc. Ing., PhD. (KND DF)	1 (1)	1 (1)	-	2 (2)
Department of Physics, Electrical Engineering and Applied Mechanics (DF)	**1 (1)**	**4 (4)**	**2 (2)**	**7 (7)**
Danihelová Anna, doc. RNDr., PhD. (KFEAM DF)	-	-	1 (1)	1 (1)
Igaz Rastislav, Ing., PhD. (KFEAM DF)	1 (1)	-	-	1 (1)
Krišťák Ľuboš, doc. PaedDr., PhD. (KFEAM DF)	-	2 (2)	-	2 (2)
Kubovský Ivan, doc. Ing., PhD. (KFEAM DF)	-	2 (2)	1 (1)	3 (3)
Department of Mechanical Wood Technology (DF)	**-**	**-**	**1 (0)**	**1 (0)**
Réh Roman, prof. Ing., CSc. (KDT DF, ext FT)	-	-	1 (0)	1 (0)
Department of Furniture and Wood Products (DF)	**15 (10)**	**7 (6)**	**1 (0)**	**23 (16)**
Fekiač Jozef, Ing., PhD. (KNDV DF)	1 (1)	1 (1)	-	2 (2)
Gáborík Jozef, doc. Ing., CSc. (KNDV DF)	1 (1)	1 (0)	-	2 (1)
Jurek Andrej, Ing. (DF D-TSD den [interrupted])	2 (1)	-	-	2 (1)
Langová Nadezhda, doc. Ing., PhD. (KNDV DF)	3 (2)	2 (2)	1 (0)	6 (4)
Slabejová Gabriela, Ing., PhD. (KNDV DF)	5 (3)	1 (1)	-	6 (4)
Vilhanová Anna, Ing., PhD. (KNDV DF)	1 (1)	-	-	1 (1)

Workplace	BP	DP	DizP	Total
Department of Marketing, Business and World Forestry (DF)	**27 (19)**	**17 (17)**	**1 (1)**	**45 (37)**
Hlodák Marek, Ing. (Rekt D-EMLDK den [year 3])	1 (1)	-	-	1 (1)
Kaputa Vladislav, Ing., PhD. (KMOSL DF, Rekt C-DPS ext [sem3, year 2])	7 (3)	3 (3)	-	10 (6)
Loučanová Erika, doc. Ing., PhD. (KMOSL DF)	-	10 (10)	-	10 (10)
Nosáľová Martina, Ing., PhD. (KMOSL DF)	-	1 (1)	-	1 (1)
Olšiaková Miriam, Ing., PhD. (KMOSL DF)	5 (2)	1 (1)	-	6 (3)
Oravcová Triznová Miroslava, Ing., PhD. (KMOSL DF [terminated])	6 (5)	-	-	6 (5)
Paluš Hubert, doc. Ing., PhD. (KMOSL DF, ext LF)	5 (5)	-	1 (1)	6 (6)
Parobek Ján, doc. Ing., PhD. (KMOSL DF, EEEXO, ext LF)	1 (1)	2 (2)	-	3 (3)
Rokonalová Alena, Ing. (Rekt D-EMLDK den [year 3])	1 (1)	-	-	1 (1)
Slašťanová Nikola, Ing., PhD. (EEEXO)	1 (1)	-	-	1 (1)
Department of Wood Sciences and Technology (DF)	**3 (3)**	**-**	**-**	**3 (3)**
Kminiak Richard, doc. Ing., PhD. (KOD DF)	3 (3)	-	-	3 (3)
Department of Fire Protection (DF)	**41 (34)**	**42 (40)**	**2 (1)**	**85 (75)**
Danihelová Anna, doc. RNDr., PhD. (KFEAM DF)	2 (2)	1 (1)	-	3 (3)
Hancko Dušan, Ing. (EEEXO)	1 (0)	-	-	1 (0)
Hodálik Marek, Ing. (Rekt C-DPS ext [sem 3, year 2], DF D-PPOB den [year 3])	2 (2)	-	-	2 (2)
Horváth Ján, Ing., PhD. (KPO DF)	3 (3)	3 (2)	-	6 (5)
Chromek Ivan, Ing. Mgr., PhD. (KPO DF)	3 (3)	4 (4)	-	7 (7)
Kačíková Danica, prof. RNDr., MSc., PhD. (KPO DF)	2 (1)	8 (7)	-	10 (8)
Kmeťov Elena, Ing. (Rekt C-DPS ext [sem 3, year 2], DF D-PPOB den [year 3])	2 (1)	-	-	2 (1)
Majlingová Andrea, doc. Ing., MSc., PhD. (KPO DF, ROOUS ÚR Rekt, EEEXO)	4 (3)	2 (2)	2 (1)	8 (6)
Mitterová Iveta, Ing., PhD. (KPO DF)	-	3 (3)	-	3 (3)
Mračková Eva, doc. Ing., PhD. (KPO DF)	2 (0)	5 (5)	-	7 (5)
Orémusová Emília, Ing., PhD. (KPO DF)	3 (2)	3 (3)	-	6 (5)
Špilák Dominik, Ing., PhD. (KPO DF)	6 (6)	1 (1)	-	7 (7)
Tereňová Ľudmila, Ing., PhD. (KPO DF, CĎV C-CV ext [sem 2, year 1])	1 (1)	5 (5)	-	6 (6)
Tischler Patrik, PaedDr., PhD., MBA (KPO DF, EEEXO)	3 (3)	-	-	3 (3)
Veľková Veronika, Ing., PhD. (KPO DF)	2 (2)	4 (4)	-	6 (6)
Zachar Martin, doc. Ing., PhD. (KPO DF, EEEXO)	5 (5)	3 (3)	-	8 (8)
Department of Wooden Structures (DF)	**39 (34)**	**14 (14)**	**1 (1)**	**54 (49)**
Búryová Dominika, Ing., PhD. (KDS DF)	6 (4)	4 (4)	-	10 (8)
Čulík Martin, doc. Ing., PhD. (KDS DF, EEEXO)	2 (2)	-	-	2 (2)
Haladěj Martin, Ing. (DF D-TSDE ext [year 3], ext DF)	2 (2)	-	-	2 (2)
Jochim Stanislav, Ing., PhD. (KDS DF)	7 (6)	1 (1)	-	8 (7)
Rohanová Alena, doc. Ing., PhD. (KDS DF)	1 (1)	-	-	1 (1)
Sedlák Pavol, Ing., PhD. (KDS DF)	5 (5)	3 (3)	-	8 (8)
Soyka Roman, Ing., PhD. (KDS DF)	3 (3)	4 (4)	-	7 (7)
Štefko Jozef, prof. Ing., CSc. (KDS DF)	4 (4)	2 (2)	1 (1)	7 (7)
Štompf Patrik, Ing. (DF D-TSD den [year 3])	4 (2)	-	-	4 (2)
Uhrín Róbert, Ing. (DF D-TSD den [year 2])	3 (3)	-	-	3 (3)
Vaňová Rozália, Ing., PhD. (KDS DF, Rekt C-DPS ext [sem 3, year 2])	2 (2)	-	-	2 (2)
Department of Design of Furniture and Interior (DF)	**11 (11)**	**6 (6)**	**4 (3)**	**21 (20)**
Baďura René, doc. akad. sculptor (KDNI DF)	2 (2)	-	3 (2)	5 (4)
Farkašová Elena, Mgr., ArtD. (KDNI DF)	1 (1)	-	-	1 (1)

