

CONTENT

1. Active participation in domestic international scientific conference.....	2
2. Active participation in domestic scientific conference.....	3
3. Active participation in foreign scientific conference.....	4
4. Article in domestic Current Contents journal.....	5
5. Article in domestic non-CC (peer-reviewed) journal.....	6
6. Article in foreign Current Contents journal.....	7
7. Article in foreign non-CC (peer-reviewed) journal.....	8
8. Basics of Scientific Work and Ethics.....	9
9. Citation in a foreign scientific journal.....	10
10. Citation in a monograph.....	11
11. Citation in domestic scientific journal.....	12
12. Citation registered in the Web of Science database.....	13
13. Course teaching.....	14
14. Data Collection Methods for GIS.....	15
15. Digital Terrain Models.....	16
16. Dissertation examination.....	17
17. Dissertation and its defence.....	18
18. English Language for PhD Students 1.....	19
19. English Language for PhD Students 2.....	20
20. Foreign study stay.....	22
21. GNSS and Remote Sensing Methods.....	23
22. Geospatial Analysis and Modelling.....	24
23. Geospatial Reference Systems.....	25
24. Getting funding for internal project.....	26
25. How to easily write an effective scientific paper.....	27
26. Institute seminar presentation.....	29
27. Mapping using Unmanned Aerial Vehicles.....	30
28. Member of organisational conference committee.....	31
29. Member of the domestic project team (APVV, VEGA, KEGA,...).....	32
30. Member of the internal project team.....	33
31. Member of the international project team.....	34
32. Mentoring Student Scientific Conference publication.....	35
33. Methods of Geographic Research.....	36
34. Non peer-reviewed article in foreign or domestic proceedings.....	37
35. Nontraditional geostatistical methods.....	38
36. Parallel and Distributed Systems.....	40
37. Patents, inventions, software.....	41
38. Pedagogy for university teachers.....	42
39. Peer-reviewed article in foreign or domestic proceedings.....	43
40. Programming for GIS.....	44
41. Psychology for University Lecturers.....	45
42. Software engineering.....	47
43. Theory and Methodology in Geoinformatics.....	48
44. Thesis mentoring.....	49
45. WebGIS and Interoperability of Geographic Information.....	50

