# CONTENT

1. Acquirement of Internal Grant	2
2. Chiral auxiliaries & ligands	3
3. Citation in the International Scientific Journal.	4
4. Citation in the Local Scientific Journal	5
5. Citation in the Monograph	6
6. Co-worker of a Local Project	7
7. Co-worker of an International Project.	8
8. Current topics in organic chemistry	9
9. Defence of Doctoral Thesis	10
10. Direct Pedagogical Activities	11
11. Direct Pedagogical Activities	12
12. Dissertation examination.	13
13. High-resolution NMR spectroscopy	14
14. Individual Study of Scientific Literature.	15
15. International Conference.	16
16. International Currented Journal	
17. International Non-Currented Jounal	18
18. Introduction of a New Experimental Method.	19
19. Local Conference.	20
20. Local Conference with Foreign Participation	21
21. Local Currented Journal.	22
22. Local Non-Currented Journal.	
23. Membership in a Conference organizing Committee	24
24. Molecular devices	
25. Nitrogen heterocycles	26
26. Not-Reviewed International or Local Proceedings	27
27. Patents, Inventions, Software	28
28. Pedagogy for university teachers	29
29. Practical application of quantum chemical methods in organic chemistry	30
30. Presentation in Seminar	
31. Psychology for University Lecturers	32
32. Review of a Bachelor Thesis	34
33. Reviewed International or Local Proceedings	35
34. SCI Citation	36
35. Saccharides	37
36. Study Stay Abroad	39
37. Supervision of Bachelor Thesis	40
38. Supervision of a Students Scientific Work	41
39. Writing Dissertation Work	42
40. Writing Dissertation Work	43

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ IG/04	Course name: Acquirer	ment of Internal Grant	
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent		
Number of ECTS cr	edits: 10		
Recommended seme	ster/trimester of the cou	irse:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
<b>Course assessment</b> Total number of asses	ssed students: 179		
	abs	n	
	100.0 0.0		
Provides:			
Date of last modifica	tion: 03.05.2015		
Approved: doc. RND	Dr. Miroslava Martinková	, PhD.	

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: ÚCHV/ CPC/04	Course name: Chiral aux	xiliaries & ligands		
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 2 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 28 / 28			
Number of ECTS cr	edits: 8			
Recommended seme	ster/trimester of the cou	rse:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	ture:			
Course language:				
Notes:				
Course assessment Total number of asses	ssed students: 31			
	Ν	Р		
	0.0	100.0		
Provides: prof. RND	. Jozef Gonda, DrSc.			
Date of last modifica	tion: 03.05.2015			
Approved: doc. RND	r. Miroslava Martinková,	PhD.		

[			
University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ CZC/04	<b>Course ID:</b> ÚCHV/ <b>Course name:</b> Citation in the International Scientific Journal ZC/04		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent		
Number of ECTS cr	edits: 10		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of asses	ssed students: 44		
	abs	n	
	100.0 0.0		
Provides:			
Date of last modifica	tion:		
Approved: doc. RND	r. Miroslava Martinková, P	hD.	

University: P. J. Šafá	University: P. J. Šafárik University in Košice			
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: ÚCHV/ CDC/04	<b>Course ID:</b> ÚCHV/ <b>Course name:</b> Citation in the Local Scientific Journal DC/04			
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent			
Number of ECTS cr	edits: 5			
Recommended seme	ster/trimester of the cou	rse:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment Total number of asses	ssed students: 1			
	abs n			
	100.0 0.0			
Provides:				
Date of last modifica	tion:			
Approved: doc. RND	r. Miroslava Martinková,	PhD.		

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: ÚCHV/ CM/04	Course name: Citation	in the Monograph		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent			
Number of ECTS cr	edits: 20			
Recommended seme	ster/trimester of the co	urse:		
Course level: 111.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
<b>Course assessment</b> Total number of asses	ssed students: 3			
	abs		n	
100.0 0.0			).0	
Provides:				
Date of last modifica	tion:			
Approved: doc. RND	r. Miroslava Martinkov	á, PhD.		

