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COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ ATA/22	Course name: Algebra and theoretical arithmetic
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: During the term, each student receives marks for two written exams. Final marking is assigned based on the overall points for the work throughout the term, for homework and their presentation. Marking classification: A:91%-100%, B:81%-90%, C:71%-80%, D:61%-70%, E:51%-60%, FX:0%-50%	
Learning outcomes: Obtain knowledge about sets N , Z , Q and R , about their axiomatic building-up, the operations and the orderings on them. The student will <ol style="list-style-type: none"> 1. familiarise themselves with mathematical culture, ways of thinking, self-expression and putting forward arguments, 2. gain a deeper understanding of the base terminology of real analysis, their properties and interconnections, 3. be able to define and interpret key terms, prove their basic properties and relationships, 4. know how to solve tasks focused on utilising the aforementioned concepts and interpret the obtained results. 	
Brief outline of the course: Ordered Domains, Axioms for Rings, Construction for Rings, Definition and Properties of the Integers, Number-Theoretic Properties of the Integers, The Rational Numbers, The Arithmetic of the Rational Numbers, Integral Domains and Quotient Fields, The Arithmetic of Sequences, Cantor Sequences, Null Sequences, The Real Numbers, Ordered Fields, Relations between Ordered Fields and the Field of Rational Numbers, the Completeness of the Real Numbers, more Theorems on Ordered and Complete, Ordered Fields, the Isomorphism of Complete, Ordered Fields, the Complex Numbers	
Recommended literature: T. Katriňák, M. Gavalec, E. Gedeonová, J. Smítal: Algebra a teoretická aritmetika (1), Alfa, Bratislava, 1985.	

T. Šalát, A. Haviar, T. Hecht, T. Katriňák: Algebra a teoretická aritmetika (2), Alfa, Bratislava, 1986.
 G. Birkhoff, S. Mac Lane: Prehľad modernej algebry, Alfa, Bratislava, 1979.
 N. T. Hamilton, J. Landin: Set Theory. The Structure of Arithmetic, Dover Publications, Inc., 2018.

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 71

A	B	C	D	E	FX
43.66	26.76	14.08	12.68	2.82	0.0

Provides: prof. RNDr. Jozef Doboš, CSc.

Date of last modification: 25.04.2022

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/APZC/09	Course name: Application of Human-Oriented Approach in Relationships
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites: KPPaPZ/DPs/09	
Conditions for course completion: Course completion conditions: 50% continuous assessment, 50% exam Ongoing evaluation: sebareflexia - 10b transcript of a recording of work with a client - 20b, evaluation of the work of two colleagues - 20b full participation in seminars mandatory Exam: written, in the form of an essay (max 50b) The final evaluation is the sum of the continuous evaluation and the exam: A = 90 - 100 points B = 80 - 89 points C = 70 - 79 points D = 60 - 69 points E = 51 - 59 points FX = 0 - 50 points Combined method.	
Learning outcomes: Knowledge: The aim of the subject education is to acquire the skills needed for basic work with the client in a human-centered approach. Skills: The output of the education is: 1. Acquired skills in conducting a psychotherapeutic conversation with the client, empathic and active listening, reflecting on the understanding of the client's experience. 2. Another output is knowledge of the process of psychotherapy in a human-centered approach. Competencies 3. Acquisition of knowledge about the main possibilities of application of a human-centered approach in work with children and adult clients.	
Brief outline of the course: Person centered therapy in a psychotherapy system. Evolution, current state, and perspectives of person-centered psychotherapy/approach.	

<p>Philosophical and psychological basis of person-centered psychotherapy. Self-actualization tendency.</p> <p>The theory of personality and etiopathogenesis of disorders in a human-centered approach. Fully functioning personality and its characteristics. Theory of psychotherapy and therapeutic change.</p> <p>Necessary and essential conditions of the psychotherapeutic process. Congruence, acceptance, empathy, therapist-client relationship.</p> <p>Characteristics and stages of the psychotherapeutic process. Factors of effectiveness of person-centered psychotherapy.</p> <p>Group work in a person-centered approach.</p> <p>Ethical principles of psychotherapy.</p> <p>Areas of application of person-centered therapy.</p> <p>CCC in the system of other psychotherapeutic approaches</p> <p>CCT as part of humanistic psychology</p> <p>History, periodization of approach development</p> <p>The current state and direction in Slovakia and abroad</p> <p>Philosophical and psychological view of CCT</p> <p>The theory of personality and etiopathogenesis of disorders</p> <p>19 postulates of the theory of personality according CCT</p> <p>Actualization</p> <p>Recent trends in the understanding of the theory of personality and actualization</p> <p>Theory of the psychotherapy and therapeutic changes</p> <p>Six necessary and sufficient conditions of therapeutic conditions</p> <p>Cooperation of congruence, acceptance and empathy.</p> <p>Characteristics of congruence, inner and outer congruency (transparency)</p> <p>Characteristics of acceptance</p> <p>Empathy as one of the necessary and sufficient conditions for psychotherapeutic change</p> <p>Four levels of empathic responses</p> <p>The difference between empathy and sympathy</p> <p>Types of empathic responses</p> <p>Empathy features</p> <p>Empathetic reactions and processes of empathy</p> <p>Working at depths of relationship.</p> <p>Variables on the client and therapist associated with the effectiveness of the CCT intervention,</p> <p>Characteristics of the psychotherapeutic process</p> <p>Seven stages of psychotherapeutic process</p> <p>Changes in attitude to each other, personality, behavior as a result of psychotherapeutic action</p> <p>Fully functioning personality and its characteristics</p> <p>Five stages of the psychotherapeutic process</p> <p>Proven effective factors of psychotherapy</p> <p>Conditions on the client side</p> <p>Conditions on the psychotherapist side</p> <p>Ethical principles of psychotherapy</p> <p>Process of changes in small and large group's adventure</p> <p>Features large and small adventure groups</p> <p>15 stages of changes of encounter</p> <p>Specific forms of CCT - pretherapy (specific approach for autistic children).</p>
Recommended literature:
Course language:

Notes:					
Course assessment					
Total number of assessed students: 138					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. PhDr. Beata Gajdošová, PhD.					
Date of last modification: 05.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ AIM/22	Course name: Application of ICT into mathematics teaching
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: 3.	
Course level: II.	
Prerequisites: ÚMV/DDMb/22	
Conditions for course completion: To master specific means of information and communication technologies usable for the support of mathematical education and for solving various types of mathematical problems. To be able to assess and evaluate the suitability and ways of using selected types of modern technologies to support active learning of mathematics. To be able to apply the basic principles of constructivism and research approaches to the teaching of mathematics in the planning and preparation of the teaching of mathematics. To be able to find and prepare ideas and examples for meaningful and effective use of information and communication technologies in the teaching process, to point out several possibilities of solving mathematical problems. Rating: Entry questionnaire - 2 b. Design and solution of motivational word problems for the use of systems of linear equations - 5 b. Test for the application of a spreadsheet in solving mathematical problems - 4 b. Project for the application of the EUR model or research-oriented teaching in teaching a selected topic - 10 b. Didactic processing of a selected construction task - 5 b. Test for solving construction tasks - 4 b. Participating in a discussion forum - 2 b. Use of CAS in solving tasks - 5 b. Design of examples for the use of CAS in teaching mathematics - 8 b. Classification scale: A: 91 % - 100 %, B: 81 % - 90 %, C: 71 % - 80 %, D: 61 % - 70 %, E: 51 % - 60 %, FX: 0 % - 50 %.	
Learning outcomes: Students will learn standard work procedures for the use of modern information and communication technologies in solving mathematical problems. Students will be provided with examples and suggestions for the use of modern information technologies in creating a stimulating learning environment supporting active learning mathematics. Students will gain skills in the use of modern information technologies in modeling real situations and exploring mathematical patterns. Development of creative and evaluation skills of students to plan and prepare the teaching of	

specific topics in school mathematics with effective and meaningful use of modern information technologies.

Brief outline of the course:

1. Integration of modern information technologies into mathematical education.
2. - 3. Possibilities of using mathematical tools of a spreadsheet in modeling and solving algorithmic problems in teaching mathematics.
4. - 5. Constructivist conception of teaching mathematics, research of properties of mathematical objects and their mutual relations.
6. - 7. Solving construction tasks, examining the properties of identical and similar transformations and their use in solving problems.
8. Possibilities of using dynamic geometric systems in solving selected types of stereometry tasks.
9. - 10. Mathematical modeling and problem solving in the CAS environment. The position of CAS in the teaching of mathematics.

Recommended literature:

Oldknow, A., Taylor, R., Tetlow, L.: Teaching Mathematics Using ICT, Bloomsbury Publishing, 2010.
Lukáč, S.: Multimédiá a počítačom podporované učenie sa v matematike, PF UPJŠ Košice 2001.
Johnston-Wilder, S., Pimm, D.: Teaching secondary mathematics with ICT, Open University Press, 2005.
Vaníček, J.: Počítačové kognitivní technologie ve výuce geometrie. Pedagogická fakulta Univerzity Karlovy, 2009.

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 204

A	B	C	D	E	FX
43.63	28.92	15.69	7.35	4.41	0.0

Provides: doc. RNDr. Stanislav Lukáč, PhD.

Date of last modification: 19.04.2022

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/ASP/15	Course name: Application of Systematic Approach in School Practice
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: The evaluation of the course (continuous and final) and its subsequent completion will be based on clearly and objectively set requirements, which will be set in advance and will not change. The aim of the assessment is to ensure an objective and fair mapping of the student's knowledge while adhering to all ethical and moral standards. There is no tolerance for students' fraudulent behavior, either in the teaching process or in the assessment process. Attendance - completion of 80% of teaching (lectures, seminars). Student assessment is also based on (1) activities during the semester (40 points) and (2) the final exam (60 points) demonstrating theoretical and practical knowledge and skills of systemic therapy. (1) Activities assessed during the semester: short test (max. 20 points) and presentation of the selected topic (max. 20 points). Minimum number of points required to pass the test: 21. (2) The final exam (max. 60 points) includes a test (max. 30 points) and a video presentation of a counseling meeting with the client, where the student will be able to use system procedures and techniques. Final evaluation (sum of all points): At least 91 points are needed for A, at least 81 points for B, at least 71 points for C, at least 61 points for D, at least 51 points for E, for FX = 50 and less.	
Learning outcomes: The purpose of this course is to equip students with a comprehensive, competent and respectful approach to people, especially in the professions of psychotherapy, psychological counseling and coaching. The aim of the course is to ensure that students: (1) they understood the scientific current called the "systems approach" (they were mainly acquainted with the basics of constructivist philosophy, communication theory, cybernetics and the theory of autopoietic systems), (2) had the basics of systems thinking (thinking of people as human and social systems interacting with other environments), (3) mastered the basic techniques of systemic work with the individual (abilities established frameworks for collaboration, established a respectful relationship, mastered supportive and competitive communication, and encouraged the transfer of results to other client situations), and (4) were able to apply all policies and procedures to each other.	

<p>The course is interactive, seminars and exercises alternate, in seminars students create theories and methodologies they learn, using stimulus sheets that give them a basic framework for thinking about concepts and models that offer systematic and systemic approaches. It allows everyone to choose from a wide range of systems theories and methodologies, the spectrum that best suits their personal and educational structure, and thus provides better guarantees for a more effective use of knowledge and skills in practice.</p> <p>The method of teaching the subject will be oriented to the student. Lecturers will be interested in the needs, expectations and opinions of students so as to encourage them to think critically by expressing respect and feedback on their opinions and needs.</p> <p>The content of the curriculum will be based on primary and high-quality sources that will reflect the topicality of the topics so as to ensure the connection of the curriculum with other subjects and also the connection of the curriculum with practice. Students will be expected to take an active approach in lectures and seminars with an emphasis on their independence and responsibility.</p> <p>Graduates of the course will be able to understand the basic ideas of a systemic approach and be able to apply systemic techniques in the context of school.</p>																	
<p>Brief outline of the course:</p> <p>Anchoring the systemic approach of other psychotherapeutic and assistive approaches; Philosophical background of the systemic approach (social constructivism, cybernetics, autopoietic systems); Basic questions and premises of systemic theory (objectivity, subjectivity, reality, causality, relation of language to reality); Systemic understanding of the problem; Attitudes, basic assumptions and goals in working with the client; Systemic questions (circular questions, questions to be solved, Andersen questions); Solution-oriented approach (starting points, goals and techniques)</p>																	
<p>Recommended literature:</p>																	
<p>Course language:</p>																	
<p>Notes:</p>																	
<p>Course assessment</p> <p>Total number of assessed students: 28</p> <table> <tr> <th>A</th><th>B</th><th>C</th><th>D</th><th>E</th><th>FX</th></tr> <tr> <td>53.57</td><td>42.86</td><td>3.57</td><td>0.0</td><td>0.0</td><td>0.0</td></tr> </table>						A	B	C	D	E	FX	53.57	42.86	3.57	0.0	0.0	0.0
A	B	C	D	E	FX												
53.57	42.86	3.57	0.0	0.0	0.0												
<p>Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Ondrej Kalina, PhD.</p>																	
<p>Date of last modification: 12.09.2024</p>																	
<p>Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.</p>																	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ APM/19		Course name: Applications of mathematics			
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: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion: Presentation on the chosen topic during the seminar.					
Learning outcomes: Students get an overview of applications of mathematics and its tools in various areas of human activity.					
Brief outline of the course: 1. Applications of graphs in analysis of complex networks, their central actors and their community structure. 2. Statistical methods used in shape recognition (geometric morphometrics, principal component analysis, linear regression) with application in the analysis of dinosaur skulls and other examples of the use of shape recognition in practice.					
Recommended literature: 1. E. A. Robinson, D. H. Ullmann: A mathematical look at politics, CRC Press, 2010. 2. U. Brandes, T. Erlebach: Network Analysis: Methodological Foundations (Lecture Notes in Computer Science, 3418), 2005. 3. Karchynskaya, V., Kopčáková, J., Klein, D., Gába, A., Madarasová-Gecková, A., van Dijk, J. P., de Winter, A. F. a Reijneveld, S. A. (2020). Is BMI a Valid Indicator of Overweight and Obesity for Adolescents? Int. J. Environ. Res. Public Health, 17, 4815.					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 28					
A	B	C	D	E	FX
82.14	17.86	0.0	0.0	0.0	0.0
Provides: RNDr. Andrej Gajdoš, PhD., doc. RNDr. Martina Hančová, PhD., doc. Mgr. Jozef Kiselák, PhD., doc. RNDr. Daniel Klein, PhD., prof. RNDr. Tomáš Madaras, PhD.					