Workplace	BP	DP	DizP	Total
Chovan Miroslav, Ing., ArtD. (KDNI DF)	1 (1)	-	-	1 (1)
Ihring Marián, doc. Mgr. art., ArtD. (KDNI DF)	-	2 (2)	1 (1)	3 (3)
Kaštierová Júlia, Mgr. art., ArtD. (KDNI DF, EEEXO)	1 (1)	-	-	1 (1)
Nôta Roman, Ing., PhD. (KDNI DF)	-	2 (2)	-	2 (2)
Somora Martin, Ing. arch., ArtD. (KDNI DF)	2 (2)	1 (1)	-	3 (3)
Spišiaková Kružlicová Lucia, Mgr. art., ArtD. (KDNI DF)	2 (2)	-	-	2 (2)
Tončíková Zuzana, doc. Ing., ArtD. (KDNI DF)	2 (2)	1 (1)	-	3 (3)
Department of Wood Technology (DF)	**7 (5)**	**6 (3)**	**1 (1)**	**14 (9)**
Iždinský Ján, Ing., PhD. (KDT DF)	3 (2)	1 (0)	-	4 (2)
Klement Ivan, prof. Ing., CSc. (KDT DF)	1 (0)	2 (1)	-	3 (1)
Réh Roman, prof. Ing., CSc. (KDT DF, ext FT)	-	2 (1)	-	2 (1)
Reinprecht Ladislav, prof. Ing., CSc. (KDT DF)	-	-	1 (1)	1 (1)
Vidholdová Zuzana, Ing., PhD. (KDT DF)	2 (2)	-	-	2 (2)
Vilkovský Peter, Ing., PhD. (KDT DF, EEEXO)	1 (1)	1 (1)	-	2 (2)
Department of Economics, Management and Entrepreneurship (DF)	**33 (25)**	**21 (19)**	**3 (3)**	**57 (47)**
Aláč Patrik, Ing., PhD. (KEMP DF [terminated])	2 (0)	2 (1)	-	4 (1)
Drábek Josef, doc. Ing., CSc. (KEMP DF, SQ ÚQ Rekt)	3 (2)	-	1 (1)	4 (3)
Gejdoš Pavol, Ing., PhD. (KEMP DF)	2 (2)	2 (2)	-	4 (4)
Hitka Miloš, prof. Ing., PhD. (KEMP DF)	-	1 (1)	1 (1)	2 (2)
Kánová Martina, Ing., PhD. (KEMP DF)	1 (1)	-	-	1 (1)
Klementová Jarmila, Ing., PhD. (KEMP DF)	5 (2)	1 (1)	-	6 (3)
Lesníková Petra, Ing., PhD. (KEMP DF)	-	4 (4)	-	4 (4)
Lorincová Silvia, doc. Ing., PhD. (KEMP DF)	1 (1)	1 (1)	-	2 (2)
Melichová Miroslava, Ing. (Rekt D-EMLDK den [year 3])	1 (1)	-	-	1 (1)
Moresová Mária, Ing., PhD. et PhD. (KEMP DF)	6 (5)	5 (4)	-	11 (9)
Poláková Natália, Ing. (Rekt D-EMLDK den [year 2])	1 (1)	-	-	1 (1)
Potkány Marek, doc. Ing., PhD. (KEMP DF)	4 (3)	1 (1)	-	5 (4)
Sedliačiková Mariana, prof. Ing., PhD. (KEMP DF)	-	3 (3)	1 (1)	5 (5)
Simanová Ľubica, Ing., Ph.D., PhD. (KEMP DF)	1 (1)	1 (1)	-	2 (2)
Sujová Andrea, doc. Ing., PhD. (KEMP DF)	6 (6)	-	-	6 (6)

Item. : In brackets is the number of successfully defended theses

BP-Bachelor thesis, DP - Diploma thesis, DizP -Dissertation thesis

The number of final theses in each department reflects the number of students in the study programme for which the department is the guarantor. The stabilisation of supervised theses in science departments can be positively assessed.

The criterion for conducting thesis supervision at the Faculty of Wood Sciences and Technology in Stages I and II is the maximum number of 10 supervised theses per one employee for both stages combined.

In the following section of the report, the calculation of the so-called student-hours, which are determined, for example, in the calculation of the creditability of teaching within the TUZVO and the calculation of the subsidy, is presented.

The number of student-hours is defined as the product of the course endowment, the number of students enrolled in the normal form of study for this course and the number of teaching weeks in the semester.

The number of teaching hours is defined as the sum of the direct teaching component and the student examination component, where direct teaching is defined as the product of the

sum of the durations of all timetable events in a given week and the number of teaching weeks in a semester (with the addition of the length of combined teaching) and the examination component is defined as the product of the number of examined students of both forms of study (normal and consultative) and a coefficient of 0.5.

Table 7.5 Basic overview of the number of student hours DF 2021/2022

The following table shows a basic overview of the number of student hours issued and received by individual faculties. The total in the Total column represents the sum of all student hours on that row, excluding those provided by a particular department to itself.

Faculty	Issued/Accepted by	DF	FEE	FT	LF	Rekt	Total
DF	V	**435 356**	9 698	5 508	13 462	15 812	44 480
	P		700	17 162	280	0	18 142
Rekt	V	0					**0**
	P	15 812					15 812
ÚCJ (043)	V	21 247					21 247
ITC (087)	V	5 516					5 516

Set of student hours (Full-time study only)

The following table gives an overview of the student hours provided by the individual departments for a given form of study.

Issued/Accepted by	DF	FEE	FT	LF	Rekt	Total
DF	349 132	8 526	4 116	11 746	11 732	**385 252**
FEE	700	0	0	0	0	**700**
FT	13 860	0	0	0	0	**13 860**
LF	280	0	0	0	0	**280**
Rekt	0	0	0	0	0	**0**
ÚCJ (043)	17 486	0	0	0	0	**17 486**
ITC (087)	5 516	0	0	0	0	**5 516**

Set of student hours (External combined form of study only)

The following table gives an overview of the student hours provided by the individual departments for the given form of study.

Issued/Accepted by	DF	FEE	FT	LF	Rekt	Total
DF	86 224	1 172	1 392	1 716	4 080	**94 584**
FEE	0	0	0	0	0	**0**
FT	3 302	0	0	0	0	**3 302**
LF	0	0	0	0	0	**0**
Rekt	0	0	0	0	0	**0**
ÚCJ (043)	3 761	0	0	0	0	**3 761**
ITC (087)	0	0	0	0	0	**0**

Table 7.6 Basic overview of the number of student hours by department

Overview of student hours provided by DF faculty departments

The following table shows a basic overview of the number of student hours provided by individual departments of the faculty.

Providing workplace	DF	FEE	FT	LF	Rekt	Total	Share to the best	Share of the total
KDNI (051)	65 782	42	0	0	0	**65 824**	78,45 %	13,71 %

Providing workplace	DF	FEE	FT	LF	Rekt	Total	Share to the best	Share of the total
KDS (049)	33 312	0	0	0	0	**33 312**	39,70 %	6,94 %
KDT (056)	13 504	0	0	0	184	**13 688**	16,31 %	2,85 %
KEMP (057)	65 017	168	0	504	3 288	**68 977**	82,20 %	14,37 %
KFEAM (014)	28 166	2 744	560	0	0	**31 470**	37,50 %	6,55 %
KCHCHT (012)	20 194	3 176	0	56	0	**23 426**	27,92 %	4,88 %
KMDG (011)	35 065	3 568	4 948	7 074	1 352	**52 007**	61,98 %	10,83 %
KMOSL (018)	33 440	0	0	2 184	10 988	**46 612**	55,55 %	9,71 %
KNDV (016)	21 592	0	0	0	0	**21 592**	25,73 %	4,49 %
KND (013)	21 364	0	0	3 644	0	**25 008**	29,80 %	5,21 %
CODE (021)	13 904	0	0	0	0	**13 904**	16,57 %	2,89 %
KPO (022)	83 904	0	0	0	0	**83 904**	100,00 %	17,48 %
Total	435 356	9 698	5 508	13 462	15 812	479 836	---	---

Overview of student hours provided by DF departments of the FEE faculty

Providing workplace	DF	FEE	FT	LF	Rekt	Total	Share to the best	Share of the total
Dek (031)	0					**0**	0,00 %	0,00 %
KAE (026)	0					**0**	0,00 %	0,00 %
KBVE (027)	0					**0**	0,00 %	0,00 %
KEI (025)	308					**308**	78,57 %	44,00 %
KEVTUR (029)	392					**392**	100,00 %	56,00 %
KPTK (024)	0					**0**	0,00 %	0,00 %
Total	700					700	---	---

Overview of student hours provided by DF departments of the Faculty of FT

Providing workplace	DF	FEE	FT	LF	Rekt	Total	Share to the best	Share of the total
KELT (045)	0					**0**	0,00 %	0,00 %
KMSD (047)	11 736					**11 736**	100,00 %	68,38 %
KVAT (055)	5 426					**5 426**	46,23 %	31,61 %
KVTMKv (054)	0					**0**	0,00 %	0,00 %
KVTM (039)	0					**0**	0,00 %	0,00 %
Total	17 162					17 162	---	---