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ SDPR/04	Course name: Co-worke	er of a Local Project	
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): ly period: esent		
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cou	rse:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of asses	ssed students: 399		
	abs	1	1
	99.75	0.1	25
Provides:			
Date of last modifica	tion:		
Approved: doc. RND	Dr. Miroslava Martinková,	PhD.	
Approved: doc. RNE	Pr. Miroslava Martinková,	PhD.	

University P I Šafá	rik University in Košice			
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: ÚCHV/ SMPR/04	ourse ID: ÚCHV/ Course name: Co-worker of an International Project			
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 15			
Recommended seme	ster/trimester of the cours	e:		
Course level: III.				
Prerequisities:				
Conditions for cours	se completion:			
Learning outcomes:				
Brief outline of the c	course:			
Recommended litera	nture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 38				
	abs n			
100.0 0.0				
Provides:				
Date of last modification:				
Approved: doc. RNE	Approved: doc. RNDr. Miroslava Martinková, PhD.			

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ POCE/04	Course ID: ÚCHV/ Course name: Current topics in organic chemistry OCE/04		
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 2 Per Course method: pre	nd the method: re / Practice rse-load (hours): study period: 28 / 28 esent		
Number of ECTS cr	edits: 8		
Recommended seme	ster/trimester of the co	urse:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of asses	ssed students: 35		
	Ν	Р	
0.0 100.0			
Provides: prof. RNDr. Jozef Gonda, DrSc.			
Date of last modifica	tion: 03.05.2015		
Approved: doc. RND	Dr. Miroslava Martinkov	á, PhD.	

University: P. J. Šafá	rik University in Koši	ce		
Faculty: Faculty of S	cience			
Course ID: ÚCHV/ ODZP/2014/15	Course name: Defe	nce of Doctoral Thesis		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: rsent			
Number of ECTS cr	edits: 30			
Recommended seme	ster/trimester of the	course:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	ture:			
Course language:				
Notes:				
<b>Course assessment</b> Total number of asses	ssed students: 43			
	Ν		Р	
	0.0		100.0	
Provides:		1		
Date of last modifica	tion: 03.05.2015			
Approved: doc. RND	r. Miroslava Martinko	ová, PhD.		

University: D I Čatá	rile Universiter in Val			
University: P. J. Safa	rik University in Kos	sice		
Faculty: Faculty of S	cience			
Course ID: ÚCHV/ PPC/04	Course name: Dire	ect Pedagogical Activities		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent			
Number of ECTS cr	edits: 1			
Recommended seme	ster/trimester of the	e course:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended liters	iture:			
Course language:				
Notes:				
Course assessment Total number of asse	ssed students: 381			
	abs		n	
	100.0		0.0	
Provides:		·		
Date of last modifica	tion:			
Approved: doc. RND	Dr. Miroslava Martink	cová, PhD.		

University: P. J. Šafá	rik University in Koši	ice		
Faculty: Faculty of S	cience			
<b>Course ID:</b> ÚCHV/ PPC/04	Course name: Direc	ct Pedagogical Activities		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent			
Number of ECTS cr				
Course levels III	ster/trimester of the	course:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
<b>Course assessment</b> Total number of asse	ssed students: 381			
	abs		n	
	100.0		0.0	
Provides:				
Date of last modifica	tion:			
Approved: doc. RND	Dr. Miroslava Martink	ová, PhD.		

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: ÚCHV/ DZS/15	ourse ID: ÚCHV/ Course name: Dissertation examination ZS/15			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present				
Number of ECTS cr	edits: 20			
Recommended seme	ster/trimester of the c	burse:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	ture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 46				
	N P			
0.0 100.0				
Provides:				
Date of last modification: 03.05.2015				
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.			

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ NSVR/04	CHV/ Course name: High-resolution NMR spectroscopy		
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present			
Number of ECTS cr	edits: 8		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 23			
N P			
0.0 100.0			
Provides: doc. RNDr. Ján Imrich, CSc.			
Date of last modification: 03.05.2015			
Approved: doc. RNDr. Miroslava Martinková, PhD.			

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ SSOL/04	urse ID: ÚCHV/ Course name: Individual Study of Scientific Literature OL/04		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cour	se:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 187			
	abs n		
100.0 0.0			
Provides:			
Date of last modification: 03.05.2015			
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.		