Date of last modification: 25.08.2022
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/SNP/09	Course name: Bullying, Violence and Their Prevention
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., 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Active participation in seminars. Detailed information will be given. Active participation - 20% Seminar work - 40% Seminar work 2 - 40%	
Learning outcomes: Knowledge: the graduate of the course can summarize the latest knowledge about bullying in schools and its consequences. Skills. The student is able to analyse problem situations related to bullying and solve them. The student will develop professional skills through the implementation of prevention activities in seminars. Competences. The graduate of the course is sensitive to the issue of bullying, knows how to identify bullying in the early stages and prevent it from developing into serious forms.	
Brief outline of the course: Aggressive behavior. Characteristics of actors of bullying (personality, characteristics of family environment). Manifestations and possible causes of bullying. Bullying as a group process. The role of teacher, school and parent in solving bullying. Possibilities of prevention of bullying at the level of school, class, individuals. Primary, secondary and tertiary prevention. Socio-psychological activities used in the prevention of bullying.	
Recommended literature: Kolář, M.: Bolest šikanování. Cesta k zastavení epidemie šikanování ve školách. Portál, Praha, 2001 Jánošová a kol. Psychologie školní šikany. Grada, Praha, 2016 Říčan, P.: Agresivita a šikana mezi dětmi. Portál, Praha, 1995 Janošová, P., Kollerová, L., Cakirpaloglu, P., & Vorlíček, R. (2023). Empatie žáků vůči šikanovaným spolužákům. Československá psychologie, 67(1), 1-14.	
Course language:	
Notes:	

Course assessment					
Total number of assessed students: 214					
A	B	C	D	E	FX
85.51	13.08	0.93	0.47	0.0	0.0
Provides: doc. Mgr. Mária Bačíková, PhD.					
Date of last modification: 03.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/KP/09	Course name: Career Counselling
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: 2., 4.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Active participation in seminars, evaluation of practical outcomes within seminars; final seminar work	
Learning outcomes: Knowledge: The student knows the different theories of career counselling. The student is able to summarize and classify the knowledge about the possibilities of career counseling in the work of a career (or educational) counselor in schools. Skills: The graduate of the course will develop their career skills through independent input within the course and the preparation of their own careers guidance programme. Competences: The course will enable students to increase their competence in managing their own career.	
Brief outline of the course: Basic concepts of work psychology and career counseling. The importance of work for people. Psychological aspects and negative consequences of unemployment with a focus on a specific group of school graduates. Theories of career counseling. The role of career counselor in schools. Job opportunities for a career counselor. Career counseling methods. Self-knowledge, cognitive styles. Work adaptation and socialization, job satisfaction and job satisfaction, work motivation. Job interview, motivational letter, CV.	
Recommended literature: Vendel, Š. Kariérní poradenství. Grada, 2008 Martončík, M. Rozvoj a testovanie profesijných záujmov ako nástroj profesijného poradenstva. Filozofická fakulta Prešovskej univerzity v Prešove, 2019. Siegel, Z.: Jak úspěšně hledat a získat zaměstnání. Praha, Grada 2005 Amundson, N.E.- Haris-Bowlsbeyová, J.H.- Niles, S.G. Základné zložky kariérového poradenstva. Postupy a techniky. 1. vydání. Pearson, Ohio. Slovenská akademická asociácia pre medzinárodnú spoluprácu. Bratislava, 2011 Belz, H., Siegrist, M. (2001). Klíčové kompetence a jejich rozvíjení. Východiska, metody, cvičení a hry. Portál, Praha, 2001. ISBN 80-7178-479-6.	

Hargašová, M. (2008). Od teórie k praxi kariérového poradenstva v školách a školských zariadeniach. In Efektívna prevencia pred nezamestnanosťou začína kariérovou výchovou a kariérovým poradenstvom na školách a školských zariadeniach. Zborník. Bratislava: MPC.
Ihnacík, J. (2013). Kariérový poradca v poradenskej teórii a praxi. Bratislava: MPC

Course language:

Notes:

Course assessment

Total number of assessed students: 121

A	B	C	D	E	FX
80.99	19.01	0.0	0.0	0.0	0.0

Provides: doc. Mgr. Mária Bačíková, PhD.

Date of last modification: 03.09.2024

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPO/SDaM/15		Course name: Child and Adolescent Sociology			
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: 2					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 969					
A	B	C	D	E	FX
50.15	29.1	15.07	3.61	1.55	0.52
Provides: doc. Mgr. Alexander Onufrák, PhD.					
Date of last modification: 29.08.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/MT/09		Course name: Class Management			
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: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 607					
A	B	C	D	E	FX
51.89	35.42	9.88	1.48	0.49	0.82
Provides: doc. PaedDr. Renáta Orosová, PhD.					
Date of last modification: 12.03.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/MPPc/15	Course name: Continuous Teaching Practice I
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 4t Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites: KPPaPZ/MPPb/15	
Conditions for course completion: <ol style="list-style-type: none"> 1. Compulsory participation in the introductory organizational and information seminar. 2. Compulsory participation in observations and analysis classes in the training school. 3. Completion of 6 hours of observations and analysis hours with a practicing teacher. 4. Completion of 18 separate outputs and analysis hours under the guidance of a practicing teacher. 5. Submission of documentation on Output continuous practice I. (Observation records, Written preparations for lessons, Statement of observations and outputs of the trainee in the Output continuous practice I., Report on the Output continuous practice I, Evaluation of the Output continuous practice of the trainee).	
Learning outcomes: The student can: Plan and implement the teaching process. Present their own psychodidactic and professional-didactic concepts of teaching in real conditions of the school class. Apply didactic skills in teaching the subject of psychology acquired by observation during previous pedagogical practices. Evaluate one's own design of the lesson and the level of one's own professional competencies (areas: pupil, educational process, professional development) in the context of pedagogical theory and evaluation of the practicing teacher.	
Brief outline of the course: Observation and analysis of the lesson of the subject of psychology and individual pedagogical outputs of the trainee in the lesson under the guidance of a practicing teacher. Written preparation and implementation of internship teaching in classes, active participation in extracurricular and extracurricular activities. Analysis of the course of the Output continuous practice I. from the didactic point of view.	
Recommended literature: Current textbooks of psychology for primary and secondary schools in the Slovak Republic	
Course language:	
Notes:	

Course assessment	
Total number of assessed students: 188	
abs	n
100.0	0.0
Provides: doc. PhDr. Beata Gajdošová, PhD.	
Date of last modification: 24.06.2022	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/MPPd/15	Course name: Continuous Teaching Practice II
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6t Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: II.	
Prerequisites: KPPaPZ/MPPc/15	
Conditions for course completion: <ol style="list-style-type: none"> 1. Compulsory participation in the introductory organizational and information seminar. 2. Compulsory participation in observations and analysis classes in the training school. 3. Completion of 8 hours of observations and analysis hours with a practicing teacher. 4. Completion of 30 separate outputs and analysis hours under the guidance of a practicing teacher. 5. Submission of documentation on Output continuous practice I. (Schedule of hours of observations and outputs of the trainee, Observation records, Written preparations for lessons, Report of observations and outputs of the trainee on Output continuous practice II, Report on Output continuous practice II, Evaluation of Output continuous practice of the trainee).	
Learning outcomes: The student can: Plan and implement the teaching process in a continuous sequence of lessons and other forms of teaching. Implement pedagogical and professional teaching theory into the educational process of a specific subject. Apply didactic skills acquired during previous pedagogical practices directly in the educational environment. Evaluate one's own design of the lesson and the level of one's own professional competencies (areas: pupil, educational process, professional development) in the context of pedagogical theory and evaluation of the practicing teacher.	
Brief outline of the course: Course contents: Observation and analysis of the lesson of the subject of psychology and individual pedagogical outputs of the trainee in the lesson under the guidance of a practicing teacher. Written preparation and implementation of internship teaching in classes, active participation in extracurricular and extracurricular activities. Analysis of the course of the Output continuous practice II. from a didactic point of view.	
Recommended literature: Current textbooks of psychology for primary and secondary schools in the Slovak Republic	
Course language:	
Notes:	

Course assessment	
Total number of assessed students: 168	
abs	n
100.0	0.0
Provides: doc. PhDr. Beata Gajdošová, PhD., prof. PhDr. Margita Mesárošová, CSc.	
Date of last modification: 06.09.2024	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ VSPc/15	Course name: Continuous practice teaching I
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 4t Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites: ÚMV/VPPb/15	
Conditions for course completion: Teaching of a specified number of hours and visitations of specified number of classes (18 teaching and 6 visitation of classes). Submission of written assignments (reflection on teaching practice, statement of teaching hours and classes visitations, selected lesson plans).	
Learning outcomes: Application of the knowledge acquired in didactic courses focused on teaching mathematics in pedagogical practice. Development of the student's self-reflection within the framework of the analysis of the lessons taught by the student. Identification of the student's weaknesses in order to shift his/her knowledge. Acquaint students with the atmosphere and the organization of school.	
Brief outline of the course: Visitations of classes in selected lessons Analysis of lessons Lesson plans preparation Classes managed according to prepared lesson plan Reflection on realized classes	
Recommended literature: Mathematics curricula and textbooks for middle and secondary schools Hejný, M.: Teória vyučovania matematiky 2. Bratislava : SPN 1989 M. Hejný, J. Novotná, N. Stehlíková: Dvacet pět kapitol z didaktiky matematiky 2, Univerzita Karlova v Praze - Pedagogická fakulta, Praha, 2004	
Course language: Slovak	
Notes:	

Course assessment	
Total number of assessed students: 130	
abs	n
100.0	0.0
Provides: doc. RNDr. Ingrid Semanišinová, PhD., doc. RNDr. Dušan Šveda, CSc., RNDr. Veronika Hubeňáková, PhD.	
Date of last modification: 24.08.2022	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ VSPd/15	Course name: Continuous practice teaching II
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 6t Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 4.	
Course level: II.	
Prerequisites: ÚMV/VSPc/15	
Conditions for course completion: Teaching of a specified number of hours and visitations of specified number of classes (30 teaching and 8 visitation of classes). Submission of written assignments (reflection on teaching practice, statement of teaching hours and classes visitations, selected lesson plans).	
Learning outcomes: Application of the knowledge acquired in didactic courses focused on teaching mathematics in pedagogical practice. Development of the student's self-reflection within the framework of the analysis of the lessons taught by the student. Identification of the student's weaknesses in order to shift his/her knowledge. Acquaint students with the atmosphere and the organization of school.	
Brief outline of the course: Visitations of classes in selected lessons Analysis of lessons Lesson plans preparation Classes managed according to prepared lesson plan Reflection on realized classes	
Recommended literature: Mathematics curricula and textbooks for middle and secondary schools Hejný, M.: Teória vyučovania matematiky 2. Bratislava : SPN 1989 M. Hejný, J. Novotná, N. Stehlíková: Dvacet pět kapitol z didaktiky matematiky 2, Univerzita Karlova v Praze - Pedagogická fakulta, Praha, 2004	
Course language: Slovak	
Notes:	

Course assessment	
Total number of assessed students: 101	
abs	n
100.0	0.0
Provides: doc. RNDr. Ingrid Semanišinová, PhD., doc. RNDr. Dušan Šveda, CSc., RNDr. Veronika Hubeňáková, PhD.	
Date of last modification: 24.08.2022	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ PDM/15	Course name: Counselling Psychology for Children and Adolescents
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: 6	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites: KPS/PDE/08	
Conditions for course completion: 1. Completion of 80% of instruction (lectures, seminars). 2. Written test - Continuous evaluation (10 points, min. 6). 3. study - own consulting case (30 points, 16 min). Preparation and submitting the report from counseling process with the client and his legal representative. 4. Final evaluation: A written test (30 points) and an oral exam – analysis of the counseling procedure with the client (20 points) - final assessment. 50 points, minimum 26 points. Final evaluation sum of all points): For A is needed minimum 91 points, for B minimum 81 points, for C minimum 71 points, for D minimum 61 points, for E minimum 51 points, for FX = 50 and less The information will be yearly specified on the electronic noticeboard (even a black board can be) of the course in AiS2, alternatively in LMS UPJŠ or MS Teams environment.	
Learning outcomes: A student who completes the subject, should have knowledge of theoretical character on the evaluation level in relation to their application; he/she should be able to apply different theoretical frameworks in choosing the counseling approach. The aim is to provide the basic skills of conseling work with child and adolescent clients, the ability to assess the level and efficiency of conseling work. The information will be yearly specified on the electronic noticeboard (even a black board can be) of the course in AiS2, alternatively in LMS UPJŠ or MS Teams environment.	
Brief outline of the course: Theoretical approaches and models of children's and youth's psychological counseling. Psychological approach in counseling young people and adolescents. General principles of child and youth psychological counseling and psychological examinations of children and youth. Competence and specific skills for working with children and youth. Specifics of child psychological counseling. The integrative model of child and youth psychotherapy and counseling. Counseling on learning disabilities, mental retardation, brain dysfunction, sensory defects, disorders of behavior and emotions arising in childhood and youth. Psychological counseling in school failure: in children with sensory disorders, anxiety children. Psychological counseling in	

behavioral problems. Counseling work with maltreated children and perpetrators of bullying. Social and socio-cultural disadvantaged children, neglected children as clients of counseling psychology. Counseling work with young people in learning, personality, relationship problems. Career counseling: career choice and study as a vital developmental role, objectives and actions career counseling, career guidance relevant factors. Career guidance specific groups. Counseling programs and group counseling. Evaluation of the effectiveness of the counseling process. Ethics in counseling process. The information will be yearly specified on the electronic noticeboard (even a black board can be) of the course in AiS2, alternatively in LMS UPJŠ or MS Teams environment.

Recommended literature:

Duane Brown (2002). Career Choice and Development. Edition: 4th. San Francisco: Jossey-Bass.
 Kathryn Geldard (Author), David Geldard (Author), Rebecca Yin Foo (2013) Counselling Children: A Practical Introduction Fourth Edition Edition. SAGE Publications Ltd;
 Kathryn Geldard, David Geldard (2009) Counselling Adolescents: The Proactive Approach for Young People Third Edition Edition. SAGE Publications Ltd;
 William P. Erchul, Brian K. Martens (2012) School Consultation: Conceptual and Empirical Bases of Practice (Issues in Clinical Child Psychology) 3rd ed. Springer;
 Dawn P. Flanagan, Vincent C. Alfonso (2011). Essentials of Specific Learning Disability Identification. Hoboken, NJ: Wiley
 Caroline Jones – Ed., Carol Shillito-Clarke - Ed., Gabrielle Syme - Ed., Derek Hill - Ed., Roger Casemore - Ed., Lesley Murdin - Ed., (2000). Questions of Ethics in Counselling and Therapy. Philadelphia: Open University Press.
 PATISSON, S., ROBSON, M., & BEYNON, A. (2015). The Handbook of Counselling Children and Young People. Los Angeles, London, etc.: SAGE.
 Christiane Sanderson (2013) Counselling Skills for Working with Trauma: Healing From Child Sexual Abuse, Sexual Violence and Domestic Abuse (Essential Skills for Counselling). Jessica Kingsley
 Rosemary A. Thompson (2003). Counseling Techniques: Improving Relationships with Others, Ourselves, Our Families, and Our Environment. Edition: 2nd. New York: Brunner-Routledge. Publishers
 C. Eugene Walker – Ed., Michael C. Roberts – Ed. (2001). Handbook of Clinical Child Psychology. Edition: 3rd. New York: John Wiley & Sons.

Course language:

Slovak language, English language

Notes:

Course assessment

Total number of assessed students: 92

A	B	C	D	E	FX
54.35	29.35	7.61	8.7	0.0	0.0

Provides: prof. PhDr. Margita Mesárošová, CSc., Mgr. Viktória Hičárová, PhD.