Overview of student hours provided by DF departments of the Faculty of Medicine

Providing workplace	DF	FEE	FT	LF	Rekt	Total	Share to the best	Share of the total
KAZMZ (052)	56					**56**	25,00 %	20,00 %
KERLH (007)	0					**0**	0,00 %	0,00 %
KF (008)	0					**0**	0,00 %	0,00 %
KHÚLG (006)	0					**0**	0,00 %	0,00 %
KIOLK (053)	0					**0**	0,00 %	0,00 %
KLŤLM (044)	224					**224**	100,00 %	80,00 %
KPLZI (058)	0					**0**	0,00 %	0,00 %
KPL (002)	0					**0**	0,00 %	0,00 %
KPP (042)	0					**0**	0,00 %	0,00 %
Total	280					280	---	---

Overview of student hours provided by DF faculty departments Rekt

Providing workplace	DF	FEE	FT	LF	Rekt	Total	Share to the best	Proportion to the whole
Rekt	0					**0**	---	---

Overview of student hours provided by DF departments of the ÚCJ faculty (043)

Providing workplace	DF	FEE	FT	LF	Rekt	Total	Share to the best	Share of the total
ÚCJ (043)	21 247					**21 247**	100,00 %	100,00 %

Overview of student hours provided by the DF departments of the faculty of the Institute of Education and Training (087)

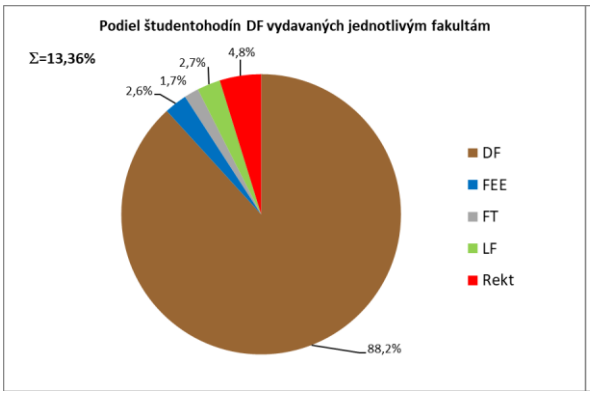
Providing workplace	DF	FEE	FT	LF	Rekt	Total	Share to the best	Share of the total
ITC (087)	5 516					**5 516**	100,00 %	100,00

The Faculty of Wood Sciences and Technology provides 10.2% of the total output (44 480 h) to other TU components. It draws from the other components a total of 44 905 h - the

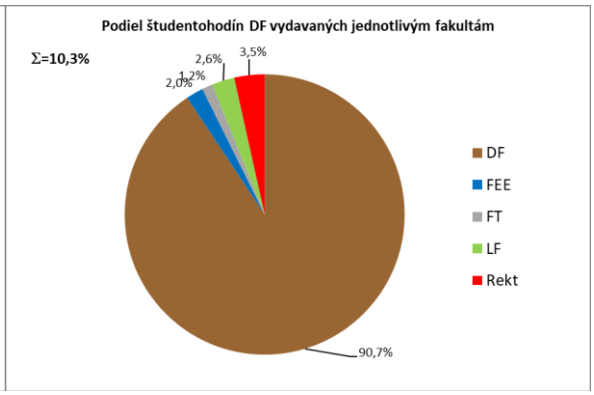
largest part of 47 % is provided by the teaching of the Institute of Foreign Languages (source Table 7.5).

It is very important to note that the correct display of the real values of student hours is conditioned by the correct and complete completion of the course information sheets (course leader, lesson allocation, etc.) and, of course, the completed timetable characteristics of each course for the teacher-educators. It can be stated that at DF this condition is fulfilled at a relatively high percentage, therefore these values can be considered highly realistic. The downward trend in teaching is of course also reflected in this treatment of teaching load. There is a significant decrease in the level of teaching provided by the DF for the university-wide SP (-14%), compared to 2019/2020 this is a decrease of 42%. The overall decrease in teaching spend for 2020/2021 for other parts of TU is 9.5%. The decrease in hours received from other components is at 20.5%.