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ AUDZ/17	Course name: Active participation in domestic international scientific conference
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 9	
abs	n
100.0	0.0
Provides: doc. RNDr. Ján Kaňuk, PhD.	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/AUDK/17	Course name: Active participation in domestic scientific conference
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 9	
abs	n
100.0	0.0
Provides:	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/AUZK/17	Course name: Active participation in foreign scientific conference
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 9	
abs	n
100.0	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ VPDK/17	Course name: Article in domestic Current Contents journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 1	
abs	n
100.0	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ VPDN/17	Course name: Article in domestic non-CC (peer-reviewed) journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 7	
abs	n
100.0	0.0
Provides: prof. Ing. Vladimír Sedlák, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ VPZK/17	Course name: Article in foreign Current Contents journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 20	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 11	
abs	n
100.0	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ VPZN/17	Course name: Article in foreign non-CC (peer-reviewed) journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 6	
abs	n
100.0	0.0
Provides: prof. Ing. Vladimír Sedlák, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ ZVPE/17	Course name: Basics of Scientific Work and Ethics
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 4.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 10	
N	P
0.0	100.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.	
Date of last modification: 28.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ CZVC/17	Course name: Citation in a foreign scientific journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 11	
abs	n
100.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD.	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ CMON/17	Course name: Citation in a monograph
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 20	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 3	
abs	n
100.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD.	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ CDVC/17	Course name: Citation in domestic scientific journal
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 8	
abs	n
100.0	0.0
Provides: doc. RNDr. Ján Kaňuk, PhD.	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/CSCI/17	Course name: Citation registered in the Web of Science database
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 20	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 36	
abs	n
100.0	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ PPC/17	Course name: Course teaching
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 57	
abs	n
100.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD., prof. Mgr. Jaroslav Hofierka, PhD., prof. RNDr. Peter Spišiak, CSc.	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/MZD/17	Course name: Data Collection Methods for GIS
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 3.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 5	
N	P
0.0	100.0
Provides: doc. RNDr. Ján Kaňuk, PhD., prof. Ing. Vladimír Sedlák, PhD.	
Date of last modification: 10.02.2020	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ DMR/17	Course name: Digital Terrain Models
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 4.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 10	
N	P
0.0	100.0
Provides: doc. Mgr. Michal Gallay, PhD.	
Date of last modification: 29.07.2019	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/DS/17	Course name: Dissertation examination
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 20	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 9	
N	P
0.0	100.0
Provides:	
Date of last modification: 05.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ ODIP/17	Course name: Dissertation and its defence
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 30	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 4	
N	P
0.0	100.0
Provides:	
Date of last modification: 28.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: CJP/AJD1/07		Course name: English Language for PhD Students 1			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present					
Number of ECTS credits: 2					
Recommended semester/trimester of the course: 1.					
Course level: III.					
Prerequisites:					
Conditions for course completion: Written assignments - professional CV, short academic biography (200-350 words). distance mode of instruction using MS teams					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 654					
N	Ne	P	Pr	abs	neabs
0.0	0.0	51.38	0.0	48.62	0.0
Provides: PhDr. Helena Petruňová, CSc., Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 11.02.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: CJP/AJD2/07	Course name: English Language for PhD Students 2
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 2.	
Course level: III.	
Prerequisites:	
Conditions for course completion: Distance mode of instruction. Online consultations. Test, oral exam in accordance with the exam requirements (https://www.upjs.sk/filozoficka-fakulta/cjp/doktorandi-upjs/)	
Learning outcomes: Development of students' language skills, improvement of students' linguistic competencies (selected aspects of English pronunciation, vocabulary and syntax), development of students' pragmatic competence (selected aspects of functional grammar) with focus on English for academic and specific purposes. B2/C1 level of language competence (according to CEFR.)	
Brief outline of the course: Specific aspects of academic and professional English with focus on vocabulary development (noun and verb collocations, phrasal verbs, prepositional phrases, word-formation, formal/informal language, etc.), selected aspects of English grammar (prepositions, grammar tenses, passive voice, etc.), selected functional grammar (expressing opinion, cause/effect, arguments, examples, etc.). Academic communication. Cross-language interference.	
Recommended literature: Kolaříková, Z., Petruňová, H., Tímková, R.: Angličtina v akademickom prostredí (cvičebnica). UPJŠ Košice, 2015 McCarthy, M., O'Dell, F.: Academic Vocabulary in Use. CUP, 2008 Štěpánek, L., J. De Haaf a kol.: Academic English-Akademická angličtina. Grada Publishing, a.s., 2011 Blašková, K.: Handbook of English for Postgraduate Students. Vyd. SPRINT Bratislava, 2007 Dušková, L. a kol.: Hovorová angličtina pre vedeckých a odborných pracovníkov. Veda. Bratislava, 1982 Armer, T.: Cambridge English for Scientists. CUP, 2011 Porter, D.: Check your vocabulary for Academic English. Macmillan Publishers Limited, 2008 Oxford Collocations Dictionary for students of English. OUP, 2002 lms.upjs.sk	
Course language:	