Date of last modification: 18.09.2023

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ TTUP/15		Course name: Creating Text Teaching Aids			
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: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 273					
A	B	C	D	E	FX
57.14	31.5	8.06	2.56	0.73	0.0
Provides: doc. PaedDr. Renáta Orosová, PhD., Mgr. Zuzana Vagaská, PhD.					
Date of last modification: 12.03.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/VPU/17	Course name: Developmental Psychology for Teachers
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: II.	
Prerequisites:	
Conditions for course completion: active participation in seminars - 20% seminar work according to the current instructions on the electronic bulletin board- 40% final test - 40% Detailed and updated information will be posted on the electronic board	
Learning outcomes: The graduate will understand the principles of developmental psychology, and will be able to characterize the norm in separate developmental stages with a specific focus on the period of school age and adolescence. As part of the seminar work, a students will process current knowledge published in foreign journals. They will have a knowledge about the current social discourse on the topics covered. The graduate will be able to consider various aspects of the possible influence of parents and friends on the development of piupils and apply the knowledge of developmental psychology in the practice of the teacher.	
Brief outline of the course: Determinants and factors of development, cognitive development, personality development. Socialization in separate developmental stages (family, peers, school). Specifics of development in the period of school age, in pubescence and adolescence. Parents and their role in child development. Application of knowledge of developmental psychology in the teacher's practice - communication with students in different developmental stages, creating a teacher-student relationship with respect to the development needs of the student.	
Recommended literature: Bačíková a kol. (2023). Keď dieťa potrebuje nielen psychológa. Grada publishing. Vágnerová, M. Vývojová psychologie. Portál, Praha 2000 Říčan, P. Cesta životem. Portál, Praha, 2004. Thorová, K. Vývojová psychologie. Portál, Praha, 2015. Macek, P. Adolescence. Praha: Portál, 2003 Matějček, Z. - rôzne diela Bačíková, M. Psychológia rodičovskej kontroly, Šafárik Press, Košice 2019	
Course language:	

Notes:					
Course assessment					
Total number of assessed students: 109					
A	B	C	D	E	FX
77.98	15.6	3.67	2.75	0.0	0.0
Provides: doc. Mgr. Mária Bačíková, PhD.					
Date of last modification: 03.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ DDMa/22		Course name: Didactics of mathematics I			
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.					
Prerequisites:					
Conditions for course completion: Active participation - 40% of assessment Seminar works - 60% of assessment					
Learning outcomes: The student understands the term function and its various aspects also in the context of different definitions of the term function. He looks critically at the school curriculum from the point of view of the development of the concept of function. It characterizes high-quality formative assessment and can react differently to correct and incorrect student solutions. He applies the acquired knowledge in the design of the lesson plan. He knows the MTSK model and knows how to use it as a tool for his self-reflection.					
Brief outline of the course: The concept of function in mathematics, its aspects, and definitions. The concept of function in the school curriculum, knowledge of the structure of mathematics with respect to the concept of function. Proximal formative assessment, knowledge of the characteristics of learning mathematics. Instrumented formative assessment with a focus on the use of digital technologies for assessment in mathematics. Selection of tasks and digital tools for teaching functions. MTSK model as a tool for teacher self-reflection.					
Recommended literature: Slovak and Czech mathematics textbooks for secondary education. National mathematics curriculum of Slovakia, Czech republic and USA.					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 123					
A	B	C	D	E	FX
47.15	34.15	11.38	4.07	3.25	0.0

Provides: RNDr. Veronika Hubeňáková, PhD.
Date of last modification: 26.08.2022
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/DDMb/22	Course name: Didactics of mathematics II
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: 5	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites: ÚMV/DDMa/22	
Conditions for course completion: Conditions for continuous evaluation: <ol style="list-style-type: none"> 1. Participation in teaching in accordance with the study rules and instructions of the teacher. 2. Activity at seminars. 3. Homework and continuous written tests. 4. Seminar work - creation of an output didactic test Conditions for successful completion of the course: <ol style="list-style-type: none"> 1. Participation in teaching in accordance with the study regulations and according to the instructions of the teacher; 2. Credits will be awarded to a student who obtains at least 50% of points from homework, at least 50% of points from written tests, at least 50% of points from the seminar work and at least 50% from the oral exam. 3. Continuous assessment - 60% of the total assessment, oral exam - 40% of the overall assessment At least 90% of points must be obtained to obtain an A rating, at least 80% to obtain a B rating, at least 70% to obtain a C rating, at least 60% to obtain a D rating, and at least 50% points to obtain an E rating.	
Learning outcomes: Students will learn the basic principles of teaching mathematics in secondary and primary schools, strategies for solving problems, creating problem systems, logical-didactic analysis of the curriculum and creating didactic tests. At the same time, they will demonstrate the ability to prepare for teaching specific topics with priority in primary school.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Subject of Didactics of Mathematics, the development of mathematics and mathematics education. 2. Aims and objectives of mathematics teaching 3. Planning in mathematics teaching Logical and didactical curriculum analysis Determination of learning objectives 4. - 5. Didactical principles, methods of mathematics teaching 6. - 7. Assessment of learning outcomes, the creation of didactic tests 8. Mathematical problems 	

9. - 10. Construction numeric fields, 11. Theory of elementary functions, 12. - 13. Synthetic and analytic geometry					
Recommended literature: [1] M.Hejný a kol.: Teorie vyučovania matematiky, SPN Blava 1989, (in slovak) [2] L.Frantíková,K.Hončarivová,O.Kopanev: Didaktika matematiky, UPJŠ 1982 (in slovak) [3] R.Fischer,G.Malle: Človek a matematika, SPN Bratislava 1992 (in slovak) [4] Polya, G.: How to solve it, Princeton University Press, 1957. [5] Hejný, M., Kuřina, F.: Dítě, škola a matematika: Konstruktivistické přístupy k vyučování. Portál, Praha 2001. (in czech) [5] Textbooks and collections of assignments for secondary and primary schools					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 133					
A	B	C	D	E	FX
36.09	31.58	21.05	8.27	3.01	0.0
Provides: doc. RNDr. Dušan Šveda, CSc.					
Date of last modification: 05.05.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/DDMc/22	Course name: Didactics of mathematics III
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: 5	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites: ÚMV/DDMb/22	
Conditions for course completion: Conditions for continuous evaluation: <ol style="list-style-type: none"> 1. Participation in teaching in accordance with the study rules and instructions of the teacher. 2. Activity. 3. Homework and written tests. 4. Seminar work and its presentation at the seminar - lesson plan on the selected topic Conditions for successful completion of the course: <ol style="list-style-type: none"> 1. Participation in teaching in accordance with the study regulations and according to the instructions of the teacher; 2. Credits will be awarded to a student who scores at least 50% on homework assignments, at least 50% on written tests, and at least 50% on a seminar work. A grade of A requires at least 90%, a grade of B requires at least 80%, a grade of C requires at least 70%, a grade of D requires at least 60%, and a grade of E requires at least 50%. 	
Learning outcomes: The student demonstrates a shift in students' cognitive understanding specifically by orienting to some familiar general student problems (e.g., distinguishing between sentences and definitions) and to specific problems in some areas of mathematics (e.g., incorrect use of the equals sign) when solving a homework assignment. While solving problems on written tests, the student will show that he or she has a conceptual understanding of mathematical concepts, properties and methods from school mathematics and is familiar with some standard and nonstandard procedures that students use when learning mathematics. When presenting the seminar work, the student demonstrates that he/she is aware of the potential of the chosen topic, the necessary input knowledge of the pupils and the connections within the topic and with other topics, and has developed the objectives of the lesson properly. Furthermore, he/she demonstrates that he/she is aware of the possibilities of the proposed activities, teaching methods, selected tasks (what are their weaknesses and strengths). Demonstrates that he/she reflects on the response to a pupil's mistake in order to help him/her in his/her learning.	
Brief outline of the course:	

The content is based on current research findings related to mathematics teacher's specialised knowledge model. We focus mainly on pedagogical content knowledge, specifically knowledge of features of learning mathematics, knowledge of mathematics teaching, and knowledge of mathematics learning standards.

This knowledge is developed in the context of the five essential topics:

- Numbers, variables and numerical operations with numbers
- Relationships, functions, tables, diagrams
- Geometry and measurement
- Combinatorics, probability, statistics
- Logic, reasoning, proofs.

Within these essential topics we deal with the cognitive process of students, different representations of mathematical concepts, students' difficulties and their possible causes, teaching mathematical proofs, developing students' creativity, ways of motivating pupils, and also some didactical theories, such as Van Hiele's theory of geometric thinking. In each topic area we focus on critical points in terms of students' learning and the teaching of mathematics, preferably in secondary school.

Recommended literature:

- [1] M.Hejný a kol. Teória vyučovania matematiky. Bratislava: SPN, 1989.
- [2] Hejný, M.; Kuřina, F. Dítě, škola a matematika: konstruktivistické přístupy k vyučování. Praha: Portál, 2001.
- [3] Hejný, M.; Novotná, J.; Stehlíková, N. Dvacet pět kapitol z didaktiky matematiky. Praha: PedF UK, 2004.
- [4] Fischer, R.; Malle, G. Človek a matematika, Bratislava: SPN, 1992.
- [5] Vondrová Naďa a kol. Kritická místa matematiky základní školy v řešení žáků. Praha: Karolinum, 2016.
- [6] Textbooks and collections of problems and tasks for secondary and middle school.

Course language:

Slovak

Notes:

Course assessment

Total number of assessed students: 125

A	B	C	D	E	FX
59.2	14.4	16.0	5.6	4.0	0.8

Provides: doc. RNDr. Ingrid Semanišinová, PhD.

Date of last modification: 14.04.2022

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ DPP2a/22	Course name: Diploma project I
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 1.	
Course level: II.	
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	
abs	n
100.0	0.0
Provides:	
Date of last modification: 24.08.2022	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ DPP2b/22	Course name: Diploma project II
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 2.	
Course level: II.	
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	
abs	n
100.0	0.0
Provides:	
Date of last modification: 24.08.2022	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ DPP2c/22	Course name: Diploma project III
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 15	
abs	n
100.0	0.0
Provides:	
Date of last modification: 24.08.2022	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ DPP2d/22	Course name: Diploma project IV
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: 4.	
Course level: II.	
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	
abs	n
100.0	0.0
Provides:	
Date of last modification: 24.08.2022	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/PDZUP/09	Course name: Drug Addiction Prevention for Psychology Teachers
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: 5	
Recommended semester/trimester of the course: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion: 1st of the semester evaluation: active participation in the training part (30p). 2nd part of the semester evaluation: active participation in workshops (20p). 3rd part of the semester evaluation - preparation (10p) and implementation (10p) of block activities (20p, minimum 11 points). Part 4 of the evaluation - written knowledge exam (20p, minimum 11 points). Part 5 of the evaluation - essay (10p, minimum 6 points). In total, students can get 100p and the final grade is as follows: 100 - 94: A 93 - 87: B 86 - 80: C 79 - 73: D 72 - 66: E 65 and less: FX. Detailed information in the electronic board of the course in AIS2. The teaching of the subject will be realized by a combined method.	
Learning outcomes: The student understands the principals of the research data based prevention of risk behavior, can describe and explain the determinants of risk behavior as well as protective and risk factors for substance use. Understands and adequately interprets the theory explaining the background of substance and non-substance addictions. The student is also able to state and classify the types and forms of prevention, strategies and approaches in prevention, can distinguish effective strategies from ineffective ones. The student is able to apply the acquired experience with the management of preventive activities in a group and evaluate effective work strategies in the field of prevention in school practice.	
Brief outline of the course: Psychological, pedagogical-psychological, medical and legal-forensic aspects of substance use prevention Prevention of substance use based on risk and resilience Primary, secondary and tertiary prevention of substance use Universal, selective and indicated prevention of substance use Counseling-preventive and intervention practice of school psychologists Effective substance prevention strategies based on research data School substance use prevention programs Preparation and implementation of components of effective programs for the prevention of substance use in school practice.	
Recommended literature:	

Orosová, O. a kol. (2012). Základy prevencie užívania drog a problematického používania internetu v školskej praxi. Košice: UPJŠ.
 Sloboda, Z., & Bukoski, J. (Eds.). (2006). Handbook of Drug Abuse Prevention: Theory, Science, and Practice. New York: Springer.
 National and international scientific journals.

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 128

A	B	C	D	E	FX
57.81	28.13	10.94	0.78	1.56	0.78

Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Viera Čurová, PhD., Mgr. Janka Liptáková, PhD. Anna Janovská, PhD., Mgr. Zuzana Michalove

Date of last modification: 24.06.2022

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/PUDU/15	Course name: Drug Addiction Prevention in Educational Practice
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 1., 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: 1st part of the semester evaluation: active participation in the training part (30p). 2nd part of the semester evaluation: active participation in workshops (20p) 3rd part of the semester evaluation - preparation (10p) and implementation (10p) of block activities (20p, minimum 11 points). 4th part of the evaluation - written knowledge exam (20p, minimum 11 points). In total, students can get 90p and the final grade is as follows: 90 - 82: A 81 - 73: B 72 - 66: C 65 - 59: D 58 - 54: E 53 and less: FX. Detailed information in the electronic bulletin board of the course in AIS2. The teaching of the subject will be realized by a combined method.	
Learning outcomes: The student understands principals of research data based prevention of risk behavior, can describe and explain the determinants of risk behavior as well as protective and risk factors for substance use. Understands and adequately interprets the theory explaining the background of substance and non-substance addictions. The student is also able to state and classify the types and forms of prevention, strategies and approaches in prevention, can distinguish effective strategies from ineffective ones. The student is able to apply the learned rules, procedures and competencies for the work of a teacher in the field of drug use prevention, as well as the acquired professional skills for the work of a teacher and prevention coordinator at school.	
Brief outline of the course: Psychological, pedagogical-psychological, medical and legal-forensic aspects of substance use prevention Prevention of substance use based on risk and resilience Primary, secondary and tertiary prevention of substance use Universal, selective and indicated prevention of substance use Effective substance prevention strategies based on research data Preparation and implementation of components of effective substance use prevention programs	
Recommended literature: Orosová, O. a kol. (2012). Základy prevencie užívania drog a problematického používania internetu v školskej praxi. Košice: UPJŠ.	

Sloboda, Z., & Bukoski, J. (Eds.). (2006). Handbook of Drug Abuse Prevention: Theory, Science, and Practice. New York: Springer. National and international scientific journals.					
Course language: slovak					
Notes:					
Course assessment Total number of assessed students: 420					
A	B	C	D	E	FX
50.71	41.43	7.14	0.71	0.0	0.0
Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Viera Čurová, PhD., Mgr. Janka Liptáková, PhDr. Anna Janovská, PhD., Mgr. Zuzana Michalove					
Date of last modification: 24.06.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ DGE/22	Course name: Dynamic geometry
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Master the concept of dynamic geometric systems and commands for creating and modifying dynamic constructions. To be able to use dynamic geometric systems in the study of the properties of geometric shapes and the discovery of geometric patterns. To be able to effectively use the commands of dynamic geometric systems for modeling various situations, solving geometric problems, exploring geometric transformations, exploring graphs of functions, data processing. Rating: Test requiring the solution of geometric problems using classical tools and the use of a dynamic geometric system - 16 b. Elaboration of a project focused on the use of a dynamic geometric system in solving geometric problems on a selected topic - 16 b. Classification scale: A: 91 % - 100 %, B: 81 % - 90 %, C: 71 % - 80 %, D: 61 % - 70 %, E: 51 % - 60 %, FX: 0 % - 50 %.	
Learning outcomes: Skills to create dynamic constructions in a dynamic geometric system and to use commands usable in solving geometric problems. Knowledge and skills to effectively use geometric, algebraic and other types of tools in experimenting with geometric objects and their attributes, in discovering invariant properties of geometric shapes and geometric relationships between objects in triangles, quadrilaterals, conic sections and in basic types of spatial bodies. Be able to use geometric transformations in solving more complex constructing tasks.	
Brief outline of the course: 1.-4. Constructions and investigation of properties and geometric relations in triangles, quadrilaterals, circles and their use in solving construction problems. Menelaos's theorem, Ceva's theorem, Varignon's theorem, Ptolemy's theorem, cyclic and tangential quadrilaterals, center of gravity of triangles and quadrilaterals. 5. Investigation of sets of points with a given property. 6. Discovering and testing geometric relationships. 7. Composing congruent transformations. Use of congruent and similar transformations and circular inversion for solving tasks.	