University: P. J. Šafá	rik University in Koši	ce	
Faculty: Faculty of S	Faculty: Faculty of Science		
<b>Course ID:</b> ÚCHV/ MK/04	Durse ID: ÚCHV/ Course name: International Conference K/04		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent		
Number of EC18 cr	edits: 6		
Course level: III	ster/trimester of the	course:	
Duanaguigitiage			
Conditions for a series			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended liters	iture:		
Course language:			
Notes:			
<b>Course assessment</b> Total number of asse	ssed students: 209		
	abs n		
	100.0 0.0		
Provides:	Provides:		
Date of last modifica	tion: 03.05.2015		
Approved: doc. RND	r. Miroslava Martinko	ová, PhD.	

University: P. J. Šafá	rik University in Košice	9	
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ ZKC/04	rse ID: ÚCHV/ Course name: International Currented Journal		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent		
Number of ECTS cr	edits: 20		
Recommended seme	ster/trimester of the co	ourse:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 284			
	abs n		
99.65 0.35			
Provides:			
Date of last modification: 03.05.2015			
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.		

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ ZNC/04	se ID: ÚCHV/ Course name: International Non-Currented Jounal 04		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 5		
Recommended seme	ster/trimester of the cour	se:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	ture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 21			
	abs n		
100.0 0.0			
Provides:			
Date of last modification: 03.05.2015			
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.		

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ NEM/04	HV/ Course name: Introduction of a New Experimental Method		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): ly period: esent		
Number of ECTS cr	edits: 15		
Recommended seme	ster/trimester of the cou	rse:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:	Learning outcomes:		
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 8			
	abs n		
100.0 0.0			
Provides:			
Date of last modification:			
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.		

University: P. J. Šafá	rik University in Koš	ice		
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: ÚCHV/ DK/04	Durse ID: ÚCHV/ Course name: Local Conference K/04			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present				
Number of EC18 cr				
Course levels III	ster/trimester of the	course:		
Course level: III.				
Prerequisities:	•			
Conditions for cours	e completion:			
Learning outcomes:	Learning outcomes:			
Brief outline of the c	ourse:			
Recommended litera	ture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 110				
abs n				
100.0 0.0				
Provides:				
Date of last modification:				
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.			

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	Faculty: Faculty of Science		
Course ID: ÚCHV/ DKZU/04	IV/ Course name: Local Conference with Foreign Participation		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent		
Number of ECTS cr	edits: 4		
Recommended seme	ster/trimester of the cour	se:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	ture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 207			
	abs n		
	100.0 0.0		
Provides:	Provides:		
Date of last modification: 03.05.2015			
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.		

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: ÚCHV/ DKC/04	Ourse ID: ÚCHV/       Course name: Local Currented Journal         KC/04       KC/04			
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent			
Number of ECTS cr	edits: 15			
Recommended seme	ster/trimester of the co	irse:		
Course level: III.				
Prerequisities:				
Conditions for cours	Conditions for course completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 10				
	abs n			
100.0 0.0				
Provides:				
Date of last modification: 03.05.2015				
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.			

University: P J Šafá	rik University in Košice			
Faculty: Faculty of S	cience			
Course ID: ÚCHV/	Course name: Local No	Course name: Local Non-Currented Journal		
DNC/04				
Course type, scope a	nd the method:			
Course type:				
Recommended cou	rse-load (hours):			
Per week: Per stud	y period:			
Course method: pre				
Number of ECTS cr	edits: 5			
Recommended seme	ster/trimester of the cou	rse:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment				
Total number of assessed students: 18				
	abs n			
100.0 0.0				
Provides:				
Date of last modification: 03.05.2015				
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.			

University: P. J. Šafá	rik University in Košice		
Faculty: Faculty of S	cience		
Course ID: ÚCHV/ POVK/04	<b>Durse ID:</b> ÚCHV/ <b>Course name:</b> Membership in a Conference organizing Committee DVK/04		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 2		
Recommended seme	ster/trimester of the cours	e:	
Course level: III.			
Prerequisities:			
Conditions for cours	e completion:		
Learning outcomes:			
Brief outline of the c	ourse:		
Recommended litera	iture:		
Course language:			
Notes:			
Course assessment Total number of assessed students: 38			
	abs n		
100.0 0.0			
Provides:			
Date of last modification:			
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.		