B2/C1 level according to CEFR					
Notes:					
Course assessment					
Total number of assessed students: 649					
N	Ne	P	Pr	abs	neabs
0.31	0.0	93.07	1.23	5.39	0.0
Provides: PhDr. Helena Petruňová, CSc., Mgr. Zuzana Kolaříková, PhD.					
Date of last modification: 10.02.2021					
Approved:					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ AZSP/17	Course name: Foreign study stay
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 0	
abs	n
0.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD., prof. Mgr. Jaroslav Hofierka, PhD., prof. RNDr. Peter Spišiak, CSc.	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ GNSS/17	Course name: GNSS and Remote Sensing Methods
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course: 1.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 14	
N	P
0.0	100.0
Provides: doc. Mgr. Michal Gallay, PhD., prof. Ing. Vladimír Sedlák, PhD.	
Date of last modification: 10.02.2020	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ GAM/17	Course name: Geospatial Analysis and Modelling
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course: 2.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 13	
N	P
0.0	100.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD., doc. RNDr. Ján Kaňuk, PhD.	
Date of last modification: 28.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ SUS/17	Course name: Geospatial Reference Systems
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 4.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 0	
N	P
0.0	0.0
Provides: prof. Ing. Vladimír Sedlák, PhD.	
Date of last modification: 28.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ ZIG/17	Course name: Getting funding for internal project
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 3	
abs	n
100.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/SCIP/19	Course name: How to easily write an effective scientific paper
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 1 Per study period: 14 / 14 Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: II., III.	
Prerequisites:	
Conditions for course completion: Lectures will cover course material in a general way, and will provide numerous suggestions for further reading and student self-learning, in particular via pointers to the primary literature. Students will be encouraged to develop practicing approaches for their own publishing needs. This self-learning approach will be further developed as students chose a “current debate” in research publication issues, design and build a presentation on their own publication scheme project that will be delivered to the class in the form of a standard presentation (practical session; 100%).	
Learning outcomes: Effective scientific publishing has never been so important – high levels of scrutiny both in editorial, peer review, and in terms of public spending mean that it's more-and-more critical to think about how, why, and where you are publishing your work. Recent reports suggest over 4 million scientific papers are published each year and to be able to stand out from the crowd and show real impact is becoming ever more crucial. In this short training course, we will help you to achieve your potential in academic publishing, guide you through your publishing journey, and help get your work published in high impact journals. This course provides essential tips and tricks to enable you to achieve your writing aspirations by publishing your research in high impact journals. Although this presentation emphasises ECRs, it contains information useful to all interested in writing for publication. What's covered? 1. How to sell your work to editors, reviewers, and readers – your message; 2. Tips and tricks for things to put into your paper (and things not too); 3. A clear and easy-to-apply roadmap for writing an effective paper; 4. Gaining confidence in the publishing process; “... to publish a paper more easily”.	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment							
Total number of assessed students: 1							
A	B	C	D	E	FX	N	P
0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
Provides: doc. RNDr. Martin Kunderát, Ph.D.							
Date of last modification: 19.02.2019							
Approved:							

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ VUVS/17	Course name: Institute seminar presentation
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 3	
abs	n
100.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ MBLZ/17	Course name: Mapping using Unmanned Aerial Vehicles
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 3.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 9	
N	P
0.0	100.0
Provides: doc. Mgr. Michal Gallay, PhD., doc. RNDr. Ján Kaňuk, PhD.	
Date of last modification: 28.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ POVK/17	Course name: Member of organisational conference committee
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 10	
abs	n
100.0	0.0
Provides: doc. RNDr. Zdenko Hochmuth, CSc.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/SDP/17	Course name: Member of the domestic project team (APVV, VEGA, KEGA,...)
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 24	
abs	n
100.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ SIG/17	Course name: Member of the internal project team
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 4	
abs	n
100.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ SMP/17	Course name: Member of the international project team
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 3	
abs	n
100.0	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ VSVK/17	Course name: Mentoring Student Scientific Conference publication
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 3	
abs	n
100.0	0.0
Provides: doc. RNDr. Zdenko Hochmuth, CSc.	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ MGV/17	Course name: Methods of Geographic Research
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course: 2.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 14	
N	P
0.0	100.0
Provides: doc. Ing. Katarína Bónová, PhD., doc. Mgr. Ladislav Novotný, PhD.	
Date of last modification: 28.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ VPNZ/17	Course name: Non peer-reviewed article in foreign or domestic proceedings
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 7	
abs	n
100.0	0.0
Provides: doc. Mgr. Michal Gallay, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚFV/ NGM/15	Course name: Nontraditional geostatistical methods
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 3.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes: To acquaint students with interdisciplinary approaches to solving of geostatistical problems, based on models from statistical physics.	
Brief outline of the course: Geostatistical problems solved by innovative approach, an alternative to conventional geostatistical methods, based on models from statistical physics. Getting familiar with the basic concepts of statistical physics and their application to the physical lattice spin models. Geostatistical data modeled as correlated spatial random fields defined through local interactions - an analogy with statistical-physical spin models. Demonstrating the effectiveness and universality of defined models in the processing of bulky, for example, satellite or radar datasets.	
Recommended literature: PATHRIA, R.K., BEALE P.D. 2007: Statistical Mechanics. Elsevier. MECKE, K.R. (Ed.), STOYAN D. (Ed.) 2000: Statistical Physics and Spatial Statistics. Springer. LANDAU, D.P., BINDER. K 2009: A guide to Monte Carlo simulations in statistical physics. Cambridge University Press. ŽUKOVIČ, M., HRISTOPULOS, D.T. 2009: Classification of missing values in spatial data using spin models. Physical Review E 80 (1) 011116.	
Course language:	
Notes:	
Course assessment Total number of assessed students: 0	
N	P
0.0	0.0
Provides: prof. RNDr. Milan Žukovič, PhD.	
Date of last modification: 03.05.2015	