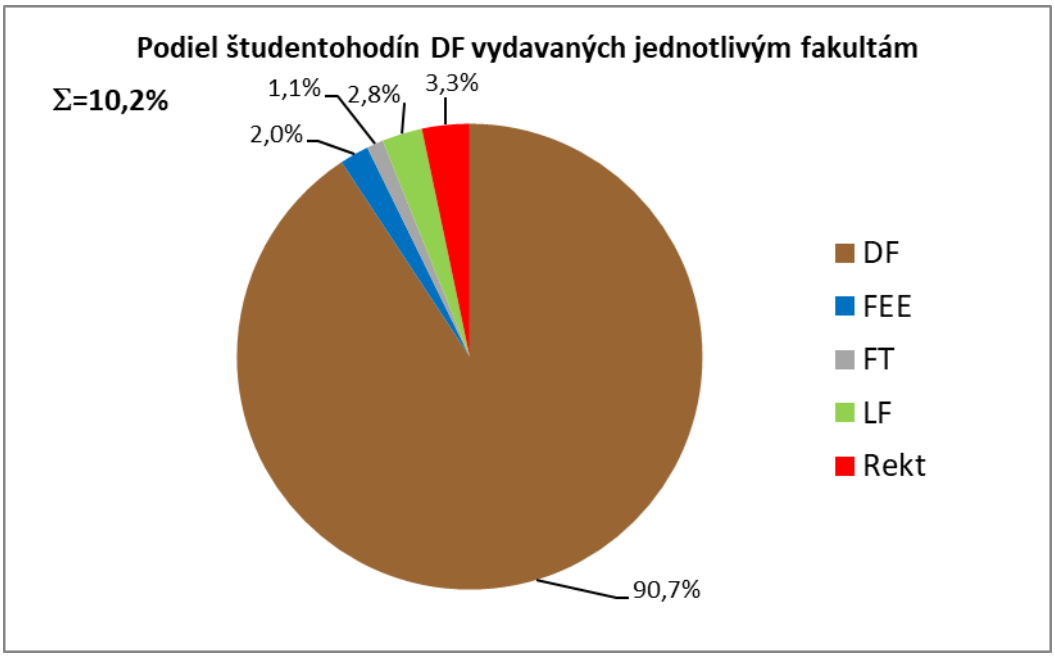
Year 2019/2020



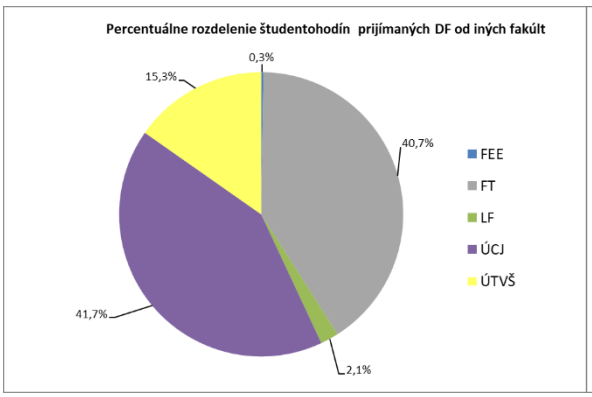
Year 2020/2021



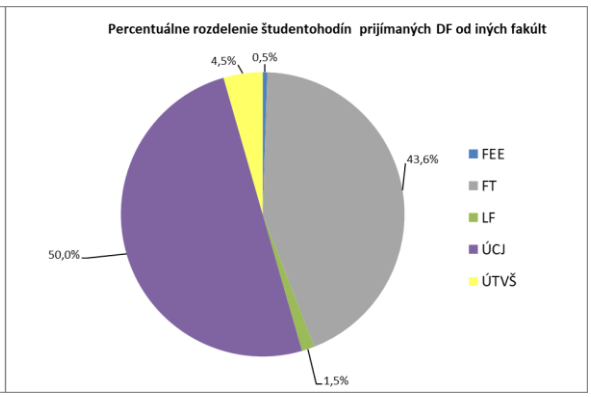
Year 2021/2022



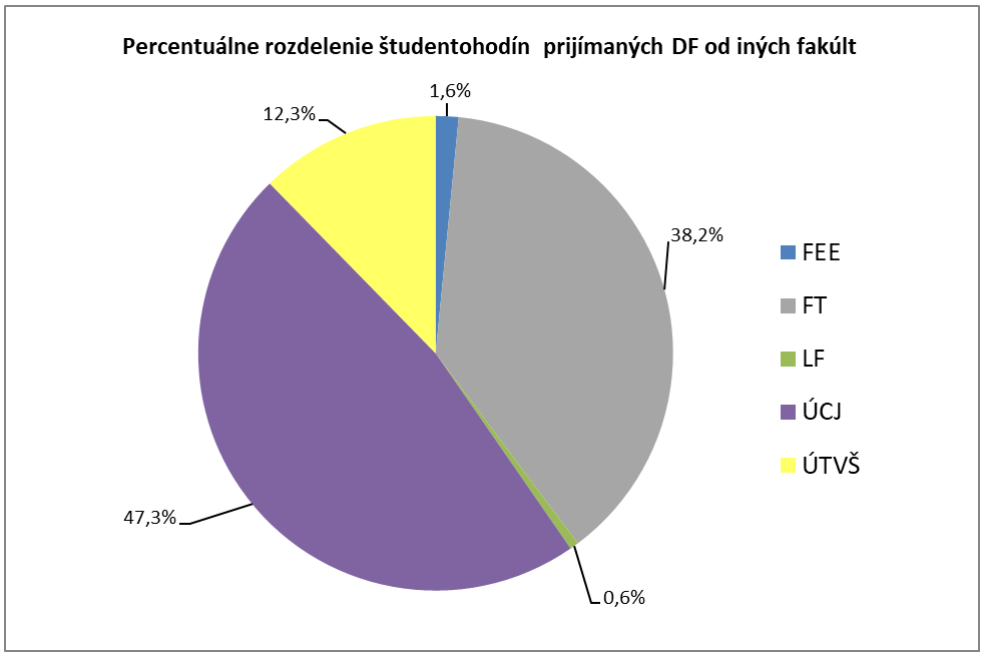
Year 2019/2020



Year 2020/21



Year 2021/2022



8
ASSESSMENT OF THE QUALITY OF STUDIES AT DF BY STUDENTS

In the academic year 2021/2022, as in the previous year, the application for the evaluation of the quality of the educational process was launched via the University Information System (UIS). Students could comment via the UIS on the quality of the educational process for each of their courses that they had enrolled in their personal study plan at the end of the winter and summer semesters. In order to maintain the hierarchy, the access to the evaluation of the course evaluation is given to the teacher (lecturer) himself, the course tutor, the head of the department, the faculty management and the university management. The number of students involved in the evaluation of the quality of their studies is shown in Table 8.1. There is a slight increase in student involvement compared to the previous year, especially in the LS. It is therefore necessary to pay continuous attention to this area in order to increase student participation in assessment, which, with an appropriate approach, will contribute to improving the quality of the teaching process. In addition to the course evaluations, students had the opportunity to express their overall satisfaction with their studies at the Faculty of Wood Sciences and Technology of TU Zvolen through the TU Zvolen website. Heads of departments are obliged to monitor these survey results and in case of negative student feedback to solve the problem by individual interview with the concerned lecturer, which is successfully implemented in some departments.

Table 8.1 Overall statistics of the evaluation of the subjects

Obdobie: DF - LS 2021/2022
Poznámka: Anketa LS 2021/2022

Hodnotenie predmetu

Potenciálny počet respondentov:	934
Skutočný počet respondentov:	70
	7%
Počet riadne zapísaných predmetov v období:	162
Počet predmetov s odpoveďami:	70
Počet predmetov bez odpovedí:	92
	43%
Počet vyplnených anketových lístkov:	174
Priemerný počet lístkov na predmet:	1.07

Doplňujúce otázky

Potenciálny počet respondentov:	861
Skutočný počet respondentov:	27
	3%

Obdobie: DF - ZS 2021/2022

Hodnotenie predmetu

Potenciálny počet respondentov:	903
Skutočný počet respondentov:	120
	13%
Počet riadne zapísaných predmetov v období:	181
Počet predmetov s odpoveďami:	90
Počet predmetov bez odpovedí:	91
	49%
Počet vyplnených anketových lístkov:	339
Priemerný počet lístkov na predmet:	1.87

Doplňujúce otázky

Potenciálny počet respondentov:	897
Skutočný počet respondentov:	46
	5%

Questionnaire - Course evaluation

Teacher and subject evaluation

N 2021/2022

Did the lecturer manage to arouse your interest in the subject?

- Yes
- No

The results can be viewed by: the sponsor and the presenter.

Did the practitioner succeed in arousing your interest in the subject?

- Yes
- No

The results can be viewed by: the sponsor and the practitioner.

Is the speaker's form of expression (verbal, written, ...) appropriate to your requirements?

- Yes
- No

The results can be viewed by: the sponsor and the presenter.

Is the form of the practitioner's expression (verbal, written, ...) appropriate to your requirements?

- Yes
- No

The results can be viewed by: the sponsor and the practitioner.

Lecturer's approach to students is correct, tactful, within the limits of "fair-play" ...

- Yes
- appropriately
- No

The results can be viewed by: the sponsor and the presenter.

The practitioner's approach to students is correct, tactful, within the limits of "fair-play" ...

- Yes
- appropriately
- No

The results can be viewed by: the sponsor and the practitioner.

To what extent did you attend lectures?

- Still
- irregularly
- occasionally
- ever

The results can be viewed by: the sponsor and the presenter.

Is the knowledge and information acquired in the course new and not repetitive (not duplicated with another course)?

- Yes
- mostly yes, some information is duplicated
- several findings and information are duplicated

The results can be viewed by: the sponsor and the presenter.

Do you get the impression that the lecturer is interested in the students mastering the material?

- Yes
- No

The results can be viewed by: the sponsor and the presenter.

Did the lectures provide you with more than just studying the recommended literature?

- Yes
- No

The results can be viewed by: the sponsor and the presenter.

Did the exercises provide you with more than just studying the recommended literature?

- Yes
- No

The results can be viewed by: the sponsor and the practitioner.

Practical examples are used in teaching the subject?

- Yes
- No

The results can be viewed by: the sponsor and the presenter.

In your opinion, how does the lecturer handle the subject?

- very well
- good
- Medium
- (•) weak

The results can be viewed by: the sponsor and the presenter.

How, in your opinion, does the practitioner handle the subject matter?

- very well
- good
- Medium
- weak

The results can be viewed by: the sponsor and the practitioner.

You rate the interpretation of the course content as ...

- very good
- good
- average
- below average

The results can be viewed by: the sponsor and the presenter.

This subject ma ...

- intrigued and I think it is necessary
- intrigued, but I think it is not so necessary
- not impressed, but I think it is necessary
- not interested and I think it is not necessary

The results can be viewed by: the sponsor and the presenter.

The difficulty of the subject, in your opinion, is ...

- Large
- Adequate
- small

The results can be viewed by: the sponsor and the presenter.

What did you like and dislike about the course (lecture)? (Your observations, comments, suggestions, criticism, ...) What new things would you suggest to revive the teaching of the subject in the future? Please indicate!

The results can be viewed by: the sponsor and the presenter.

What did you like and dislike about the course (exercise)? (Your observations, comments, suggestions, criticism, ...) What new things would you suggest to revive the teaching of the subject in the future? Please indicate!

The results can be viewed by: the sponsor and the practitioner.

The Faculty of Wood Sciences and Technology conducted a questionnaire on the course of entrance examinations for the study programme Design of Furniture and Interior for the academic year 2022/2023.
A total of 39 responses were submitted out of 59 students participating in the admissions process.

Questionnaire on the course of entrance examinations for the study programme Design of Furniture and Interior for the academic year 2022/2023

Dear applicants, we would like to ask you to fill in a short questionnaire about the entrance examinations you have taken in the last two days. The aim of the questionnaire is to ensure the optimal conduct of the talent tests in the coming period. Thank you.