University: P. J. Šafá	rik University in Ko	šice		
Faculty: Faculty of S	cience			
Course ID: ÚCHV/ MOZ/04	Course name: Mol	lecular devices		
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present				
Number of ECIS cr	edits: 8			
Recommended seme	ster/trimester of th	e course:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 1				
	Ν		Р	
0.0 100.0				
Provides: RNDr. Martin Walko, PhD.				
Date of last modification: 03.05.2015				
Approved: doc. RNDr. Miroslava Martinková, PhD.				

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of S	cience			
Course ID: ÚCHV/ HZD/04	Course name: Nitrogen he	terocycles		
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 2 Per Course method: pre	Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present			
Number of ECTS cro	edits: 8			
Recommended seme	ster/trimester of the cours	e:		
Course level: III.				
Prerequisities:				
<b>Conditions for cours</b> Seminar written discu Terminal examination	<b>e completion:</b> assion. a by written form.			
<b>Learning outcomes:</b> The aim of the court reactivity as well as r	se is to obtain the knowleg elationship between structur	de about nitrogen heterocycles, their synthesis, re and biological properties.		
Brief outline of the c Signification, synthe Acridine, Pyrimidine activity a drugs.	<b>Brief outline of the course:</b> Signification, synthesis and chemical properties of derivatives of Pyrrole, Indole, Pyridine, Acridine, Pyrimidine and purine. Natural products containing nitrogen heterocycles, biological activity a drugs			
<ul> <li>Recommended literature:</li> <li>1. Comprehensive Heterocyclic Chemistry; Katritzky A. R., Rees C. W., Eds., Pergamon Press, Oxford, 1984.</li> <li>2. Gilchrist T. L.: Heterocyclic Chemistry, Longman, Harlow, 1992.</li> <li>3. Eichler T. Hauptmann S.: The Chemistry of Heterocycles. Wiley-VCH. Weinheim 2003.</li> </ul>				
<b>Course language:</b> Slovak and English	Course language: Slovak and English			
Notes:				
Course assessment Total number of assessed students: 16				
	N P			
	0.0 100.0			
Provides: RNDr. Mariana Budovská, PhD.				
Date of last modification: 24.01.2020				
Approved: doc RNC	r. Miroslava Martinková, Pl	nD.		

University: DI Čafá	rile Universitar in Versies			
University: P. J. Sala	University: P. J. Safarik University in Kosice			
Faculty: Faculty of S	cience			
<b>Course ID:</b> ÚCHV/ NZ/04	Course name: Not-Revi	ewed International or Local Proceedings		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of ECTS cr	edits: 2			
Recommended seme	ster/trimester of the cou	rse:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 171				
	abs	n		
	100.0 0.0			
Provides:				
Date of last modification: 03.05.2015				
Approved: doc. RND	Approved: doc. RNDr. Miroslava Martinková, PhD.			

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: ÚCHV/ PVS/04	Course name: Patents, Inv	rentions, Software		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present				
Number of ECIS cr				
Recommended seme	ster/trimester of the cours	e:		
Course level: 111.	· · · · · · · · · · · · · · · · · · ·			
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	ature:			
Course language:				
Notes:	Notes:			
Course assessment Total number of assessed students: 0				
abs n				
0.0 0.0				
Provides:				
Date of last modification:				
Approved: doc. RNDr. Miroslava Martinková, PhD.				

University: P. J. Šafá	rik Univers	ity in Košice			
Faculty: Faculty of S	cience				
<b>Course ID:</b> KPE/ PgVU/17	ourse ID: KPE/ Course name: Pedagogy for university teachers gVU/17				
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 28s Course method: present					
Number of ECTS cr	edits: 5				
Recommended seme	ster/trimes	ster of the course:			
Course level: III.					
Prerequisities:					
Conditions for cours	e completi	on:			
Learning outcomes:	Learning outcomes:				
Brief outline of the c	ourse:				
Recommended litera	iture:				
Course language:					
Notes:	Notes:				
Course assessment Total number of assessed students: 32					
abs	abs n neabs				
100.0 0.0 0.0					
Provides: PaedDr. Renáta Orosová, PhD.					
Date of last modification: 12.02.2021					
Approved: doc. RNDr. Miroslava Martinková, PhD.					