8. Mathematical modeling, investigation of functional dependencies between quantities, solving problems to find extremes. 9.-10. Constructions of bodies, mutual positions of geometric shapes in space, sections of bodies, intersection of a line with a body.					
Recommended literature: Vaníček, J.: Počítačové kognitivní technologie ve výuce geometrie, Pedagogická fakulta Univerzity Karlovy, 2009 Stahl, G.: Dynamic-Geometry activities with GeoGebra for Virtual Math Teams, The Math Forum at Drexel University, 2012. De Villiers, M., D.: Rethinking proof with the Geometer's Sketchpad. Key Curriculum Press, 2003.					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 66					
A	B	C	D	E	FX
54.55	24.24	16.67	4.55	0.0	0.0
Provides: doc. RNDr. Stanislav Lukáč, PhD.					
Date of last modification: 19.04.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/VP/09		Course name: Educational Counselling			
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: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 233					
A	B	C	D	E	FX
73.82	16.31	6.44	2.58	0.86	0.0
Provides: PhDr. Anna Janovská, PhD.					
Date of last modification: 14.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/PaSPP/09	Course name: Educational and School Psychology for Teachers
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: 5	
Recommended semester/trimester of the course: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Ongoing assessment: Written test and assignment. Maximum of 50 points. Conditions for admission to the exam: Active participation in classes and a minimum of 35 points obtained during the semester. Final assessment: Ongoing assessment (50%) and written exam (50%) / 10 questions. Final grading: A: 94-100 B: 87-93 C: 80-86 D: 73-79 E: 66-72 FX: 0-65 Electronic course board AIS2 – further information and updates. Combined method.	
Learning outcomes: Students will be able to show understanding of the human behaviour in educational situations, the provision of psychological services to adolescents within the contexts of schools, families, and other settings that impact their growth and development. Students will be able to describe, explain and justify possible teachers' and school psychologists' decisions by using psychological concepts, principles and theories. Students will be able to apply the psychological knowledge, their decision-making abilities, research and statistical skills, interpersonal skills, knowledge of ethics within the contexts of schools, families, and other settings that impact adolescents' growth and development. Students will be able to explain how adolescents learn and retain new information, to explain their behaviour in response to educational environment. Students will be able to explain the desired data-based modification of adolescents' behaviour to bring an all-round development of his personality and school performance, to explain the desired data-based modification of the behaviour of adolescents with educational problems, with disadvantages.	
Brief outline of the course:	

Educational psychology and its transformations. Social context of school, upbringing and education. History and present of school psychology. Professional forms of control and assistance in school practice. Psychology of teaching and education. Teacher - students - school class - psychosocial climate of school class - school. The role of school psychologists in school; activity of school psychologist in relation to pupils, teachers, parents. Ethical standards of school psychologist's work.

Recommended literature:

Compulsory:

Lectures (Literary sources in published lectures)

Mareš, J. Pedagogická psychologie. Praha: Portál 2013.

Štech, S., Zapletalová, J.: Úvod do školní psychologie. Praha : Portál 2013.

Recommended:

Orosová, O. a kol: Psychológia a pedagogická psychológia 1. Košice: UPJŠ, 2005.

Čáp, J., Mareš, J.: Psychologie pro učitele. Praha: Portál 2002.

Fontana, D. : Psychologie ve školní praxi. Praha: Portál 1997.

Křivohlavý, J.: Psychologie zdraví. Praha: Portál 2003.

Orosová, O. a kol. (2012). Základy prevencie užívania drog a problematického používania internetu v školskej praxi. Košice: UPJŠ.

Křivohlavý, J.: Pozitivní psychologie. Praha: Portál 2004.

ELECTRONIC INFORMATION RESOURCES (UL UPJŠ).

Course language:

Notes:

Course assessment

Total number of assessed students: 188

A	B	C	D	E	FX
17.55	26.06	22.87	21.28	12.23	0.0

Provides: prof. PhDr. Ol'ga Orosová, CSc., doc. PhDr. Beata Gajdošová, PhD.

Date of last modification: 09.09.2024

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ ZSP/15		Course name: Essentials of Special Education			
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: 2					
Recommended semester/trimester of the course: 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 702					
A	B	C	D	E	FX
55.98	24.22	11.11	5.13	2.85	0.71
Provides: PaedDr. Michal Novocký, PhD.					
Date of last modification: 14.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ ZZP/12		Course name: Experiential Education			
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present					
Number of ECTS credits: 4					
Recommended semester/trimester of the course: 1., 3.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 410					
A	B	C	D	E	FX
44.63	37.8	13.66	3.66	0.24	0.0
Provides: doc. PaedDr. Renáta Orosová, PhD., Mgr. Beáta Sakalová, PhD.					
Date of last modification: 14.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ GEO2a/22	Course name: Geometry I
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 2 / 1 Per study period: 28 / 14 Course method: present	
Number of ECTS credits: 3	
Recommended semester/trimester of the course: 2.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: In the covered areas of geometry, the ability to formulate definitions and statements, to present proofs of statements, to explain individual steps in proofs and to solve selected problems related to given topics is required. Evaluation: A ... at least 90%, B ... at least 80%, C ... at least 70%, D ... at least 60%, E ... at least 50%, FX ... less than 50%	
Learning outcomes: Acquired knowledge about the axiom system of Euclidean geometry, about the validity of the basic tools of planimetry, about sets of points of a given property, about congruence transformations and homothety in the plane, about important points, lines and circles in triangles and about quadrilaterals and their properties. The ability to use the above knowledges and tools to solve problems on this area. A new look at classical geometric results.	
Brief outline of the course: - (week 1-3) Hilbert's axiom system (axioms, triangle congruence theorems, pairs of congruent or "complementary" angles, basic proportionality theorem, triangle similarity theorems) - (week 4-5) Basic tools of planimetry (Euclid's theorem, Pythagorean theorem, Thales' theorem, law of cosines, extended law of sines, central and inscribed angle theorem, area of a triangle) - (week 6) Point sets of the given property (bisectors, equidistants, Apollonius circle) - (week 7) Transformations (congruence transformations of the plane, homothety in the plane) - (week 8-11) Points and lines connected with a triangle (Menelaus's theorem, Ceva's theorem, points of interest, the incircle and excircles, pedal triangles, Euler line, nine-point circle, Simson lines) - (week 12-13) Quadrangles (Varignon's parallelogram, cyclic quadrangles, Ptolemy's theorem, Brahmagupta's formula)	
Recommended literature: 1. D. Hilbert, Grundlagen der Geometrie, Teubner, 1968. 2. H.G. Forder, Foundations of Euclidean geometry, Dover Publ., 1958. 3. H.S.M. Coxeter, S.L. Greitzer, Geometry revisited, MAA, 1967. 4. R.A. Johnson, Advanced Euclidean geometry, Dover Publ., 2007. 5. D.A. Brannan, M.F. Esplen, J.J. Gray, Geometry, Cambridge Univ. Press, 2007.	

Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 222					
A	B	C	D	E	FX
19.37	18.02	28.38	13.51	16.67	4.05
Provides: RNDr. Igor Fabrici, Dr. rer. nat.					
Date of last modification: 29.02.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ GEO2d/22	Course name: Geometry IV
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 3 / 2 Per study period: 42 / 28 Course method: present	
Number of ECTS credits: 5	
Recommended semester/trimester of the course: 1.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: In the covered areas of geometry, the ability to formulate definitions and statements, to present proofs of statements, to explain individual steps in proofs and to solve selected problems related to given topics is required. During the semester (continuous assessment) two tests take place, from which 50% of points can be obtained, and from the oral exam alike 50% can be obtained. Evaluation: A ... at least 90%, B ... at least 80%, C ... at least 70%, D ... at least 60%, E ... at least 50%, FX ... less than 50%	
Learning outcomes: Acquired knowledge of the properties of affine, isometric and similarity transformations, understanding of important statements and methods, knowledge of the use of isometric and similarity transformations in construction and optimization problems and the ability to solve other problems in this area.	
Brief outline of the course: - (week 1-2) Quadric surfaces (circular and general quadric surfaces) - (week 3-7) Affine transformations (associated transformation, matrix representation, affinities, fixed points and lines, pseudo-reflections) - (week 8-10) Isometric transformations (matrix representation, isometries, classification in the plane, composition of reflections) - (week 11-12) Similarity transformations (matrix representation, similarities, homothety, composition of homotheties) - (week 13-14) Geometry of circles (the power of a point with respect to a circle, radical axis of two circles, pencils of circles)	
Recommended literature: 1. M. Sekanina et al, Geometry 2, SPN, 1988 (in slovak). 2. O. Šedivý et al, Geometry 2, SPN, 1987 (in slovak). 3. H.S.M. Coxeter, Introduction to geometry, Wiley, 1989. 4. J.T. Smith, Methods of geometry, Wiley, 2000.	
Course language: Slovak	

Notes:					
Course assessment					
Total number of assessed students: 196					
A	B	C	D	E	FX
15.31	15.82	24.49	19.39	18.37	6.63
Provides: RNDr. Igor Fabrici, Dr. rer. nat., RNDr. Daniela Šabaková					
Date of last modification: 14.04.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/PsZ/15	Course name: Health Psychology
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: 4.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Active participation in seminars, preparation and presentation of seminar work, final evaluation	
Learning outcomes: The aim of the course is to provide students with the latest knowledge and background of Health Psychology as well as forms of its application in order to improve the mental and physical health of individuals and society. The graduate of the course will understand the principles of health psychology, will be familiar with the current social discourse on the topics covered. The student will learn to use the acquired knowledge in school practice.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Health psychology. Definition of health. Bio-psycho-social model of health. 2. Mental health and quality of life, well being. 3. Physiological aspects of mental health, lifestyle 4. Stress. Coping, resilience. 5. Psychosomatic diseases, placebo. 6. Social support and its importance for health. 7. Burnout syndrome. 8. The meaning of life, faith. 9. Health-related behavior and prevention. Risky behavior, excessive use of the Internet and screens. 10. Socio-economic inequalities in health. Unemployment and health. 	
Recommended literature: Křivohlavý, J.: Psychologie zdraví. Praha: Portál, 2001 Kebza, V.: Psychosociální determinanty zdraví. Praha: Academia, 2005 Křivohlavý, J.: Psychologie nemoci. Praha : Grada, 2002 Sarafino, E.P.: Health Psychology: Biopsychosocial Interactions, John Wiley & Sons, 2007 Taylor, E.: Health Psychology. Singapore: McGraw-Hill, 2006 Vollrath M.E.: Handbook of Personality and Health. Chichester: John Wiley & Sons, 2006	
Course language:	
Notes:	

Course assessment					
Total number of assessed students: 122					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: doc. Mgr. Gabriel Baník, PhD.					
Date of last modification: 22.06.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/IZ/09	Course name: Integration of Disabled and Socially Disadvantaged Students
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: 1., 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature: VÁGNEROVÁ, M. 2005. Školní poradenská psychologie pro pedagogy. Praha. Karolinum. VÁGNEROVÁ, M. 2004. Psychopatologie pro pomáhající profese. Praha: Portál. MERTIN, V. 1995. Individuální vzdělávací program pro zdravotně postižené žáky. Praha : Portál. MATĚJČEK, Z., VÁGNEROVÁ a kol. 2006. Sociální aspekty dyslexie. Praha. Karolinum. Pedagogicko-organizačné pokyny na školský rok 2017/2018 (s. 28-35). Dostupné na: minedu.sk Metodický pokyn č. 7/2009_R z 28. apríla 2009 na hodnotenie žiakov základnej školy. http://www.statpedu.sk/sk/deti-ziaci-so-svvp/deti-ziaci-so-zdravotnym-znevychodnenim-vseobecnym-intelektovym-nadanim/ http://www.minedu.sk/specialne-a-inkluzivne-vzdelavanie/ http://www.minedu.sk/vychovne-psychologicke-a-specialnopedagogicke-poradenstvo/ Zákon č. 245/2008 Z. z. o výchove a vzdelávaní (školský zákon). DANIELSOVÁ, E. R., STAFFORDOVÁ, K. 2006. Vytváranie integrovaných tried. Program Krok za krokom pre deti a rodiny. Žiar nad Hronom: Aprint s. r. o. 177 s. ISBN 80-968292-9-7. ČECHOVÁ, D. 2006. Integrácia žiakov v podmienkach základných a špeciálnych škôl. Prešov: Rokus. 109 s. LECHTA, V. (ed.). 2010. Základy inkluzívnej pedagogiky : dieťa s postihnutím, narušením a ohrozením vo škole. Praha: Portál. 435 s. ISBN 97- 8807-3676-797. REPKOVÁ, K. 1998. Občania so zdravotným postihnutím v procese spoločenskej integrácie. 1. vyd. Bratislava: Epos. 192 s. ISBN 80- 8057-005-1.	
Course language:	
Notes:	

Course assessment					
Total number of assessed students: 147					
A	B	C	D	E	FX
70.75	17.69	8.84	1.36	1.36	0.0
Provides: PhDr. Anna Janovská, PhD.					
Date of last modification: 24.06.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/UPN/17	Course name: Introduction into Psychology of Religion
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: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: The assessment is based on the interim evaluation. The subject will be taught in both present and distance format. Up-to-date information concerning the subject for the given academic year can be found on the electronic board of the subject in the Academic information system of the UPJŠ.	
Learning outcomes: The student will acquire a basic overview of the origin and current state of knowledge in the field of research and application the psychology of religion. He/she will be able to described, explaine, and evaluate this knowlege. The student will be able to apply the acquired knowledge in the basic orientation in the field, and develop critical thinking and will be able to apply and integrate already acquired knowledge from other (psychological) distributions	
Brief outline of the course: <ol style="list-style-type: none"> 1. History of psychology of religion in national and world context 2. Psychological perspective on religion and religious experience 3. Psychology of religion in an interdisciplinary context 4. Basic approaches to psychological interpretation and selected views 5. Different types of religious experience 6. Psychological view of religion from a biodromal perspective 7. Spirituality versus religiosity in a postmodern society 8. Coping in the context of religiosity 9. Psychotherapy and religion, pastoral psychology 	
Recommended literature: Eliade, M. (1994). Posvátné a profánní. Praha: Česká křesťanská akademie. Eliade, M. (1995). Dějiny náboženského myšlení 1. Praha: Oikoymenh. Freud, S. (1999). Nutkavá jednání a náboženské úkony. In Freud, S., Spisy z let 1906–1909. Praha: Psychoanalytické nakladatelství. Fromm, E. (2003). Psychoanalýza a náboženství. Praha: Aurora Erikson, E. (1996). Mladý muž Luther: studie psychoanalytická a historická. Praha: Psychoanalytické nakladatelství. James, W. (1930). Druhy náboženské zkušenosti. Praha: Melantrich. Jung, C. G. (1993). Analytická psychologie: Její teorie a praxe. Praha: Academia.	