1. Was the admission procedure difficult for you? Please express the difficulty on a scale where 1 is the lowest difficulty:

1 2 3 4 5

2. Were the assignments clear to you? Please express on a scale where 1 means the lowest comprehensibility:

1 2 3 4 5

3. Did you have enough time for each task? If you would indicate "not enough", describe in "other" which tasks and why:

Suitable Too much Lack of
Other:

4. What was the most difficult thing for you to master in the talent tests?

Your answer

5. In what ways did you find the online entrance exam convenient or not?

Your answer

6. Which way would you prefer to conduct the entrance exams?

Online Present

7. Do you think that the objectivity and fairness of the interview was maintained for all candidates equally? If you would indicate "no", please describe in "other" why you think so:

Yes No
Other:

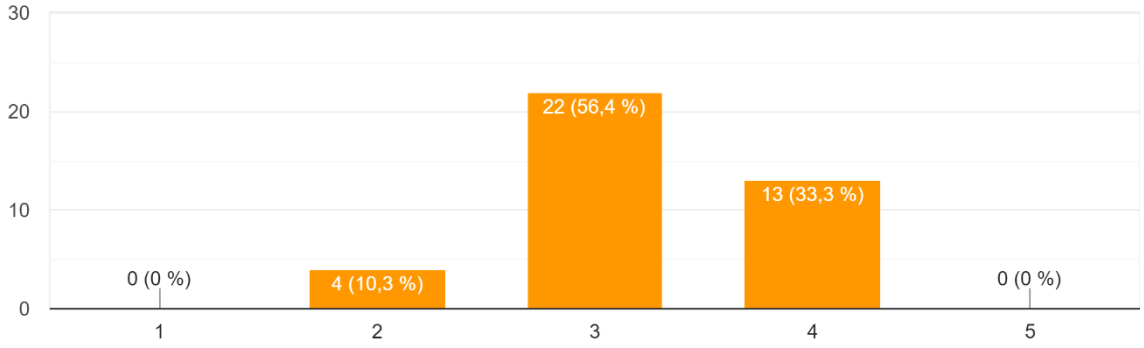
8. Do you have any other insights that would help to improve the quality of the entrance exams in the Design of Furniture and Interior programme?

Your answer

Results of the questionnaire:

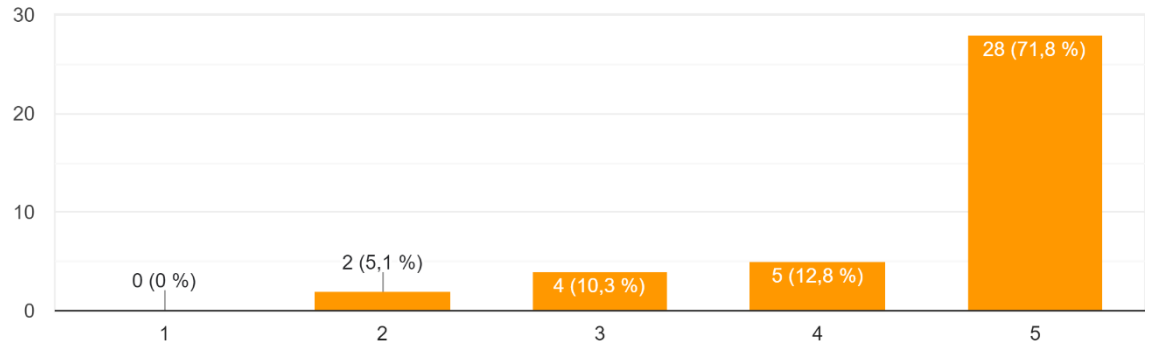
1. Bolo prijímacie konanie pre Vás náročné? Náročnosť vyjadrite na stupnici, kde 1 znamená najnižšiu náročnosť:

39 odpovedí



2. Boli zadania úlohy pre Vás zrozumiteľné? Vyjadrite na stupnici, kde 1 znamená najnižšiu zrozumiteľnosť:

39 odpovedí



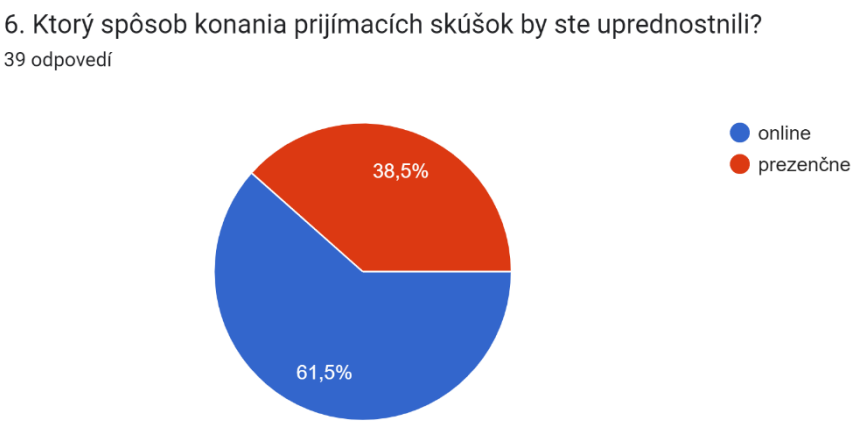
3. Mali ste dostatok času pre jednotlivé úlohy? Ak by ste označili „nedostatok“, popíšte v "iné", na ktoré úlohy a prečo:

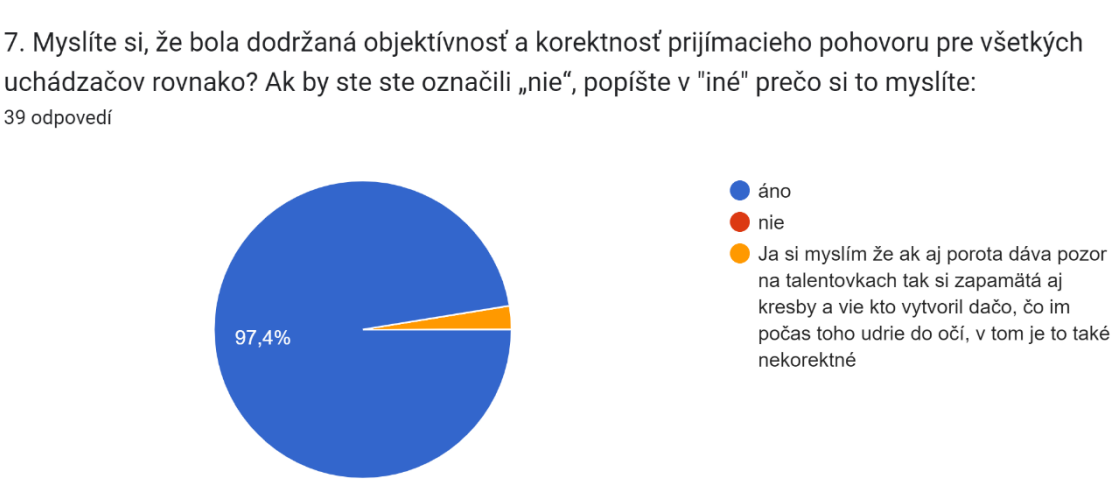
39 odpovedí

4. What was the most difficult thing for you to do in the talent tests?
Most of the answers were along the lines of: lack of time, difficult implementation of models, proper allocation of time for work...

5. In what ways did you find the online entrance exam convenient or not?
A selection of answers:
The comfort of home; It suited me in that I was perhaps not under so much stress because I was at home; It suited me in that I was in familiar surroundings, I knew what materials and tools were available to me; I could have as many tools (materials) as I needed; It suited me in that I was "in my own environment" where I am used to having my own order; Perhaps some would say that this is a disadvantage... but it suited me in that I didn't see the work of the other applicants (even if I did care - what work they had done) and I went at my own pace. I didn't have to compare myself and stress unnecessarily; It didn't suit in that we didn't have direct contact with the teachers; **It didn't suit not only the professional but also the human approach during the whole admission process :)**; It didn't suit the home environment, of course it's different if all the applicants are working in one room at the same time, where there would be a greater concentration of creativity...; I liked the **approach and the whole**

admission process to this university, all the assignments and the questions were given and answered in a clear way.





9
IMPLEMENTATION OF THE DF EDITORIAL PLAN FOR 2021

The actual implementation of the editorial plan for 2021 is shown in Table 9.1.