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of S	cience			
Course ID: ÚCHV/ PAKM/04	ourse ID: ÚCHV/ AKM/04Course name: Practical application of quantum chemical methods in organic chemistry			
Course type, scope a Course type: Lectur Recommended cour Per week: 2 / 2 Per Course method: pre	Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present			
Number of ECTS cr	edits: 8			
Recommended seme	ster/trimester of the cours	e:		
Course level: III.				
Prerequisities:				
Conditions for cours	Conditions for course completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 5				
	N P			
0.0 100.0				
Provides: RNDr. Ladislav Janovec, PhD.				
Date of last modification: 03.05.2015				
Approved: doc. RNDr. Miroslava Martinková, PhD.				

University: P. J. Šafá	rik University in Košic	2		
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: ÚCHV/ VYS/04	Course name: Presen	tation in Seminar		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present				
Number of ECTS cr	edits: 2			
Recommended seme	ster/trimester of the c	ourse:		
Course level: III.				
Prerequisities:				
Conditions for cours	Conditions for course completion:			
Learning outcomes:	Learning outcomes:			
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 179				
	abs	n		
100.0 0.0				
Provides:				
Date of last modification:				
Approved: doc. RNDr. Miroslava Martinková, PhD.				

University: P. J. Šafárik University in Košice			
Faculty: Faculty of Science			
Course ID: KPPaPZ/PsVU/17	Course name: Psychology for University Lecturers		
Course type, scope an Course type: Lecture Recommended course Per week: Per study Course method: pres	ad the method: se-load (hours): period: 28s ent		
Number of ECTS cree	dits: 5		
Recommended semes	ter/trimester of the course:		
Course level: III.			
Prerequisities:			
<b>Conditions for course</b> Case study, micro-outp Current modifications board of the course.	<b>completion:</b> but, its analysis of the course for the semester 2020/2021 are listed in the electronic bulletin		
Learning outcomes: Acquisition of psychol teaching practice of do knowledge from cogn psychology, developm enable university teac of human developmen application in practice,	ogical skills necessary for professional, competent performance of university octoral students on the basis of acquisition and use of selected psychological nitive psychology, psychology of emotions and motivation, personality nental, social, pedagogical psychology and health psychology. They will chers - doctoral students to understand the psychological interpretation nt, upbringing and education. The acquired knowledge will enable better are closely linked to practice and are based on current knowledge of the field.		
Brief outline of the co University teacher and teacher in relation to h use of methods), in re selected areas of cogr psychology, social psy the university environm	<b>urse:</b> I his work in the teaching process with a focus on: imself (cognitive, personality, social competencies and competencies in the elation to students and as part of the teacher-student relationship based on hitive psychology, psychology of emotions and motivation, developmental chology, educational psychology and health psychology with application to ment.		
Recommended literat Alexitch, L. R. (2005) Schneider F., Gruman Fry, H., Ketteridge, S., education: Enhancing Mareš, J.: Pedagogicka Kniha psychologie. Un Čáp, J., Mareš, J.: Psyc Vágnerová, M.: Školn	ure: . Applying social psychology to education. Social Psychology.–Ed.: J., Coutts L.–Sage Publications, Inc, 205-228. , & Marshall, S. (2008). A handbook for teaching and learning in higher academic practice. Routledge. á psychologie. Portál, 2013. niversum, 2014 chologie pro učitele. Praha: Portál 2007. í poradenská psychológie pro pedagogy. Praha: Karolínum 2005.		
Course language:			

Notes:				
Course assessment Total number of assessed students: 27				
abs	n	neabs		
100.0	100.0 0.0 0.0			
<b>Provides:</b> Mgr. Marta Dobrowolska Kulanová, PhD., doc. PhDr. Beata Gajdošová, PhD., PhDr. Anna Janovská, PhD.				
Date of last modification: 17.02.2021				
Approved: doc. RNDr. Miroslava Martinková, PhD.				