Křivohlavý, J. (2000). Pastorační péče. Praha: Oliva Pargament, K. (1997), Psychology of religion and coping, Říčan, P. (2007). Psychologie náboženství a spirituality. Praha: Portál. Říčan P. (2002), Psychologie náboženství, Portál, Praha, Stríženec, M. (2001) Súčasná psychológia náboženstva					
Course language:					
Notes:					
Course assessment Total number of assessed students: 77					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Jozef Benka, PhD.					
Date of last modification: 24.06.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/ZMPPV/15	Course name: Introduction to Research Methodology in Education and Psychology
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: 4	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites: KPPaPZ/PPgU/15 and KPE/PDU/15	
Conditions for course completion: - active participation in seminars, presentation of assignments in groups, final exam	
Learning outcomes: The graduate of the course will gain information about the research methodology, will understand the basic methods of pedagogical and psychological research that can be used in the practice of the teacher. Within the seminars, students will develop professional skills through their own demonstration of a specific research method. The graduate of the course will be able to carry out simple scientific research, present the results of research and read the results of the latest research in the field of pedagogy and psychology.	
Brief outline of the course: Research in pedagogy and psychology. Scientific research, scientific thinking. Parts of a research project. Research planning. Topic selection, research problem formulation. Types of research plans. Hypothesis, variables, operationalization. Ethical issues of scientific research. Experiment (experiment problems, control of variables in the experiment). Experimental plans, quasi-experiment. Reliability and validity of research. Research sample, methods of sample selection. Data collection techniques - questionnaire, interview, sociometry, semantic differential, observation, tests. Introduction to qualitative methodology. Possibilities of quantitative data processing. How to write a scientific article, presentation, poster, qualification work. Interpretation of findings, integration of findings into context.	
Recommended literature: Bačíková, M., Janovská, A., Orosová, O. Základy metodológie pedagogicko-psychologického výskumu. 2.doplnené vydanie. Šafárik Press, 2019. dostupné online: https://unibook.upjs.sk/img/cms/2019/FF/zaklady-metodologie-ped-psych-vyskumu-2-vyd-web.pdf Gavora, P.: Úvod do pedagogického výskumu. Bratislava, UK 1999. Švec, Š. a kol.: Metodológia vied o výchove. Bratislava, Iris 1998. Turek, I.: K základom pedagogického výskumu. Prešov, KPÚ 1991. Ferjenčík, J.: Úvod do metodológie psychologického výskumu. Praha, Portál 2000. http://www.e-metodologia.fedu.uniba.sk/	
Course language:	

Notes:					
Course assessment					
Total number of assessed students: 825					
A	B	C	D	E	FX
19.27	28.48	24.61	19.03	8.48	0.12
Provides: doc. Mgr. Mária Bačíková, PhD., PhDr. Anna Janovská, PhD.					
Date of last modification: 24.06.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ LTM2/22		Course name: Logic and set theory			
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: 4					
Recommended semester/trimester of the course: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion: Exam					
Learning outcomes: To obtain a basic knowledge on the mathematical notion of an infinity. Analysis of the notion of a proof.					
Brief outline of the course: Set as a mathematical formularization of an infinity. Properties of the set of reals. Relations and mappings. Finite and countable sets. Cardinality of continuum. Elementary cardinal arithmetics. Sentential calculus, an axiomatization. Completeness Theorem. Methods of proofs. Language of predicate calculus, examples. Axiomatizations of predicate calculus and the notion of a proof. Methods of proofs in predicate calculus.					
Recommended literature: E. Mendelson, Introduction to Mathematical Logic, van Nostrand 1964.					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 280					
A	B	C	D	E	FX
12.86	18.93	18.93	16.43	31.07	1.79
Provides: RNDr. Jaroslav Šupina, PhD., RNDr. Adam Marton, PhD.					
Date of last modification: 18.02.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: ÚMV/ DPU/22		Course name: Magister thesis and its defense			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 14					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites:					
Conditions for course completion: The diploma thesis is the result of the student's own work. It must not show elements of academic fraud and must meet the criteria of good research practice defined in the Rector's Decision no. 21/2021, which lays down the rules for assessing plagiarism at Pavol Jozef Šafárik University in Košice and its components. Fulfillment of the criteria is verified mainly in the process of supervision and in the process of thesis defense. Failure to do so is reason for disciplinary action.					
Learning outcomes: The diploma thesis demonstrates mastery of extended theory and professional terminology of the field of study, acquisition of knowledge, skills and competencies in accordance with the declared profile of the graduate of the study program, as well as the ability to apply them creatively in solving selected field problems. Student demonstrates the ability of independent professional work in terms of content, formal and ethical. Further details on the diploma thesis are determined by Directive no. 1/2011 on the basic requirements of final theses and the Study Regulations of UPJŠ in Košice.					
Brief outline of the course: 1. Elaboration of the diploma thesis in accordance with the instructions of the supervisor. 2. Presentation of the results of the diploma thesis before the examination commission. 3. Answering questions related to the topic of the diploma thesis within the discussion.					
Recommended literature: The recommended literature is determined individually in accordance with the topic of the diploma thesis.					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 14					
A	B	C	D	E	FX
85.71	0.0	0.0	14.29	0.0	0.0

Provides:
Date of last modification: 19.04.2022
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/DPaO/14		Course name: Master's Thesis Defense			
Course type, scope and the method: Course type: Recommended course-load (hours): Per week: Per study period: Course method: present					
Number of ECTS credits: 14					
Recommended semester/trimester of the course:					
Course level: II.					
Prerequisites:					
Conditions for course completion: The bachelor thesis is the result of the student's own work. It must not show elements of academic fraud and must meet the criteria of good research practice defined in the Rector's Decision no. 21/2021, which lays down the rules for assessing plagiarism at Pavol Jozef Šafárik University in Košice and its components. Fulfillment of the criteria is verified mainly in the training process and in the process of the thesis defense. Failure to do so is grounds for disciplinary action.					
Learning outcomes: With the diploma thesis the student demonstrates mastery of extended theory and professional terminology of the field of study, acquisition of knowledge, skills and competences in accordance with the declared profile of the graduate of the study program, as well as the ability to apply them in an original way. The student demonstrates the ability of independent professional work in terms of content, formal and ethical. Further details of the diploma thesis are determined by Directive no. 1/2011 on the basic requirements of final theses and the Study Regulations of UPJŠ in Košice for the 1st, 2nd and joint 1st and 2nd degree.					
Brief outline of the course: Presentation of the diploma thesis, answering the opponent's questions and answering the questions of the members of the examination commission.					
Recommended literature: Katuščák, D. Ako písať záverečné a kvalifikačné práce. Enigma, Nitra, 2004. Meško, D., Katuščák, D. a kol.: Akademická príručka. Martin: Osveta 2005.					
Course language:					
Notes:					
Course assessment Total number of assessed students: 40					
A	B	C	D	E	FX
40.0	17.5	15.0	12.5	15.0	0.0
Provides:					

Date of last modification: 24.06.2022
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/DPS1/15	Course name: Master's Thesis Seminar 1
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: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion: The course completion conditions: regular consultation according to the instructions of the thesis supervisor, continuous study of the literature on the topic of the thesis and consulted and submitted the 1st version of the research plan.	
Learning outcomes: The diploma thesis verifies the mastery of theory and professional terminology, the application of basic standard scientific methods and the level of knowledge, skills and competences that the student has acquired during his/her studies and his/her ability to use them in solving the tasks of his/her field of study. It demonstrates the ability to work independently in terms of content, formality and ethics. The framework scope of the thesis is set at 50-70 standard pages. The details are determined by Directive No.1/2011 on the basic requirements of final theses and the Study Regulations of the University of Applied Sciences in Košice.	
Brief outline of the course: Guiding students to prepare the 1st version of the research work plan (structure of the theoretical part of the thesis, research goal, problems, research sample, design of methodologies, time schedule).	
Recommended literature: Katuščák, D. Ako písať záverečné a kvalifikačné práce. Enigma, Nitra, 2004. Meško, D., Katuščák, D. a kol.: Akademická príručka. Martin: Osveta 2005. Bačíková, M., Janovská, A., Orosová, O. (2019). Základy metodológie pedagogicko-psychologického výskumu. Sprievodca pre študentov učiteľstva. 2. rozšírené vydanie. ŠafárikPress. Ďalšia literatúra súvisiaca s témou diplomovej práce	
Course language:	
Notes:	

Course assessment	
Total number of assessed students: 103	
abs	n
100.0	0.0
Provides:	
Date of last modification: 12.09.2024	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/DPS2/15	Course name: Master's Thesis Seminar 2
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: 2.	
Course level: II.	
Prerequisites: KPPaPZ/DPS1/15	
Conditions for course completion: Course completion conditions: the teaching of the subject will be realized by a combined method. The condition for granting the evaluation is the submitted 2nd version of the research plan (structure of the theoretical part of the dissertation with annotation of the dissertation parts, research goal, problems, hypotheses, research sample, methodologies, time schedule of data collection and research data processing).	
Learning outcomes: The diploma thesis verifies the mastery of theory and professional terminology, the application of basic standard scientific methods and the level of knowledge, skills and competences that the student has acquired during his/her studies and his/her ability to use them in solving the tasks of his/her field of study. It demonstrates the ability to work independently in terms of content, formality and ethics. The framework scope of the thesis is set at 50-70 standard pages. The details are determined by Directive No.1/2011 on the basic requirements of final theses and the Study Regulations of the University of Applied Sciences in Košice.	
Brief outline of the course: Preparation of a research plan with control stages of the final work based on the study of the theoretical-research state of the topic of the final work.	
Recommended literature: Instructions of the Department of Educational Psychology and Health Psychology, Faculty of Arts, UPJŠ for the preparation of final theses Directive no. 1/2011 on the basic requisites of final theses, rigorous theses and habilitation theses, their access during the period of their preservation and control of originality valid for UPJŠ in Košice and its components Other documents for final theses published on: http://www.upjs.sk/pracoviska/university-library/final-works/Katuščák, D. How to write final and qualification theses.Enigma, Nitra, 2004.Meško, D., Katuščák, D. et al.: Academic manual. Martin: Awareness 2005.	
Course language:	
Notes:	

Course assessment	
Total number of assessed students: 102	
abs	n
100.0	0.0
Provides:	
Date of last modification: 12.09.2024	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/DPS3/15	Course name: Master's Thesis Seminar 3
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: 3.	
Course level: II.	
Prerequisites: KPPaPZ/DPS2/15	
Conditions for course completion:	
Learning outcomes: The diploma thesis verifies the mastery of theory and professional terminology, the application of basic standard scientific methods and the level of knowledge, skills and competences that the student has acquired during his/her studies and his/her ability to use them in solving the tasks of his/her field of study. It demonstrates the ability to work independently in terms of content, formality and ethics. The framework scope of the thesis is set at 50-70 standard pages. The details are determined by Directive No.1/2011 on the basic requirements of final theses and the Study Regulations of the University of Applied Sciences in Košice.	
Brief outline of the course:	
Recommended literature: Katuščák, D. Ako písať záverečné a kvalifikačné práce. Enigma, Nitra, 2004. Meško, D., Katuščák, D. a kol.: Akademická príručka. Martin: Osveta 2005. Bačíková, M., Janovská, A., Orosová, O. (2019). Základy metodológie pedagogicko-psychologického výskumu. Sprievodca pre študentov učiteľstva. 2. rozšírené vydanie. ŠafárikPress. Ďalšia literatúra súvisiaca s témou diplomovej práce	
Course language:	
Notes:	
Course assessment Total number of assessed students: 96	
abs	n
100.0	0.0
Provides:	
Date of last modification: 12.09.2024	

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/MZF/22	Course name: Mathematical foundations of financial literacy
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: II.	
Prerequisites:	
Conditions for course completion: Improving knowledge and skills from the use of standard methods in solving mathematical problems in the topics: sequences, infinite series, financial mathematics. Developing the ability to analyze and explain various problem-solving strategies. Conditions for continuous evaluation: 1. Participation in teaching in accordance with the study rules and instructions of the teacher. 2. Active participation in the exercises. 3. Elaboration of two tests. Conditions for successful completion of the course: A grade of A requires at least 90%, a grade of B requires at least 80%, a grade of C requires at least 70%, a grade of D requires at least 60%, and a grade of E requires at least 50%.	
Learning outcomes: The student is able to explain the basic concepts and methods of solving mathematical problems selected from various areas of school mathematics. The student is able to apply the acquired knowledge in finding and using various strategies for solving problems. The student will get acquainted with typical and more demanding tasks from school mathematics and with specific knowledge gaps and misconceptions that occur in their solution in the teaching of mathematics in primary and secondary school. The student will learn to use different models in solving problems in financial mathematics, which will support the development of his/her financial literacy. The student is able to assess whether the student's non-standard solution is correct or not, and can explain his decision.	
Brief outline of the course: Sequences, sequence properties, limit of a sequence, convergence and divergence of sequences. Arithmetic and geometric sequence and their use in solving problems. Infinite series, convergence of infinite series, infinite geometric series. Basic concepts, methods, models in financial mathematics: currency, exchange rate, insurance, taxes, interest, simple and compound interest, regular deposits and withdrawals, loan repayment, mortgages.	
Recommended literature: 1. Kohanová, I., Slavičková, M.: Finančná matematika pre budúcich učiteľov matematiky.	

Knižničné a edičné centrum FMFI UK, 2013. 2. Larson, L.C., Metódy riešenia matematických problémov, Bratislava, Alfa, 1990. 3. Lengyelfalussy, T., Kochol, M., Zábojníková, N.: Metódy riešenia matematických úloh 2. Žilinská univerzita v Žiline, 2009. 4. Učebnice a zbierky úloh z matematiky.					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 136					
A	B	C	D	E	FX
35.29	16.91	23.53	13.97	8.82	1.47
Provides: doc. RNDr. Stanislav Lukáč, PhD.					
Date of last modification: 19.04.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/MRUc/22	Course name: Mathematical problem solving strategies III
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: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Assessment is given on the basis of the results of written examinations carried out during the semester and active participation in exercises. Classification scale: A: 91%-100%, B: 81%-90%, C: 71%-80%, D: 61%-70%, E: 51%-60%, FX: 0%-50%.	
Learning outcomes: Students become familiar with the tasks, methods of problem solving, solving strategies and with specific problems of teaching mathematics at primary and secondary schools. The student will <ol style="list-style-type: none"> 1. familiarise themselves with mathematical culture, ways of thinking, self-expression and putting forward arguments, 2. gain a deeper understanding of the base terminology of real analysis, their properties and interconnections, 3. be able to define and interpret key terms, prove their basic properties and relationships, 4. know how to solve tasks focused on utilising the aforementioned concepts and interpret the obtained results. 	
Brief outline of the course: Basic knowledge of school mathematics, Euclid's algorithm, Diophantine equations, Number systems, Divisibility rules, Congruence classes of integers, Algebraic numbers, Motion problems, Working together word problems, Mixture Word Problems, Optimization word problems.	
Recommended literature: Hecht, T., Sklenáriková, Z., Metódy riešenia matematických úloh, Bratislava, SPN, 1992. Hecht, T. a kol., Matematika pre 1.-4. ročník gymnázií a SOŠ, OrbisPictusIstropolitana, Bratislava 1999-2002. Krantz, S.G., Techniques of Problem Solving, AMS, 1997. Larson, L.C., Metódy riešenia matematických problémov, Bratislava, Alfa, 1990.	
Course language: Slovak	
Notes:	

Course assessment					
Total number of assessed students: 162					
A	B	C	D	E	FX
45.68	28.4	9.88	7.41	8.64	0.0
Provides: prof. RNDr. Jozef Doboš, CSc.					
Date of last modification: 25.04.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ MDM/22	Course name: Mathematics and didactics of mathematics
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: II.	
Prerequisites: ÚMV/DDMc/22	
Conditions for course completion: Appropriate knowledge and competencies from the profile courses of specialisation Teaching mathematics, demonstrating the ability to synthesise the acquired knowledge and procedures and apply them to problems concerning mathematics teaching and learning.	
Learning outcomes: Verification of acquired student competencies in accordance with the graduate profile.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Number sets 2. Sets and statements 3. Number theory 4. Powers, polynomials, fractional expressions 5. Equations and inequalities 6. Planimetry 7. Stereometry 8. Analytical geometry 9. Elementary functions, basic properties 10. Goniometry 11. Sequences and series 12. Combinatorics 13. Probability and statistics Within each topic, the student has to demonstrate: <ul style="list-style-type: none"> • An overview of and understanding of the key mathematical ideas that underpin secondary school mathematics. • An understanding of the important principles that must be considered when teaching a given topic. • The ability to apply knowledge in school mathematics, for example, to know what types of problems the pupil is expected to solve, what are the objectives of teaching, how the ideas about basic concepts from the topic are created, and so on. 	
Recommended literature: Information sources recommended within individual profile courses.	

Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 30					
A	B	C	D	E	FX
40.0	20.0	16.67	13.33	6.67	3.33
Provides:					
Date of last modification: 16.08.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/DPs/09	Course name: Methodology of Teaching Psychology
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: 5	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites: KPPaPZ/PaSPP/09 and KPE/PDU/15	
Conditions for course completion: Course completion conditions: 50% continuous assessment, 50% exam; Ongoing evaluation: preparation of a lesson with micro-output - 15 points - the student applies the acquired knowledge and demonstrates skills and necessary competencies; evaluation of preparation and exit 1 hour of classmate -2.5 points - the student critically assesses; reflection on learning psychology-2.5 points -student designs and applies; seminar paper from lectures -30 points -student demonstrates knowledge, applies the acquired knowledge in practice Exam: written form (50 points), the minimum number of points for admission to the exam is 35 points, of which 20 points from the test - the student applies the acquired knowledge in practice; The final evaluation is the sum of the continuous evaluation and the exam A = 90 - 100 points B = 80 - 89 points C = 70 - 79 points D = 60 - 69 points E = 51 - 59 points FX = 0 - 50 points. Combined method.	
Learning outcomes: Knowledge, skills, competencies: To convey to students the theoretical basis of didactics of psychology, to point out the specifics of teaching psychology, to mediate such teaching methods that increase its effectiveness, independence, responsibility, ability to experiment, construct, create, process, to make available specific methods of teaching psychology in theoretical and practical level based on the connection of knowledge from different areas of psychology. creation of basic skills in their use, to lead students to use creative and non-traditional methods of teaching psychology and to achieve their application in practice at the required level with emphasis on the development of professional skills in the subject necessary for quality application of graduates in practice as a psychology teacher.	
Brief outline of the course: Teaching psychology from the perspective of selected psychological directions and psychotherapeutic approaches (humanistic psychology and psychotherapy - Human-centered approach, existential psychotherapy, gestalt psychotherapy, cognitive-behavioral psychotherapy, deep psychotherapy, symbolic and relaxation psychotherapy, systemic approach, constructive and constructive) use in terms of goals, methods, means, organization of teaching (experiential learning,	

structured games, case methods - situational methods, conflict method, incident, staging methods, two-stool method, case studies, group leadership, projection methods.) Use the principles of approach in teaching. student-oriented with an emphasis on promoting activity, responsibility and independence.					
Recommended literature: Prednášky Poláčková, A. Malá didaktika psychológie. Metodicko-pedagogické centrum, Ševčenkova 11, 850 01 Bratislava, 2021 Sokolová, L.: Didaktika psychológie. Bratislava: UK, 2010. Sokolová, L. Vyučovanie psychológie: UK, 2009. Bratská, M.: Metódy aktívneho sociálneho učenia a ich aplikácia. Bratislava : UK, 1994. Buskist, W., Davis, S.F.: Handbook of the Teaching of Psychology. Blackwell Publishing, 2006. Kyriacou, Ch.: Klíčové dovednosti učitele. Praha : Portál, 1996. Rotling, G.: Metodika tvorby učiteľského didaktického testu. Banská Bystrica : MC, 1996. Miškolciová, L: Vybrané kapitoly z didaktiky psychológie. Banská Bystrica : PF UMB, 2003.					
Course language:					
Notes:					
Course assessment Total number of assessed students: 200					
A	B	C	D	E	FX
52.0	27.0	12.5	7.0	1.5	0.0
Provides: doc. PhDr. Beata Gajdošová, PhD.					
Date of last modification: 05.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚFV/ MDT/19	Course name: Modern Didactical Technology
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: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Summary evaluation based on ongoing assessment: 1. Active participation at the seminars (in the contact or online form) with minimum 80% participation. 2. Practical ongoing assignments (10) and their defense. At least 50% must be obtained from each assignment elaborated according to assessment criteria.	
Learning outcomes: Student graduated from subject will be able: - recognize current available digital tools and their parameters for educational activities, - to use all types of actual digital tools in education of science or humanities, - to design and realize educational activities by using the modern technologies.	
Brief outline of the course: 00. Introduction - goals and didactic principles 01. Modern hybrid classroom in 21st century 02. Digital learning spaces in 21st century 03. Cloud repositories, services, modern web-browser 04. Cloud editors for notes, texts, spreadsheets and presentations 05. Digital text (scan, OCR, voice recognition, Kami pdf) 06. Digital image and audio (digital recording and editing) 07. Interactive E-voting and videoconference systems in education 08. Digital collaborative technologies (social e-reader, collaborative whiteboard) 09. Virtual and digitally based experiments, digital databases 10. Education video (digital recording and editing) 11. Smartphone and tablet in classic and blended education 12. Teaching tools and digital teacher's workspace	
Recommended literature: 1. Kireš, M. et al.: Modern didactical technics in teacher practice (in Slovak), Košice: Elfa, 2010 2. Redecker, C., & Punie, Y. (2017). European Framework for the Digital Competence of Educators: DigCompEdu. Luxembourg: Publications Office of the European Union.	

3. C. R. Tucker, T. Wycoff, J. T. Green, Blended Learning in Action: A Practical Guide Toward Sustainable Change. Thousand Oaks: Corwin Press, 2016.
4. D. Bannister, Guidelines on Exploring and Adapting: LEARNING SPACES IN SCHOOLS. Brussels: European Schoolnet, 2017.
5. current information from web sites related to didactical technologies,
catalogues of teaching tools,
current articles about modern trends in science and humanities education.

Course language:

Slovak, English

Notes:

Course assessment

Total number of assessed students: 121

A	B	C	D	E	FX
56.2	27.27	12.4	2.48	1.65	0.0

Provides: doc. RNDr. Jozef Hanč, PhD.

Date of last modification: 07.07.2022

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/PDK/17		Course name: Pedagogical Communication			
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: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 181					
A	B	C	D	E	FX
75.14	23.2	1.66	0.0	0.0	0.0
Provides: Mgr. Beáta Sakalová, PhD.					
Date of last modification: 14.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ PDD/17		Course name: Pedagogical Diagnostics			
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: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 113					
A	B	C	D	E	FX
85.84	10.62	3.54	0.0	0.0	0.0
Provides: PaedDr. Michal Novocký, PhD., Mgr. Beáta Sakalová, PhD.					
Date of last modification: 12.03.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPE/ PD/22	Course name: Pedagogy
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: II.	
Prerequisites: KPE/PDU/15	
Conditions for course completion: Obtaining the required number of credits in the prescribed composition by the study plan.	
Learning outcomes: The student is able to demonstrate the acquired competencies in accordance with the profile of the graduate.	
Brief outline of the course: <ol style="list-style-type: none"> 1. Pedagogy, basic pedagogical categories, system of pedagogical scientific disciplines. 2. Education, pages and functions of education, educational process, self-education. 3. Factors of education, educated individual, pedagogue, pedagogical profession, professional competencies. 4. School education, family education. 5. Educational goals, taxonomy, requirements, classification of educational goals. 6. Methods of education. 7. Pedagogical principles. 8. School system of the Slovak Republic. 9. Didactics, basic questions of didactics, current starting points of didactics. 10. Objectives of the teaching process, the teacher's work with the objectives of teaching. 11. Content of education, basic curriculum, extension curriculum, elements and components of curriculum. 12. Assessment in school education, types, functions and criteria of assessment. 13. Pedagogical control, methods and forms of pedagogical control. 14. Teacher's work planning, written preparation of the teacher for teaching. 15. Teaching process, stages of the teaching process and their didactic functions. 16. Organizational forms of teaching, lesson, stages, types of lessons. 17. Teaching methods, classification, functions, selection of teaching methods. 18. Didactic principles of the teaching process. 19. Basic pedagogical documents, textbook, functions and structural components of the textbook. 20. Current concepts of the teaching process. 	
Recommended literature: Čapek, R.: Moderní didaktika. Praha: Grada, 2016.	

Dytrtová, R., Krhutová, M. Učitel. Příprava na profesi. Praha: Grada, 2009. Kalhous, Z. – Obst, O. 2002. Školní didaktika. Praha: Portál, 2002. Petlák, E.: Kapitoly zo súčasnej didaktiky. Bratislava: IRIS, 2005. Prucha, J.: Moderní pedagogika. Praha: Portál, 2012. Turek, I.: Didaktika. Bratislava: Wolters Kluwer, 2014. Vališová, A., Kasíková, H.: Pedagogika pro učitele. Praha: Grada, 2010. Zormanová, L.: Obecná didaktika. Praha: Grada, 2014.					
Course language:					
Notes:					
Course assessment Total number of assessed students: 25					
A	B	C	D	E	FX
24.0	44.0	16.0	12.0	4.0	0.0
Provides:					
Date of last modification: 12.03.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPE/PPD/22	Course name: Pedagogy and Psychology
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: II.	
Prerequisites: KPE/PDU/15 and KPPaPZ/PPgU/15	
Conditions for course completion: Obtaining the required number of credits in the prescribed composition by the study plan.	
Learning outcomes: The student is able to demonstrate the acquired competencies in accordance with the profile of the graduate.	
Brief outline of the course: Pedagogy: 1. Pedagogy, basic pedagogical categories, system of pedagogical scientific disciplines. 2. Education, pages and functions of education, educational process, self-education. 3. Factors of education, educated individual, pedagogue, pedagogical profession, professional competencies. 4. School education, family education. 5. Educational goals, taxonomy, requirements, classification of educational goals. 6. Methods of education. 7. Pedagogical principles. 8. School system of the Slovak Republic. 9. Didactics, basic questions of didactics, current starting points of didactics. 10. Objectives of the teaching process, the teacher's work with the objectives of teaching. 11. Content of education, basic curriculum, extension curriculum, elements and components of curriculum. 12. Assessment in school education, types, functions and criteria of assessment. 13. Pedagogical control, methods and forms of pedagogical control. 14. Teacher's work planning, written preparation of the teacher for teaching. 15. Teaching process, stages of the teaching process and their didactic functions. 16. Organizational forms of teaching, lesson, stages, types of lessons. 17. Teaching methods, classification, functions, selection of teaching methods. 18. Didactic principles of the teaching process. 19. Basic pedagogical documents, textbook, functions and structural components of the textbook. 20. Current concepts of the teaching process. Psychology: 1. Psychology as a science, goals and subject of psychology in terms of influential psychological directions. 2. Pedagogical psychology in teacher training, its subject, function. 3. Psychology in school practice: professional forms of control and assistance, psychological examination, counseling process. Crisis intervention. Code of ethics. 4. Psychology in school practice: approaches and models of prevention, prevention spectrum, protective and risk factors of risk behavior of schoolchildren in the context of the theory of triadic influence. 5. Psychology in school practice: effective strategies for prevention of substance use. 6. Psychology of education from the point of view of psychodynamic approach (Psychoanalysis and Individual Psychology). 7. Psychology of education from the point of	

view of humanistic psychology.8. Psychology of education from the point of view of cognitive psychology.9. Psychology of learning and types of learning supplemented by examples from school practice. / success in the context of individual theories of cognitive development.11. Nutritional peculiarities, school non-success / intelligence in terms of intelligence.12. Memory and developmental peculiarities, school non-success 13. Attention and developmental peculiarities, school non / success peculiarities of individual types of family, educational styles.15. Social relations at school, the modes of cognition of interaction U and Ž. Psychosocial climate of school class and school, methods of cognition, sociometry.16. Social influence: presence of others, interpersonal influences and meaningful understanding of social influence in teacher's work.17. Teacher as a professional, his professional ability, teaching style, attitudes towards students, expectations towards students, coping with stress, burnout syndrome.18. Students: gifted and talented, school failure, non-thriving pupils and failing pupils, pupils' self-efficacy.19. Types of research plans and their creation (setting goals, hypotheses, variables, selection of research sample) in the context of pedagogical-psychological research.20. Selected methods of pedagogical-psychological research - questionnaire, interview, observation and possibilities of their use in school practice.

Recommended literature:

Pedagogika:

Čapek, R.: Moderní didaktika. Praha: Grada, 2016.
 Dytrtová, R., Krhutová, M. Učitel. Příprava na profesi. Praha: Grada, 2009.
 Kalhous, Z. – Obst, O. 2002. Školní didaktika. Praha: Portál, 2002.
 Petlák, E.: Kapitoly zo súčasnej didaktiky. Bratislava: IRIS, 2005.
 Prucha, J.: Moderní pedagogika. Praha: Portál, 2012.
 Turek, I.: Didaktika. Bratislava: Wolters Kluwer, 2014.
 Vališová, A., Kasíková, H.: Pedagogika pro učitele. Praha: Grada, 2010.
 Zormanová, L.: Obecná didaktika. Praha: Grada, 2014.

Psychológia:

Mareš, J.: Pedagogická psychologie. Praha : Grada 2013.
 Mareš, J., & ČÁP, J.: Psychologie pro učitele. Praha: Portál, 2001.
 Džuka, J.: Základy pedagogickej psychológie. Prešov: UK 2003.
 Orosová, O. a kol.: Psychológia a pedagogická psychológia 1. Košice: UPJŠ, 2005.
 Orosová, O. a kol.: Základy prevencie užívania drog a problematického používania internetu v školskej praxi. Košice: UPJŠ 2012.
 Bačíková, M., Janovská, A. (2019) . Základy metodológie pedagogicko-psychologického výskumu. Sprievodca pre študentov učiteľstva. 2. rozšírené vydanie. Šafárik press, Košice.
 Gavora, P. a kol. (2010). Elektronická učebnica pedagogického výskumu. Bratislava: Univerzita Komenského, 2010. dostupné online na www.e-metodologia.fedu.uniba.sk.
 Vágnerová, M.: Základy psychológie. Praha : Karolinum 2005.
 Vágnerová, M.: Vývojová psychológie. Praha : Karolinum 2005.
 Vágnerová, M.: Škoní podadenská psychologie pro pedagogy. Praha : Karolinum 2005. Výrost, J., Slaměník, I.: Sociální psychologie. Praha : Grada 2008.
 Výrost, J., Salměník, I.: Aplikovaná sociální psychologie I. Praha: Portál 1998.
 Strana: 2
 Fontana, D. : Psychologie ve školní praxi. Praha: Portál 1997.
 Zelina, M.: Stratégie a metódy rozvoja osobnosti. Bratislava, Iris: 1996.
 Křivohlavý, J.: Pozitivní psychologie. Praha: Portál 2004.
 Křivohlavý, J.: Psychologie zdraví. Praha: Portál 2003.