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ PADS/17	Course name: Parallel and Distributed Systems
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 4.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 0	
N	P
0.0	0.0
Provides: doc. RNDr. Jozef Jirásek, PhD.	
Date of last modification: 28.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ PAVS/17	Course name: Patents, inventions, software
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 10	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 0	
abs	n
0.0	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.	
Date of last modification: 02.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice		
Faculty: Faculty of Science		
Course ID: KPE/ PgVU/17	Course name: Pedagogy for university teachers	
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 credits: 5		
Recommended semester/trimester of the course:		
Course level: III.		
Prerequisites:		
Conditions for course completion:		
Learning outcomes:		
Brief outline of the course:		
Recommended literature:		
Course language:		
Notes:		
Course assessment Total number of assessed students: 33		
abs	n	neabs
100.0	0.0	0.0
Provides: doc. PaedDr. Renáta Orosová, PhD.		
Date of last modification: 08.06.2021		
Approved:		

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ VPRZ/17	Course name: Peer-reviewed article in foreign or domestic proceedings
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 6	
abs	n
100.0	0.0
Provides: prof. Ing. Vladimír Sedlák, PhD.	
Date of last modification: 01.10.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ PGIS/17	Course name: Programming for GIS
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 3.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 7	
N	P
0.0	100.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.	
Date of last modification: 28.09.2016	
Approved:	

COURSE INFORMATION LETTER

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 and the method: Course type: Lecture Recommended course-load (hours): Per week: Per study period: 28s Course method: present		
Number of ECTS credits: 5		
Recommended semester/trimester of the course:		
Course level: III.		
Prerequisites:		
Conditions for course completion:		
Learning outcomes:		
Brief outline of the course: University teacher and his work in the teaching process with a focus on: teacher in relation to himself (cognitive, personality, social competencies and competencies in the use of methods), in relation to students and as part of the teacher-student relationship based on selected areas of cognitive psychology, psychology of emotions and motivation, developmental psychology, social psychology, educational psychology and health psychology with application to the university environment.		
Recommended literature: Alexitch, L. R. (2005). Applying social psychology to education. Social Psychology.–Ed.: Schneider F., Gruman J., Coutts L.–Sage Publications, Inc, 205-228. Fry, H., Ketteridge, S., & Marshall, S. (2008). A handbook for teaching and learning in higher education: Enhancing academic practice. Routledge. Mareš, J.: Pedagogická psychologie. Portál, 2013. Kniha psychologie. Universum, 2014 Čáp, J., Mareš, J.: Psychologie pro učitele. Praha: Portál 2007. Vágnerová, M.: Školní poradenská psychologie pro pedagogy. Praha: Karolínium 2005.		
Course language:		
Notes:		
Course assessment Total number of assessed students: 37		
abs	n	neabs
100.0	0.0	0.0
Provides: PhDr. Anna Janovská, PhD.		
Date of last modification: 28.06.2021		

Approved:

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ SOI/17	Course name: Software engineering
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 3.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 0	
N	P
0.0	0.0
Provides: prof. RNDr. Gabriel Semanišin, PhD.	
Date of last modification: 28.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/TMG/17	Course name: Theory and Methodology in Geoinformatics
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 2 Per study period: 28 Course method: present	
Number of ECTS credits: 15	
Recommended semester/trimester of the course: 1.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 14	
N	P
0.0	100.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.	
Date of last modification: 28.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/ VZP/17	Course name: Thesis mentoring
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course:	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 18	
abs	n
100.0	0.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD.	
Date of last modification: 29.09.2016	
Approved:	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚGE/WGIS/17	Course name: WebGIS and Interoperability of Geographic Information
Course type, scope and the method: Course type: Lecture Recommended course-load (hours): Per week: 1 Per study period: 14 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 4.	
Course level: III.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 3	
N	P
0.0	100.0
Provides: prof. Mgr. Jaroslav Hofierka, PhD., doc. RNDr. Ján Kaňuk, PhD.	
Date of last modification: 28.09.2016	
Approved:	