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of S	cience			
Course ID: ÚCHV/ VPBP/04	<b>Course name:</b> Review of a	a Bachelor Thesis		
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present				
Number of EC18 cr				
Recommended seme	ster/trimester of the cours	e:		
Course level: 111.				
Prerequisities:			_	
Conditions for cours	e completion:		_	
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:	Notes:			
Course assessment Total number of assessed students: 62				
abs n				
100.0 0.0				
Provides:				
Date of last modification:				
Approved: doc. RNDr. Miroslava Martinková, PhD.				

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of S	Faculty: Faculty of Science			
Course ID: ÚCHV/ RZ/04	Course name: Reviewed	l International or Local Proceedings		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent			
Number of ECIS cr				
Recommended seme	ster/trimester of the cou	rse:		
Course level: 111.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:	Learning outcomes:			
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment Total number of asses	ssed students: 305			
	abs	n		
	100.0 0.0			
Provides:				
Date of last modification: 03.05.2015				
Approved: doc. RND	Dr. Miroslava Martinková,	PhD.		

University: P. J. Šafá	rik University in Košic	ce		
Faculty: Faculty of S	cience			
Course ID: ÚCHV/ SCI/04	Course name: SCI C	itation		
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present			
Number of EC18 cr				
Recommended seme	ster/trimester of the (	course:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 183				
	abs	n		
100.0 0.0				
Provides:				
Date of last modification:				
Approved: doc. RNDr. Miroslava Martinková, PhD.				

University: P. J. Šafărik University in Košice         Faculty: Faculty of Science         Course ID: ÚCHV/       Course name: Saccharides         CHSA/04       Course name: Saccharides         Course type, scope and the method:       Course type: Lecture / Practice         Recommended course-load (hours):       Per week: 2 / 2 Per study period: 28 / 28         Course method: present       Number of ECTS credits: 8		
Faculty of ScienceCourse ID: ÚCHV/ CHSA/04Course name: SaccharidesCourse type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: presentNumber of ECTS credits: 8	University: P. J. Šafá	rik University in Košice
Course ID: ÚCHV/ CHSA/04Course name: SaccharidesCourse type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: presentNumber of ECTS credits: 8	Faculty: Faculty of S	cience
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 2 Per study period: 28 / 28 Course method: present Number of ECTS credits: 8	Course ID: ÚCHV/ CHSA/04	Course name: Saccharides
	Course type, scope a Course type: Lectur Recommended cou Per week: 2 / 2 Per Course method: pre Number of ECTS cr	Ind the method: re / Practice rse-load (hours): study period: 28 / 28 esent redits: 8

Recommended semester/trimester of the course:

Course level: III.

Prerequisities:

**Conditions for course completion:** 

Seminar written discussion. Terminal examination by written form.

#### Learning outcomes:

The general review on carbohydrate chemistry and application of simple saccharide molecules as building blocks (chiral-pool approach) in modern organic synthesis for the construction of more complex natural and unnatural structures.

#### Brief outline of the course:

General introduction, nomenclature of monosaccharides, configuration and stereochemistry of monosaccharides (the Fischer projection, the Haworth projection, conformation of sugars). Reactions of monosaccharides (reactions of carbonyl groups and hydroxyl groups, protective group strategies, production of ethers, esters, acetals, ketals. Monosaccharide derivatives, their nomenclature and preparation. Ascending and descending reactions of monosaccharides. Functionalization of saccharides. Nucleophilic substitutions, oxidations, reaction of the anomeric carbon. Glycosylation methods. Synthesis of C-, N- and O-glycosides. Oligosaccharide synthesis. Application of monosaccharides and their derivatives as the chiral templates in the stereoselective organic synthesis.

#### **Recommended literature:**

Levy, D. E., Fügedi, P.: The organic chemistry of sugars. Taylor & Francis Group, LLC 2006, ISBN: 0-8247-5355-0.