Tab. 9.1 Implementation of the DF editorial plan for 2021

Type of publication	Planned number	Number submitted	Fulfillment
Textbooks	2	1	50%
Scripts	7	4	57%
Artistic monograph	1	-	-
Scientific monograph	5	3	60%
Professional book publication	2	1	50%

Proceedings of scientific papers	1	-	-
Proceedings of the approved GTC	1	-	-
Other special-purpose publications	1	-	-
Total	**20**	**9**	**45%**

Of these, the following publications have been approved and issued outside the 2021 Editorial Plan:

- **Scripts:**
  1. "Personnel Management" - scripts - M. Hitka, S. Lorincová, M. Sedliačiková, reprint - unchanged edition, without fee, paid 50% from DF, 50% from TUZVO

- **college textbook:**
  1. "Design theory and methodology 1, " - university textbook - E. Farkašová - Ľ. Petránsky, reprint, unchanged edition, without royalty, financed by DF
  2. "Design theory and methodology 2, " - university textbook - E. Farkašová - Ľ. Petránsky, reprint, unchanged edition, without royalty, financed by DF
  3. "Enterprise planning" - college textbook" - A. Sujová - P. Lesníková, reprint, unchanged edition, without royalty, financed from DF
  4. "Fire protection and emergency services" - university textbook - D. Kačíková - A. Majlingová, 1st edition, royalty-free, financed by KEGA
  5. "Security Risk Theory" - university textbook - A. Majlingová - M. Oravec - J. Drábek, 1st edition, , royalty-free, funded by KEGA

- **professional book publication:**
  1. "Fire safety of road tunnels" - professional book publication - D. Špilák, 1st edition, without fee, financed by KEGA

10
ACCREDITATION STATUS OF STUDY PROGRAMMES AND DEVELOPMENT OF INTEREST IN STUDYING AT THE FACULTY OF WOOD SCIENCES AND TECHNOLOGY

The current status of accredited study programmes in the 1st , 2nd and 3rd cycle and habilitation and inauguration committees at the Faculty of Wood Sciences and Technology is in Table 10.1-10.3.

Tab. 10.1 Accredited study programmes of the Faculty of Wood Sciences and Technology - accreditation 2014
(as at 31.8.2022)

Degree of study	Field of study	Study programme	Form Study	Length Study	Guarantor /PZ, SG
I.	Wood Sciences and Technology	Wood Sciences and Technology - Catching up	D,E	3/4	prof. L. Dzurenda Prof. I. Klement doc. Kminiak
		Wood processing with IT support	D,E	3/4	prof. L. Dzurenda Prof. I. Klement doc. Kminiak
		Furniture Design and Construction	D,E	3/4	prof. J . Kúdela prof. R. Réh doc. P. Joščák
		Design and construction of furniture - Volyně, Czech Republic	E	4	doc. R. Lagaňa doc. I. Kubovský doc. Hrčka
		Management of wood and furniture production - catching up	D,E	3/4	prof. J. Sedliačik prof. M. Hitka doc. Ľ. Krišťák
		Family business in the wood and furniture industry	D,E	3/4	prof. J. Sedliačik prof. M. Hitka prof. M. Sedliačiková
		Timber and Wood Structures	D,E	3/4	prof. J. Štefko prof. L. Reinprecht prof. M. Siklienko
		Timber and Wood Structures -Volyne CR	E	4	doc. A. Rohanová doc. M. Mamonova doc. Ľ. Krišťák
	Economics and Management	Economics and Management in Wood Processing Companies	D,E	3/4	doc. J. Drábek doc. A. Sujová doc. M. Potkány
	Safety and Security Sciences	Fire protection and safety	D,E	3/4	prof. D. Kačíková Prof. F. Kacik doc. A. Danihelová
	Art	Design of Furniture and Interior	D	4	doc. M. Ihring prof. J. Veselovský doc. R. Baďura
II.	Wood Sciences and Technology	Wood Engineering	D,E	2/3	prof. L. Dzurenda Prof. I. Klement doc. Kminiak
		Furniture Design and Construction	D,E	2/3	prof. J . Kúdela prof. R. Réh doc. P. Joščák
		Management of Wood Sciences and Technology and furniture production	D,E	2/3	prof. J. Sedliačik prof. M. Hitka doc. Ľ. Krišťák
		Production and Utilisation of Wood Products	D	2	prof. L. Reinprecht doc. M. Gajtanska
		Timber and Wood Structures	D,E	2/3	prof. J. Štefko doc. R. Lagaňa prof. M. Siklienko
	Economics and Management	Economics and Management in Wood Processing Companies	D,E	2/3	prof. M. Šupín doc. A. Sujová prof. M. Sedliačiková
	Safety and Security Sciences	Fire protection and safety	D,E	2/3	prof. D. Kačíková Prof. F. Kacik doc. A. Danihelová

continued Tab.- 10.1

	Art	Design of Furniture and Interior	D	2	prof. J. Veselovský doc. M. Ihring doc. R. Baďura
III.	**Wood Sciences and Technology**	Wood processing technology	D,E	3/4	prof. L. Dzurenda prof. L. Reinprecht Prof. I. Klement
		Structure and properties of wood	D,E	3/4	prof. J. Kudel doc. R. Lagaňa doc. Mamoňová
		Designs and processes for the manufacture of wood products	D,E	3/4	prof. J. Štefko, prof. J. Sedliačik doc. P. Joščák
	Safety and Security Sciences	Fire protection and safety	D,E	3/4	Prof. F. Kacik prof. D. Kačíková, doc. A. Majlingová
	Art	Furniture and Living design	D/E	3/4	prof. Veselovský doc. M. Ihring doc. R. Baďura
Habilitation and inaugurations	**Wood processing technology**	Wood processing technology	prof. L. Dzurenda/ prof. L. Reinprecht, prof. I. Klement		
	Structure and properties of wood	Structure and properties of wood	doc. R. Lagaňa, doc. R. Hrčka		
	Designs and processes for the manufacture of wood products	Designs and processes for the manufacture of wood products	prof. J. Kúdela/ prof. J. Štefko, prof. Sedliačik		
	Rescue services	Rescue services	prof. F. Kačík/ prof. D. Kačíková, doc. A. Majlingová		

PZ - staffing (first and second level of study)

SG - Co-guarantor (third level)

Tab. 10.2 Accredited study programmes of degree III of the Faculty of Wood Sciences and Technology

(as of 31.8.2022) - accreditation in the process of completion

Field of study	Name of study programme	Form Study	Length Study	Guarantor /spolugaranti
5.2.43 Wood processing technology	Wood processing technology	D, E	3, 5	prof. L. Dzurenda / prof. L. Reinprecht, Prof. I. Klement
5.2.45 Designs and processes for the manufacture of wood products	Designs and processes for the manufacture of wood products	D, E	3, 5	prof. J. Štefko, /Professor. J. Kúdela doc. P. Joščák

Table 10.3 Aligned study programmes according to the standards of the Slovak Accreditation Agency for Higher Education (as of 1 September 2022)

Degree of study	Field of study	Study programme	Form Study	Length Study	Person responsible for SP/ Persons providing profile subjects
I.	Wood Sciences and Technology	Wood processing with IT support	D,E	3/4	**prof. L. Dzurenda** Prof. I. Klement prof. R. Réh doc. Kminiak doc. I. Čabalová
		Furniture Design and Construction	D,E	3/4	**prof. J . Kúdela** prof. J. Sedliačik doc. M. Mamonova doc. N. Langová doc. A. Danihelová
		Timber and Wood Structures	D,E	3/4	**prof. J. Štefko** doc. R. Lagaňa doc. Ľ. Krišťák doc. M. Němec doc. J. Parobek
	Economics and Management	Economics and Management in Wood Processing Companies	D,E	3/4	**prof. M. Hitka** prof. M. Sedliačiková doc. M. Potkány doc. J. Drábek doc. S. Lorincová
	Safety and Security Sciences	Fire protection and safety	D,E	3/4	**prof. D. Kačíková** Prof. F. Kacik doc. A. Majlingová doc. I. Kubovský doc. M. Zachar
	Art	Design of Furniture and Interior	D	4	**doc. M. Ihring, univ. prof.** doc. R. Baďura doc. Z. Tončíková doc. A. Stolár Ing. M. Chovan univ. doc.
II.	Wood Sciences and Technology	Wood Engineering	D,E	2/3	**prof. L. Dzurenda** Prof. I. Klement prof. R. Réh doc. Kminiak doc. I. Čabalová
		Furniture Design and Construction	D,E	2/3	**prof. J . Kúdela** prof. J. Sedliačik doc. M. Mamonova doc. N. Langová doc. A. Danihelová
		Timber and Wood Structures	D,E	2/3	**prof. J. Štefko** doc. R. Lagaňa doc. Ľ. Krišťák doc. M. Němec doc. J. Parobek
	Economics and Management	Economics and Management in Wood Processing Companies	D,E	2/3	**prof. M. Sedliačiková** prof. M. Hitka doc. M. Potkány doc. J. Drábek doc. S. Lorincová
	Safety and Security Sciences	Fire protection and safety	D,E	2/3	**prof. D. Kačíková** Prof. F. Kacik doc. A. Majlingová doc. I. Kubovský doc. M. Zachar
	Art	Design of Furniture and Interior	D	2	**doc. M. Ihring, univ. prof.** doc. R. Baďura doc. Z. Tončíková doc. A. Stolár Ing. M. Chovan univ. doc.
III.	Wood Sciences and Technology	Wood processing technology	D,E	3/4	**prof. L. Dzurenda** prof. J. Sedliačik prof. R. Réh prof. J. Štefko