Course language:

Notes:					
Course assessment					
Total number of assessed students: 157					
A	B	C	D	E	FX
31.85	33.76	24.2	8.92	0.64	0.64
Provides:					
Date of last modification: 12.03.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PASZ/17		Course name: Problem and Aggressive Behaviour of Pupils. Etiology, Prevention and Intervention.			
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: 2.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course: General principles of mental development as a basis for recognizing mental disorders in children and adolescents. Etiology of mental disorders and developmental disorders in children and adolescents. Definition of aggressive behavior. Concepts of aggression vs. aggressiveness. Theoretical approaches to aggression. Causes and factors of aggressive behavior. Violence at school and in the family. Bullying. Psychology of problem students. Problems resulting from disturbed behavior. Problems arising from group relationships. Adolescent lifestyle issues. Problems resulting from impaired emotional experience. Solving problematic and aggressive behavior in the school environment. School classroom management, group preventive and intervention work with the classroom. Crisis intervention. Work with parents of problem students. Principles of interviewing a parent. Cooperation with other experts. Prevention of aggressive and problematic behavior at school. Classroom and school climate, school prevention programs. Viac o tomto zdrojovom texteNa získanie ďalších informácií o preklade sa vyžaduje zdrojový text Odoslať spätnú väzbu Bočné panely					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 125					
A	B	C	D	E	FX
80.0	14.4	5.6	0.0	0.0	0.0
Provides: PhDr. Anna Janovská, PhD.					
Date of last modification: 14.09.2024					

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/KPE/ EPU/15	Course name: Professional Ethics for Teachers and School Counsellors
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: 2., 4.	
Course level: II.	
Prerequisites:	
Conditions for course completion: 1. Active participation in seminars (max. 1 absence) - 30p, 2. Preparation for the seminar - 40p, 3. Preparation (description and analysis) of the moral dilemma - 30p. By summing the points obtained during the semester, the student obtains the final evaluation according to the scale: A 87 - 100, B 77 - 86, C 69 - 76, D 61 - 68, E 56 - 60, FX 55 and less. Detailed information in the electronic board of the course in AIS2. The teaching of the subject will be realized by a combined method.	
Learning outcomes: The student will understand the principles of teacher ethics and the ethics of the educational counselor as one of the branch types of professional ethics. The student can theoretically reflect on the ethical and moral issues of the teaching profession and the function of the educational counselor (including the formulation of moral values, principles and standards of the teaching profession and the function of the educational counselor in the form of codes of ethics). He is able to analyze and solve practical moral problems in pedagogical practice, which supports the development of professional skills of students. The student is able to critically evaluate situations with a moral context thanks to the opportunity to discuss moral and ethical issues in an open way.	
Brief outline of the course: Moral emotions (theories of emotion, the center of emotions in the brain, types of emotions and their manifestations) Development of moral reasoning, cognitive approaches to moral reasoning and their comparison (Piaget, Kohlberg, Gilligan, Eisenberg, Selman, Lind), Moral behavior (from the point of view of learning theories) and moral (vs. social and emotional) intelligence in the work of a teacher Possibilities of examining moral behavior and judgment (socio-psychological research of conformity, obedience, aggression and psychodiagnostic approaches to the determination of moral judgment) Morality and professional ethics in general (ethical principles in helping professions) and codes of ethics Professional ethics of the teacher and educational counselor (terminology, concepts, main principles of teacher ethics) and teacher ethics codes	

Moral dilemmas and ways of solving them, MD of teaching practice
Possibilities of influencing and stimulating moral judgment, use of moral dilemma in education
Cheating and other unethical manifestations in the school environment, ethics and etiquette of final exams

Recommended literature:

Ráčzová, Babinčák, P. Základy psychológie morálky. Košice : Equilibria, 2009. - 130 s. ISBN 9788070977866 (brož.).
Gluchmanová, M. K niektorým terminologickým otázkam učiteľskej etiky. Pedagogická orientace 2007, č. 2, s. 11–25. ISSN 1211-4669.
Malankievičová, S. Profesijsná etika: FF PU. 2008.
Miežgová J., Vargová, D. Etika. SPN Mladé letá 2007.
Remišová A. Dejiny etického myslenia v Európe a USA. Bratislava, Kalligram 2008.
Zelina, M. Teória výchovy alebo hľadanie dobra. Bratislava SPN 2010.
Gluchmanová, M. Uplatnenie princípov a hodnôt etiky sociálnych dôsledkov v učiteľskej etike. Prešov: FF PU, 2009. 222 s. ISBN 978-80-555-0042-3
Campbell, E. The Ethical Teacher. Berkshire (England): Open University Press, 2003. 178 s. ISBN 03-3521-219-0.

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 550

A	B	C	D	E	FX
97.27	2.36	0.36	0.0	0.0	0.0

Provides: doc. Mgr. Gabriel Baník, PhD.

Date of last modification: 24.06.2022

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/PSYDP/22		Course name: Psychology and Methodology of Teaching Psychology			
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: II.					
Prerequisites: KPPaPZ/PaSPP/09 and KPPaPZ/DPs/09					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 25					
A	B	C	D	E	FX
48.0	32.0	8.0	12.0	0.0	0.0
Provides:					
Date of last modification: 24.06.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ PTVO/08	Course name: Psychology of Creativity
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: 6	
Recommended semester/trimester of the course: 4.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Test, essay in middle of term, creativity developmental programme (50 points) Written final test (50 points) Final exam: written test Final evaluation (sum of all points): For A is needed minimum 91 points, for B minimum 81 points, for C minimum 71 points, for D minimum 61 points, for E minimum 51 points, for FX = 50 and less The information will be yearly specified on the electronic noticeboard (even a black board can be) of the course in AiS2, alternatively in LMS UPJŠ or MS Teams environment.	
Learning outcomes: The aim of the course is to give students an explanation of the basics of knowledge of the psychology of creativity with an emphasis on cognition, development of creative abilities and development of creative personality. After completing the course, the student is able to use knowledge of the nature of the process of creativity, creative personality, creative abilities, the possibilities of assessing creativity at the level of understanding, analysis and synthesis, practical application, as well as their critical evaluation. Can create a specific program for developing creativity based on theoretical knowledge and the needs of the target group. The information will be yearly specified on the electronic noticeboard (even a black board can be) of the course in AiS2, alternatively in LMS UPJŠ or MS Teams environment.	
Brief outline of the course: 1 Subject matter and methods of psychology of creativity. 2 Concept of creativity. 3 Creative abilities and skills. 4 Creative personality. 5 Creativity and intelligence. 6 Creativity and talent. 7 Motivation of creativity. 8 Methods of exploring creativity. 9 Methods for developing creativity. 10 Creativity as a mechanism for personal development. 11 Specifics of developing creativity in selected groups: gifted, socially disadvantaged, minorities. 12 The creation and verification of the effectiveness of programm approaches to developing creativity. The information will be yearly specified on the electronic noticeboard (even a black board can be) of the course in AiS2, alternatively in LMS UPJŠ or MS Teams environment.	
Recommended literature: Runco, M. Creativity: Theories and Themes: Research, Development, and Practice.	

<p>Elsevier Science & Technology, 2007</p> <p>Rože, Līga, and Emīls Kālis. "Is There A Link Between Creativity And School Grades? Research With 9th Grade Students." International Journal Of Psychology: A Biopsychosocial Approach / Tarptautinis Psihologijos Zurnalas: Biopsichosocialinis Požiūris no. 16 (June 2015): 7-22.</p> <p>Runco, Mark A. "Creativity." Annual Review of Psychology 55, no. 1 (February 2004): 657-687.</p> <p>Runco, M. A. (2003). Education for Creative Potential. Scandinavian Journal Of Educational Research, 47(3), 317.</p> <p>Terry Dartnall – Ed.. (2002) Creativity, Cognition, and Knowledge: An Interaction: Westport, CT. Praeger.</p> <p>Anna Craft (2000) Creativity across the Primary Curriculum:Framing and Developing Practice. London.Routledge.</p> <p>Robert J. Sternberg (2003) Wisdom, Intelligence, and Creativity Synthesized. Contributors:. Cambridge, England. Cambridge University Press.</p> <p>R. Keith Sawyer, Vera John-Steiner, Seana Moran, Robert J. Sternberg, David Henry Feldman, Jeanne Nakamura, Mihaly Csikszentmihalyi. (2003). Creativity and Development. New York: Oxford University Press.</p> <p>Patti Drapeau (2014) Sparking Student Creativity: Practical Ways to Promote Innovative Thinking and Problem Solving. Alexandria, VA. ASCD.</p>					
<p>Course language: Slovak language</p>					
<p>Notes:</p>					
<p>Course assessment Total number of assessed students: 16</p>					
A	B	C	D	E	FX
81.25	6.25	6.25	0.0	6.25	0.0
<p>Provides: prof. PhDr. Margita Mesárošová, CSc.</p>					
<p>Date of last modification: 18.09.2023</p>					
<p>Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.</p>					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/PTPN/17	Course name: Psychology of Creativity and Working with Gifted Students in Teacher Practice
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: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: 1. active participation in lessons (max. 2 absences) - 30p, 2. own output at the seminar - 40p, 3. seminar work - 30p. By summing the points obtained during the semester, the student obtains the final evaluation according to the given scale: A 87 - 100, B 77 - 86, C 69 - 76, D 61 - 68, E 56 - 60, FX 55 and less. Detailed information in the electronic board of the course in AIS2. The teaching of the subject will be realized by a combined method.	
Learning outcomes: The student understands the basic factors and process of creativity. The student is able to explain the specifics of working with the gifted. He knows the methods of identifying talent and also can apply methods to support creativity and the development of talent in the implementation of creative creativity in education.	
Brief outline of the course: The concept of creativity. A brief history of the theory of creativity. Social, psychological and biological factors of creativity. Cognitive processes in creativity. Creativity and cognitive style. Development of creativity. Talent and giftedness. Methods of determining creativity and talent. Methods of developing creativity and talent. Creativity and talent development programs. Specifics of working with the gifted children.	
Recommended literature: DOČKAL, V. (2006): Inteligencia a tvorivosť, tvorivé nadanie od intelektovej schopnosti po štruktúru osobnosti. In: KUSÁ, D. a kol. EDS. (2006): Zjavná a skrytá tvorivosť. Bratislava: Slovak Academic Press HRÁBKOVÁ, L. (2009): Nadání a nadaní. Pedagogicko- psychologické přístupy, modely, výzkumy a jejich vztah ke školské praxi. Praha: Grada Publishing DACEY, J.S.- LENNON, K.H. (2000): Kreativita. Praha: Grada	

GROSS, M.U.M. (2009): Highly Gifted Young People: Development from Childhood to Adulthood. In: SHAVININA, L. (2009): International Handbook on Giftedness. Part one. Springer

KUSÁ, D. a kol. EDS. (2006): Zjavná a skrytá tvorivosť. Bratislava: Slovak Academic Press

KOLKOVÁ, S. (2000): Tvorivosť a jej rozvoj vo voľnočasových aktivitách detí (v školskom klube). Bratislava: Metodické centrum v Bratislave

LOKŠOVÁ, I., - LOKŠA, J.: (2003): Tvořivé vyučování. Praha: Grada

LAZNIBATOVÁ, J. (2004): Špecifika vývinu a vzdelávania nadaných detí. In: Psychológia a patopsychológia dieťaťa, roč.39, č. 2-3

LAZNIBATOVÁ, J. (2001): Nadané dieťa, jeho vývin, vzdelávanie a podporovanie. Bratislava: Iris

MESÁROŠOVÁ, M. (1998): Nadané deti. Poznávanie a rozvíjanie ich osobnosti. Prešov: Manacon

SZOBIOVÁ, E. (2004): Tvorivosť – Od záhady k poznaniu. Bratislava: Stimul - Centrum informatiky a vzdelávania FIF UK

National and international scientific journals

Course language:

slovak

Notes:

Course assessment

Total number of assessed students: 81

A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0

Provides: Mgr. Lucia Barbierik, PhD.

Date of last modification: 24.06.2022

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ PROZ/09	Course name: Psychology of Decision-Making
Course type, scope and the method: Course type: Lecture / Practice Recommended course-load (hours): Per week: 1 / 2 Per study period: 14 / 28 Course method: present	
Number of ECTS credits: 4	
Recommended semester/trimester of the course: 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Students are evaluated based on class activity during the semester (10 points) and on the project from the selected area of decision-making (30 points). Final exam (60 points) consists of theoretical as well as of practical questions and more than 30 points is needed to pass the exam. Practical questions ask about the application of studied decision-making processes in concrete situations. Points during semester 40. Minimum number of points needed to enter an exam: 21 Written exam – 60 points 31 points necessary Final evaluation A = 91-100, B = 81-90, C = 71-80, D = 61-70, E = 51-60, FX = 50 and less The information will be yearly specified on the electronic noticeboard of the course in AiS2, alternatively in LMS UPJŠ or MS Teams environment.	
Learning outcomes: Knowledge Students will gain a basic understanding of the psychology of decision making. They will become familiar with the main models of decision making and judgment, historical aspects, and factors influencing decision making. Skills Students will be able to apply the knowledge of decision psychology in everyday life and in psychological practice. They will be able to identify the main errors in decision-making and ways of preventing them. Competencies Students will be able to assess the most appropriate way of assessing and making decisions about a particular problem and how to help others in their decision-making. The information is updated annually on the electronic course bulletin board in AiS2, alternatively in the UPJŠ LMS or MS Teams environment Translated with DeepL.com (free version)	
Brief outline of the course: 1. Subject of psychology of decision-making (DM). Basic terms. Approaches in psychology of DM 2. History of DM. Basic models of DM	

3. DM process. Biological correlates of DM 4. Rationality of DM. Critique of rationality 5. Reasoning 6. Hypothesis testing 7. Judgment. Cognitive biases and heuristics. Specific questions of probability judgment 8. Risk perception 9. Group DM 10. Game theory 11. Morality and DM 12. Individual differences in DM The information will be yearly specified on the electronic noticeboard of the course in AiS2, alternatively in LMS UPJŠ or MS Teams environment.					
Recommended literature: Hardman, D. (2009). Judgment and Decision Making: Psychological Perspectives. John Wiley and Sons. Hastie, R., Dawes, R. M. (2010). Rational Choice in an Uncertain World. The Psychology of Judgment and Decision Making. Second edition. Sage.					
Course language: English					
Notes:					
Course assessment Total number of assessed students: 295					
A	B	C	D	E	FX
41.02	31.19	15.93	11.19	0.68	0.0
Provides: doc. Ing. Mgr. Jozef Bavoľár, PhD.					
Date of last modification: 03.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KSSFaK/ ČGUAP/15	Course name: Reading Literacy in Educational Process
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: 2	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 44	
abs	n
100.0	0.0
Provides: doc. PaedDr. Ivica Hajdučková, PhD.	
Date of last modification: 15.09.2023	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ VPPb/15	Course name: Scheduled practice teaching
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites: KPE/MPPa/15 and KPE/PDU/15 and (KPPaPZ/PaSPP/09 or KPPaPZ/PPgU/15)	
Conditions for course completion: Teaching of a specified number of hours and visitations of specified number of classes (1 teaching and 11 visitation of classes). Submission of written assignments (reflection on teaching practice, statement of teaching hours and classes visitations, selected lesson plans).	
Learning outcomes: Application of the knowledge acquired in didactic courses focused on teaching mathematics in pedagogical practice. Development of the student's self-reflection within the framework of the analysis of the lessons taught by the student. Identification of the student's weaknesses in order to shift his/her knowledge. To acquaint students with the atmosphere and the organization of school.	
Brief outline of the course: Visitations of classes in selected lessons Analysis of lessons Lesson plans preparation Classes managed according to prepared lesson plan Reflection on realized classes	
Recommended literature: Mathematics curricula and textbooks for middle and secondary schools Hejný, M.: Teória vyučovania matematiky 2. Bratislava : SPN 1989 M. Hejný, J. Novotná, N. Stehlíková: Dvacet pět kapitol z didaktiky matematiky 2, Univerzita Karlova v Praze - Pedagogická fakulta, Praha, 2004	
Course language: Slovak	
Notes:	

Course assessment	
Total number of assessed students: 120	
abs	n
100.0	0.0
Provides: doc. RNDr. Ingrid Semanišinová, PhD., doc. RNDr. Dušan Šveda, CSc., RNDr. Veronika Hubeňáková, PhD.	
Date of last modification: 24.08.2022	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ SHMa/22	Course name: Seminar on history of mathematics I
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: 2.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Conditions for continuous evaluation: <ol style="list-style-type: none"> 1. Participation in teaching in accordance with the study rules and instructions of the teacher. 2. Activity. 3. Homework and tests. 4. Seminar work and its presentation at the seminar – poster from history of mathematics on the selected topic Conditions for successful completion of the course: <ol style="list-style-type: none"> 1. Participation in teaching in accordance with the study regulations and according to the instructions of the teacher; 2. Credits will be awarded to students who score at least 50% on homework assignments and tests. Additional points can be achieved for the presentation of a seminar paper. 	
Learning outcomes: The student knows the main stages of the development of mathematics, the history of the development of the language of mathematics, the development of selected concepts and some mathematical disciplines. The student understands the parallels between the phylogeny and ontogeny of mathematical thinking.	
Brief outline of the course: Prehistory, ontogeny and phylogeny. Mathematics in ancient cultures: Egypt, Mesopotamia, China, India. Mathematics in ancient Greece: Origins of Greek natural philosophy and mathematics. The discovery of incommensurability and its consequences (Pythagoras and his school). Classical problems of Greek mathematics. Problems with infinity (Zeno). Eudoxus' method. Plato, Aristotle, Euclid and his Foundations. Archimedes of Syracuse, Eratosthenes, Apollónios, Claudios Ptolemy, Diophantos. Arabic mathematics and its relation to medieval European mathematics. The origins of modern mathematics. The search for the roots of polynomial equations. The origins of analytic geometry. Probability. Infinitesimal calculus. Number theory. Non-Euclidean geometry. The origin of set theory. Development of mathematical symbolism.	