2. El Khadem, H. S.: Carbohydrate Chemistry: Monosaccharides and Their Oligomers. Academic Press 1988, INC. (London) Ltd., ISBN: 0-12-236870-3.

3. Miljković, M.: Carbohydrates. Synthesis, mechanisms and stereoelectronic effects. Springer Science and Business Media, LLC, New York, 2009. ISBN: 978-0-387-92265-2.

#### **Course language:**

Notes:

Course assessment			
Total number of assessed students: 21			
Ν	Р		
0.0	100.0		
Provides: doc. RNDr. Miroslava Martinková, PhD.			
Date of last modification: 04.02.2020			
Approved: doc. RNDr. Miroslava Martinková, PhD.			

University: P. J. Šafá	rik University in Koši	ice		
Faculty: Faculty of S	cience			
<b>Course ID:</b> ÚCHV/ ZSP/04	urse ID: ÚCHV/ Course name: Study Stay Abroad P/04			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present				
Number of ECTS cr	edits: 2			
Recommended seme	ster/trimester of the	course:		
Course level: 111.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	ture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 79				
abs n				
100.0 0.0				
Provides:				
Date of last modifica	tion:			
Approved: doc. RND	r. Miroslava Martink	ová, PhD.		

×		-		
University: P. J. Šafá	rik University in Koš	ice		
Faculty: Faculty of S	cience			
Course ID: ÚCHV/ VBP/04	Course name: Supe	rvision of Bachelor The	esis	
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present				
Number of ECTS cr	edits: 6			
Recommended seme	ster/trimester of the	course:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended litera	iture:			
Course language:				
Notes:				
Course assessment Total number of assessed students: 292				
abs n				
100.0 0.0				
Provides:				
Date of last modifica	Date of last modification:			
Approved: doc. RND	r. Miroslava Martink	ová, PhD.		

University: P. J. Šafá	rik University in Košice				
Faculty: Faculty of S	cience				
Course ID: ÚCHV/ VPSV/04	Durse ID: ÚCHV/ Course name: Supervision of a Students Scientific Work PSV/04				
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS cro	edits: 6				
Recommended seme	ster/trimester of the cours	se:			
Course level: III.					
Prerequisities:					
Conditions for cours	e completion:				
Learning outcomes:					
Brief outline of the c	ourse:				
Recommended litera	ture:				
Course language:					
Notes:	Notes:				
Course assessment Total number of assessed students: 67					
abs n					
	100.0 0.0				
Provides:	Provides:				
Date of last modifica	Date of last modification:				
Approved: doc. RND	r. Miroslava Martinková, F	hD.			

University: P. J. Šafá	rik University in Košice			
Faculty: Faculty of S	cience			
Course ID: ÚCHV/ PDS/18	urse ID: ÚCHV/ Course name: Writing Dissertation Work S/18			
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent			
Number of ECTS cr	edits: 0			
Recommended seme	ster/trimester of the cou	rse:		
Course level: III.				
Prerequisities:				
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
<b>Recommended litera</b>	iture:			
Course language:				
Notes:	Notes:			
Course assessment Total number of assessed students: 6				
N P				
	0.0 100.0			
Provides:	Provides:			
Date of last modifica	Date of last modification:			
Approved: doc. RND	r. Miroslava Martinková	PhD.		

University: P. J. Šafá	rik University in Košice	2		
Faculty: Faculty of S	Faculty: Faculty of Science			
<b>Course ID:</b> ÚCHV/ PDS/05	Course name: Writing Dissertation Work			
Course type, scope a Course type: Recommended cour Per week: Per stud Course method: pre	nd the method: rse-load (hours): y period: esent			
Number of EC18 cr	edits: U			
Course level: III	ster/trimester of the co	burse:		
Duonoguigitioge				
Prerequisities:	1.4			
Conditions for cours	e completion:			
Learning outcomes:				
Brief outline of the c	ourse:			
Recommended liters	iture:			
Course language:				
Notes:	Notes:			
Course assessment Total number of assessed students: 80				
abs n				
100.0 0.0				
Provides:	Provides:			
Date of last modifica	Date of last modification: 03.05.2015			
Approved: doc. RND	Dr. Miroslava Martinkov	vá, PhD.		