					prof. J. Kudel
	Safety and Security Sciences	Fire protection and safety	D,E	3/4	**prof. D. Kačíková** Prof. F. Kacik doc. A. Majlingová doc. I. Kubovský doc. M. Zachar
	Art	Furniture and Living design	D/E	3/4	**doc. M. Ihring, univ. prof.** doc. R. Baďura doc. Z. Tončíková doc. A. Stolár Ing. M. Chovan univ. doc.
Habilitation and inaugurations	**Wood processing technology**	Wood processing technology	**prof. L. Dzurenda** prof. J. Sedliačik prof. R. Réh doc. R. Lagaňa prof. J. Kudel		
	Rescue services	Rescue services	**prof. D. Kačíková** Prof. F. Kacik doc. A. Majlingová doc. I. Kubovský doc. M. Zachar		

The following tables present the development of interest in the study of degree I programmes, the numbers of registered and enrolled students and the success rate in completing degree I programmes and the numbers of students continuing their studies in degree II programmes.

Tab. 10.4 Development of interest in the study of study programmes of the first degree - number of enrolled/ planned number of admitted students at the Faculty of Wood Sciences and Technology, Technical University in Zvolen 2019/2020 - 2022/2023 (as of 10.10.2022)

Enrolments/admissions plan								
Field and study programme	**2019/2020**		**2020/2021**		**2021/2022**		**2022/2023**	
	D	**E**	**D**	**E**	**D**	**E**	**D**	**E**
Designs and processes of Wood Sciences and Technology products/ Wood Sciences and Technology								
Timber and Wood Structures - from 2015/2016	51/60	25/15	46/60	16/15	60/50	21/15	37/50	27/35
Timber and Wood Structures- from 2015/2016 - Volyně CR	-/-	23/20	-/-	22/20	-/-	12/20	-/-	-/-
Total Design and processes of wood products manufacturing/Wood Sciences and Technology	***51/60***	***48/35***	***46/60***	***38/35***	***60/50***	***33/35***	***37/50***	***27/35***
Wood Sciences and Technology								
Wood processing/ from 2020/21 IT-supported Wood Sciences and Technology	6/30	0/10	4/30	0/10	5/20	1/10	1/20	5/10
Furniture Design and Construction	28/30	6/10	30/30	18/10	30/30	16/20	20/30	22/35
Design and construction of furniture - Volyně CZ from 2017/2018	-/-	6/20	-/-	11/20	-/-	8/20	-/-	-/-
Management of Wood Sciences and Technology and furniture production/ from 2020/21 Family business in Wood Sciences and Technology and furniture	3/20	0/10	5/20	1/10	4/20	1/10	-/-	-/-
Total Wood processing	***37/80***	***12/50***	***39/80***	***30/50***	***39/70***	***25/50***	***21/50***	***27/45***
Economics and Management								
Economics and Management in Wood Processing Companies	***75/100***	***14/40***	***57/100***	***10/40***	***64/60***	***15/30***	***84/60***	***16/30***
Safety and Security Sciences								
Fire protection and safety	***133/100***	***23/40***	***120/100***	***29/40***	***105/100***	***21/30***	***109/100***	***27/30***
Art								
Design of Furniture and Interior	58/35	-/-	54/35	-/-	50/35	-/-	60/35	-/-
Total DF	**354/375**	**97/165**	**262/320**	**107/165**	**318/315**	**94/155**	**311/295**	**97/140**

Tab. 10.5 Study programmes of the first degree - numbers of admitted/enrolled at the Faculty of Wood Sciences and Technology, Technical University in Zvolen 2019/2020 - 2022/2023
(as of 10.10.2022)

Admitted/enrolled								
Field and study programme	**2019/2020**		**2020/2021**		**2021/2022**		**2022/2023**	
	D	E	D	E	D	E	D	E
Designs and processes of Wood Sciences and Technology products/ Wood Sciences and Technology								
Timber and Wood Structures	51/41	25/20	46/38	16/13	60/34	21/15	37/22	27/24
Timber and Wood Structures - from 2016/17 -Volyně ČR	-/-	23/19	-/-	22/20	-/-	12/10	-/-	-/-
Total	***51/41***	***48/39***	***46/38***	***38/32***	***60/34***	***33/25***	***37/22***	***27/24***
Wood Sciences and Technology								
Wood processing/ from 2020/21 IT-supported Wood Sciences and Technology	6/5	0/0	4/4	0/0	5/4	0/0	1/0	5/2
Furniture Design and Construction	28/22	6/5	30/26	18/15	30/21	16/12	20/8	22/18
Creation of furniture design (Volyně, Czech Republic)	-/-	6/4	-/-	11/11	-/-	8/8	-/-	-/-
Management of Wood Sciences and Technology and furniture production/ from 2020/21 Family business in Wood Sciences and Technology and furniture	3/2	0/0	5/1	1/0	-/-	-/-	-/-	-/-
Total	***37/29***	***12/9***	***39/31***	***30/26***	***35/25***	***24/20***	***21/8***	***27/20***
Economics and Management								
Economics and Management in Wood Processing Companies	***75/51***	***14/12***	***57/37***	***10/9***	***64/38***	***15/11***	***84/58***	***16/12***
Safety and Security Sciences								
Fire protection and safety	***133/84***	***23/17***	***120/85***	***29/22***	***105/62***	***21/15***	***109/60***	***27/20***
Art								
Design of Furniture and Interior	45/36	-/-	**39/25**	**-/-**	**38/31**	**-/-**	**41/33**	**-/-**
Total DF	**342/240**	**97/77**	**301/216**	**107/90**	**302/190**	**93/71**	**292/181**	**97/76**

Tab. 10.6 Success rate in completing degree programmes - numbers of enrolled 2019/2020, graduates 2021/2022 and continuing studies of degree programmes of the II. degree at the Faculty of Wood Sciences and Technology

Department/programme	**Enrolled to level I**		**Alumni**		**Enrolled to level II**	
	2019/2020		**2021/2022**		**2022/2023**	
	D	**E**	**D**	**E**	**D**	**E**
Wood Sciences and Technology						
Timber and Wood Structures	41	10	17	4	16	6
Timber and Wood Structures - Volyně	-	13	-	16	-	-
Wood processing/DPIT	5	0	1	0	-	-
Furniture Design and Construction	20	10	9	5	7	4
Furniture Design and Construction -Fully		5		3	-	-
Management of Wood Sciences and Technology and furniture production	1	0	-	-	-	-
Total Wood processing	***67***	***38***	***27***	***28***	***23***	***10***
Economics and Management						
Economics and Business Management DSP	47	16	24	6	22	5
Safety and Security Sciences						
Fire protection of persons and property	81	21	34	8	23	7

Art						
Design of Furniture and Interior	33	-	12	-	5	-
Total DF	**228**	**75**	**97**	**42**	**73**	**22**

Of the 228 full-time students enrolled in the academic year 2019/2020 in the 1st cycle of studies at the Faculty of Wood Sciences and Technology, 97 students successfully completed their studies, which is 42.5%, and 73 students enrolled in the 2nd cycle, which shows that approximately 75% of the students who successfully completed the 1st cycle of studies continued their studies in the 2nd cycle.