Selected topics in school mathematics from the perspective of the history of mathematics.					
Recommended literature: Burton, D. M.: The History of Mathematics: An Introduction. McGraw–Hill, 2007. Devlin, K.: Jazyk matematiky. Dokořán, 2002. (in czech) Čižmár, J . Dejiny matematiky (Od najstarších čias po takmer súčasnosť) Perfekt, 2017. (in slovak) Mareš , M . Příběhy matematiky. Pistorius, 2011. (in czech)					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 169					
A	B	C	D	E	FX
68.64	15.98	6.51	4.14	2.37	2.37
Provides: doc. RNDr. Ingrid Semanišinová, PhD.					
Date of last modification: 24.08.2022					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ SHMb/22	Course name: Seminar on history of mathematics II
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: 3.	
Course level: I., II.	
Prerequisites:	
Conditions for course completion: Conditions for continuous evaluation: 1. Participation in teaching in accordance with the study rules and instructions of the teacher. 2. Activity. 3. Homeworks. 4. Seminar work on the selected topic and its presentation at the seminar Conditions for successful completion of the course: 1. Participation in teaching in accordance with the study regulations and according to the instructions of the teacher; 2. Credits will be awarded to students who score at least 50% on homework assignments and tests. Additional points can be achieved for the presentation of a seminar paper.	
Learning outcomes: Students will demonstrate an understanding of the history of the development of some mathematical disciplines and selected concepts. They will demonstrate this understanding by scoring at least 50% on previous topics and homework assignments.	
Brief outline of the course: 1. Algebra and geometry of 16th and 17th century - Tartaglia, Vieta, Descartes 2. Beginning of modern number theory - Mersenne, Fermat 3. Development of infinitesimals -- Newton, Leibniz, Bernoulli 4. Complex and hypercomplex numbers -- Hamilton, Cayley, Clifford 5. Combinatory and probability - Pascal, Fermat 6. Algebra in the 18th and 19th century - Gauss, Abel, Galois 7. Non-Euclidean geometries - Gauss, Lobachevskij, Bolyai 8. Mathematical analysis in the 19th century - Cauchy, Bolzano, Weierstrass 9. Set theory - Bolzano, Cantor, Zermelo, Franklin 10. Mathematics in the beginning of 20th century - Peano, Hilbert, Gödel	
Recommended literature: Berlinghoff, W.P., Gouvea, F.Q.: Math through the Ages, MAA Press, 2015. Čižmár, J. Dejiny matematiky (Od najstarších čias po takmer súčasnosť) Perfekt, 2017. Hairer, E., Wanner, G.: Analysis by its History, Springer, 2008.	

Mareš , M . Příběhy matematiky. Pistorius, 2011.					
Course language: Slovak					
Notes:					
Course assessment Total number of assessed students: 10					
A	B	C	D	E	FX
40.0	40.0	20.0	0.0	0.0	0.0
Provides: prof. RNDr. Ondrej Hutník, PhD.					
Date of last modification: 21.09.2023					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KSSFaK/VSJU/15	Course name: Slovak Language for Teachers
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: 2	
Recommended semester/trimester of the course: 1., 3.	
Course level: II.	
Prerequisites:	
Conditions for course completion: Conditions for successful completion of the course: a) regular active participation in seminars, b) preparation of basic literature and content of lectures, c) elaboration of seminar work / creative task, d) successful completion of the final test. Conditions for obtaining the final evaluation: a) seminar work / creative task b) final test (min. 56%) Final evaluation: 100,00 - 92,00% A 91,99 - 83,00% B 82,99 - 74,00 % C 73.99 - 65.00% D 64.99 - 56.00% E 55.99% and less FX Prerequisites for successful completion of the course are annually updated on the electronic bulletin board in AIS2.	
Learning outcomes: During the final evaluation, the student demonstrates adequate mastery of the content standard of the course, which is defined by the required literature and seminar content, and demonstrates mastery of the performance standard, within which the student is able to practically apply the standard of standard Slovak in oral and written communications. manuals, gain skill in the bibliographic and citation standard. The graduate of the course normatively masters written communication on the basis of current orthographic rules and knows the basic characteristics of the means of expression of the text and functional language style.	
Brief outline of the course: Characteristics of basic terms of general linguistics (language – speech, language functions, the sign character of language, language levels, content and form in language, individual and general aspect of language units) on interdisciplinary background and with the application to Slovak as a national language. Language standard, codification, usus. Basic codification manuals. Application of orthographic rules in practical documents. Sound culture, pronunciation styles. Orthoepic phenomena in vowels and consonants. Application of rhythmic law and its exceptions. Assimilation and its specific features in Slovak. Style, stylization – methods and demonstration of structure of text components.	
Recommended literature: BÓNOVÁ, I. - JASINSKÁ, L.: Jazyková kultúra nielen pre lingvistov. Košice: UPJŠ 2019. 100 s.	

FINDRA, J.: Štylistika slovenčiny. Martin : Osveta, 2004.
 FINDRA, J.: Štylistika slovenčiny v cvičeniach. Martin : Osveta, 2005.
 KRÁĽ, Á.: Pravidlá slovenskej výslovnosti. Martin: Matica slovenská 2006. 423 s.
 Krátky slovník slovenského jazyka. Martin: Matica slovenská 2020.
 SABOL, J.- SLANČOVÁ, D. - SOKOLOVÁ, M.: Kultúra hovoreného slova. Prešov, FF UPJŠ 1989.
 Pravidlá slovenského pravopisu. Bratislava: Veda 2000 (2013).
 SABOL, J. – BÓNOVÁ, I. – SOKOLOVÁ, M.: Kultúra hovoreného prejavu. Prešov: FF PU 2006.
 SLANČOVÁ, D.: Praktická štylistika. 2., upravené a doplnené vydanie. Prešov: Slovacontact 1996. 178 s. ISBN 80-901417-9-X.
 Slovník súčasného slovenského jazyka. Bratislava: Veda 2006.
 Slovník súčasného slovenského jazyka. Bratislava: Veda 2011.
 Slovník súčasného slovenského jazyka. Bratislava: Veda 2015.

Course language:

Slovak language

Notes:

Course assessment

Total number of assessed students: 151

A	B	C	D	E	FX
13.91	23.18	32.45	14.57	13.91	1.99

Provides: PhDr. Iveta Bónová, PhD., univerzitná docentka, PhDr. Lucia Jasinská, PhD.

Date of last modification: 24.06.2022

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPPaPZ/SM/22		Course name: Statistical Methods II			
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: 3 Per study period: 42 Course method: present					
Number of ECTS credits: 3					
Recommended semester/trimester of the course: 4.					
Course level: II.					
Prerequisites:					
Conditions for course completion: Assessment is based on interim evaluation. The subject will be taught in both present and distance format. Up-to-date information concerning the subject for the given academic year can be found on the electronic board of the subject in the Academic information system of the UPJŠ.					
Learning outcomes: The aim of the subject is to increase the practical capabilities of students in processing statistical data using the SPSS software package. By completing the subject, students will learn and practice basic competences for working with databases. Students will learn how to use the functions of the SPSS application in the context of descriptive and inferential statistics.					
Brief outline of the course:					
Recommended literature: 1. J Pallant : SPSS Survival manual. A step by step guide to data analysis using SPSS for Windows. 1. J Pallant : SPSS Survival manual. A step by step guide to data analysis using SPSS for Windows. 2. FERJENČÍK, J.: Základy štatistických metód v sociálnych vedách. Košice: UPJŠ, 2006 3. FIELD, A.: Discovering Statistics using SPSS, London: Sage, 2005 4. HENDL, J.: Přehled statistických metod zpracování dat. Praha: Portál,2004					
Course language:					
Notes:					
Course assessment Total number of assessed students: 1					
A	B	C	D	E	FX
100.0	0.0	0.0	0.0	0.0	0.0
Provides: Mgr. Jozef Benka, PhD.					
Date of last modification: 24.06.2022					

Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ SVK/10	Course name: Students 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: 4	
Recommended semester/trimester of the course:	
Course level: I., II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes: Individual scientific work of students. Publishing of obtained results in a written form and as a public presentation.	
Brief outline of the course:	
Recommended literature: With respect to the research problematics (article in journals, books).	
Course language: Slovak or English	
Notes:	
Course assessment Total number of assessed students: 24	
abs	n
100.0	0.0
Provides:	
Date of last modification: 01.12.2021	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPE/MPPa/15	Course name: Supervised Teaching Practice
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: II.	
Prerequisites:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 785	
abs	n
100.0	0.0
Provides: doc. PhDr. Beata Gajdošová, PhD., doc. PaedDr. Renáta Orosová, PhD.	
Date of last modification: 14.09.2024	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/MPPb/15	Course name: Supervised Teaching Practice
Course type, scope and the method: Course type: Practice Recommended course-load (hours): Per week: Per study period: 36s Course method: present	
Number of ECTS credits: 1	
Recommended semester/trimester of the course: 2.	
Course level: II.	
Prerequisites: KPE/MPPa/15 and KPE/PDU/15 and (KPPaPZ/PaSPP/09 or KPPaPZ/PPgU/15)	
Conditions for course completion: <ol style="list-style-type: none"> 1. Compulsory participation in the introductory organizational and information seminar. 2. Compulsory participation in observations and analysis classes in training schools. 3. Completion of 11 hours of observations and analysis hours with practicing teachers. 4. Completion of 1 individual output under the guidance of a practicing teacher and an analysis class with a practicing teacher. 5. Submission of documentation on Output continuous practice (Observation records, Written preparation for the lesson, Statement of observations and output of the trainee at the Output Internship, Report on the Output Internship, Evaluation of the pedagogical output of the trainee at the Output Internship). 	
Learning outcomes: The student can: Purposefully perceive, register and interpret professional-didactic and psychodidactic phenomena observed in the subject of psychology. To confront one's own psychodidactic and vocational didactic preconceptions of teaching with the concept of teaching teachers in practice. To motivate for further study of professional disciplines in the subjects of their specialization and for purposeful acquisition and development of professional competencies. Apply didactic skills in teaching the subject of psychology by designing and implementing a lesson project.	
Brief outline of the course: Course contents: Observation, registration and analysis of observed professional-didactic and psychodidactic phenomena of teaching the subject of psychology in training schools. Written evaluation and theoretical generalization of the observed teaching phenomena. Analysis of the course of the output continuous practice from the didactic point of view. Analysis of registered phenomena and their theoretical generalization and comparison of findings with theory. Written preparation of a trainee for a psychology lesson. Independent output of the trainee.	
Recommended literature: Current textbooks of psychology for primary and secondary schools in the Slovak Republic.	
Course language:	
Notes:	

Course assessment	
Total number of assessed students: 188	
abs	n
100.0	0.0
Provides: doc. PhDr. Beata Gajdošová, PhD.	
Date of last modification: 24.06.2022	
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/SSU/15		Course name: Teachers' Support Groups			
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: 2.					
Course level: I., II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 59					
A	B	C	D	E	FX
88.14	10.17	0.0	0.0	0.0	1.69
Provides: doc. PaedDr. Renáta Orosová, PhD., Mgr. Zuzana Vagaská, PhD.					
Date of last modification: 12.03.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice					
Faculty: Faculty of Science					
Course ID: KPE/ PDU/15		Course name: Teaching Methodology and Pedagogy			
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: 5					
Recommended semester/trimester of the course: 1.					
Course level: II.					
Prerequisites:					
Conditions for course completion:					
Learning outcomes:					
Brief outline of the course:					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 856					
A	B	C	D	E	FX
24.77	28.27	26.4	14.37	5.72	0.47
Provides: doc. PaedDr. Renáta Orosová, PhD., Mgr. Zuzana Vagaská, PhD.					
Date of last modification: 18.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Oľga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/UPR/15	Course name: The Art of Aiding by Verbal Exchange
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: 2.	
Course level: II.	
Prerequisites:	
Conditions for course completion: 1. Active participation in seminars 2. Elaboration and presentation of PPT presentation on the assigned topic. Maximum number of points 20; minimum number of points 11. 3. Final test in the range of 20 questions from selected chapters and lectures. Maximum number of points 20; minimum number of points 11. The final evaluation (mark) is the sum of points for the presentation and the test. A 40b - 37b B 36b - 33b C 32b - 29b D 28b - 25b E 24b - 21b FX 20b - 0b The evaluation of the course and its subsequent completion will be based on clearly and objectively set requirements, which will be set in advance and will not change. The aim of the assessment is to ensure an objective and fair mapping of the student's knowledge while adhering to all ethical and moral standards. There is no tolerance for students' fraudulent behavior, whether in the teaching process or in the assessment process.	
Learning outcomes: Provide students with basic information about a systemic approach to helping. Train interviewing, clarify orders. Reflect on help options. The student is able to demonstrate an understanding of the theoretical principles of conducting a helping conversation. The student is able to describe, explain and evaluate in what context to use which of the selected techniques to help the interview with the individual. The student is able to use basic selected techniques when working with an individual in the interview process. The method of teaching the subject will be oriented to the student. Lecturers will be interested in students' needs, expectations and opinions so as to encourage them to think critically by expressing respect and feedback on their opinions and needs. The content of the curriculum will be based on primary and high-quality sources that will reflect the topicality of the topics so as to ensure the connection of the curriculum with other subjects and also the connection of the curriculum with practice. Students will be expected to take an active approach in lectures and seminars with an emphasis on their independence and responsibility.	
Brief outline of the course:	

Psychological preparation for conducting an interview. Self-reflection of one's own possibilities, abilities to lead a conversation, to help. Possibilities of helping with conversations from the point of view of selected psychological approaches. Systematic approach to helping. Interview and professional ways to help and control. Objectivist and constructivist framework of conversation in theory and practice. Is it possible to help with control? Opening the interview, negotiating the course, course, ending the interview. Constructivist questions in the interview. Analysis of individual phases of conducting the interview. Reflex team possibilities of help in conversation. Models of reflective teams. Model situations of conducting an interview with an individual. Model situations of conducting an interview with a group. Professional possibilities, advantages and pitfalls of solving problems with an individual, with a group.					
Recommended literature:					
Course language:					
Notes:					
Course assessment Total number of assessed students: 181					
A	B	C	D	E	FX
90.06	3.31	4.97	1.1	0.55	0.0
Provides: Mgr. Ondrej Kalina, PhD.					
Date of last modification: 12.09.2024					
Approved: prof. PhDr. Margita Mesárošová, CSc., prof. PhDr. Ol'ga Orosová, CSc., prof. RNDr. Jozef Doboš, CSc.					