In the external form of study, out of 75 students enrolled in the academic year 2019/2020 in the first cycle of study at the Faculty of Wood Sciences and Technology, 42 students successfully completed their studies, which represents 56%.

Table 10.7 Indicators of entry into education/Curriculum offer as of 1.9.2022

Degree of study	Field of study	Total number of study programmes (SP) offered D/E	Total number of unopened SPs D/E	Proportion of unopened SPs in a.r. of total supply
I.	**Wood Sciences and Technology**	Wood-processing supported by Information Technology 1D/1E	1 D	1/2
		Furniture Design and Construction 1D/1E	0	0/2
		Timber and Wood Structures 1D/1E	0	0/2
	Economics and Management	Economics and Management in Wood Processing Companies 1D/1E	0	0/2
	Safety and Security Sciences	Fire protection and safety 1D/1E	0	0/2
	Art	Design of Furniture and Interior 1D	0	0/1
II.	**Wood Sciences and Technology**	Wood Engineering 1D/1E	1D/1E	2/2
		Furniture Design and Construction 1D/1E	0	0/2
		Timber and Wood Structures 1D/1E	0	0/2
	Economics and Management	Economics and Management in Wood Processing Companies 1D/1E	0	0/2
	Safety and Security Sciences	Fire protection and safety 1D/1E	0	0/2
	Art	Design of Furniture and Interior 1D	0	0/1

Degree of study	Field of study	Total number of study programmes (SP) offered D/E	Total number of unopened SPs D/E	Proportion of unopened SPs in a.r. of total supply	Number of offered SPs in languages other than Slovak D/E	Number of unopened SPs in languages other than Slovak D/E	Proportion of unopened SPs in a.r. of their total supply
III.	**Wood Sciences and Technology**	Wood processing technology 1D/1E	0	0/2	0		
	Safety and Security Sciences	Fire protection and safety 2D/2E	1D/1E	2/4	1D/1E	1D/1E	2/2
	Art	Furniture and Living design 1D/1E	0	0/2	0	0	0

The results and trends of the educational entry indicators indicate a match between the supply of and interest in studying the college's study programmes.

CONCLUSION

EVALUATION OF THE TASKS OF THE LAST REPORT

From the facts presented in the submitted report, the experience with the implementation of educational activities at the Faculty of Wood Sciences and Technology and the suggestions of teachers, heads of departments and guarantors of study programmes, the following deductions of the fulfilment of tasks from the last academic year and tasks for the next academic year are derived:

1. Consistent preparation of legislative documents, accreditation forms for alignment of the SP with the published Standards for the Internal Quality Assurance System for Higher Education.
   Responsible: guarantors of the SP, vice-dean for educational activities, vice-dean for research
   Deadline: June 2022
   Deduction: the Faculty of Wood Sciences and Technology declares the "alignment" of the SP according to the standards for the internal quality assurance system of higher education as of 1.9. 2022. The process of completing the output documents for the Slovak Accreditation Agency for Higher Education of the Slovak Republic, will be ready for submission by the required deadline - the end of 2022.

2. Updating of the Faculty's legislative documents (study regulations, dean's award ...)
   Responsible: DF management
   Deadline: June 2022
   Deduction: task ongoing, implementation postponed to 2023

3. Continuation of marketing activities to increase the interest of students for all offered programmes at the Faculty of Wood Sciences and Technology and, as a priority, study programmes in the first cycle in all disciplines, either by direct approaching at secondary schools, or by creating a second round of admissions, visiting fairs, exhibitions focused on education, announcement of admissions for external studies. Involve study counsellors and students from the student organisation Woodenworld in this process. Implementation of online tools for the presentation of the SP.
   Responsible: guarantors of the SP, vice-dean for educational activities, vice-dean for development and international relations
   Deadline: task ongoing, control on an ongoing basis
   Deduction: due to the COVID-19 pandemic, the entire promotion of the study was moved to the online space of the virtual DOD of external processors and advertising was provided in the print newspapers SME and Pravda, My Zvolen.
   (https://www.narodnekariernecentrum.sk, www.vysokeškoly.sk etc.)
   The Department of KEMP, on its own initiative, sent a letter of invitation to everyone enrolled in the EMPDSP degree programme with an individual invitation to study and an introduction to an interesting framework of selected issues of study as well as complementary activities in addition to the study. It also included a presentation in the form of promotional materials of the faculty (a magnet and a poster with reasons why

to study at TUZVO) + USB stick, which was paid for by the department. A total of 55 applicants were approached in this way.
As part of the promotional activities, KEMP employees, after individual agreements and contacts, gave lectures at 15 secondary schools with a stimulating theme, which included a presentation of the opportunities to study at the Faculty of Wood Sciences and Technology with a focus on leisure activities, foreign internships and graduate employment. Part of the cost was covered by the department and the marketing activities account of the Rector's Office funds.

4. Increase the requirements for the quality of the educational process using modern educational practices, adhering to the principles of ethics and fair-play. Thoroughly evaluate course/curriculum evaluations and work systematically to increase student participation in evaluations.
   Responsible: head of departments, vice-dean for educational activities
   Deadline: august 2022
   Deduction: In the framework of the deliberations of the Programme Councils, the preparation of the SP descriptions and internal evaluation reports and the need to pay more attention to this area in the follow-up of the implementation resulting from the internal quality system, new conditions for data collection and evaluation will be set during the end of 2022 and 2023.

5. Involving students in the process of developing evaluation questionnaire questions and assessing the quality of education.
   Introduction of modularity, routing the questionnaire according to the type of response. Addressing students (SMS...) to increase the % of participation of the assessment.
   Responsible: guarantors of SP, heads of departments, vice-dean for educational activities
   Deadline: february 2022
   Deduction: task partially completed, task continues in 2023

6. Transportation budget plan for major exercises.
   Responsible: head of departments, vice-dean for educational activities
   Deadline: october 2021
   Deduction: fulfilled

7. Organizing a meeting with academic advisors to increase positive communication with students.
   Responsible: vice-dean for educational activities
   Deadline: march 2022
   Deduction: partially met, task continues in 2023

PROPOSED TASKS AND MEASURES FOR THE NEXT PERIOD

1. Consistent preparation of legislative documents, accreditation forms for alignment of the SP with the published Standards for the Internal Quality Assurance System for Higher Education.
   Responsible: persons responsible for SP, vice-dean for educational activities, vice-dean for research Deadline: december 2022

2. Updating of the Faculty's legislative documents (study regulations, dean's award ...)
   Responsible: DF management
   Deadline: june 2023

3. To intensively pursue the implementation of new accreditation standards in the process of quality assurance of the education provided within the harmonised study programmes and their continuous monitoring.
   Responsible: persons responsible for SP, vice-dean for educational activities, vice-dean for research
   Deadline: august 2023

4. Continuation of marketing activities to increase the interest of students for all offered programmes at the Faculty of Wood Sciences and Technology and, as a priority, study programmes in the first cycle in all disciplines, either by direct approaching at secondary schools, or by creating a second round of admissions, visiting fairs, exhibitions focused on education, announcement of admissions for external studies. Involve study counsellors and students from the student organisation Woodenworld in this process. Implementation of online tools for the presentation of the SP.
   Responsible: persons responsible for SP, vice-dean for educational activities, vice-dean for development and international relations
   Deadline: task ongoing, control on an ongoing basis

5. Increase the requirements for the quality of the educational process using modern educational practices, adhering to the principles of ethics and fair-play. Thoroughly evaluate course/curriculum evaluations and work systematically to increase student participation in evaluations.
   Responsible: heads of departments, vice-dean for educational activities, persons responsible for SP
   Deadline: august 2023

6. Involvement of students in the process of designing the evaluation process and assessing the quality of education.
   Introduction of modularity, routing the questionnaire according to the type of response. Addressing students (SMS...) to increase the % of participation of the assessment.
   Responsible: guarantors of SP, heads of departments, vice-dean for educational activities
   Deadline: march 2023

7. Transportation budget plan for major exercises.
   Responsible: head of departments, vice-dean for educational activities
   Deadline: october 2022

8. Organizing a meeting with academic advisors to increase positive communication with students.
   Responsible: vice-dean for educational activities
   Deadline: march 2023