CONTENT

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: CJP/ PFAJAKA/07	**Course name:** Academic English
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:	
Course level: I.	
Prerequisities:	
Conditions for course completion: Active classroom participation, assignments handed in on time, 2 absences tolerated 1 test (13th week), no retake. Presentation on chosen topic Final evaluation- average assessment of test (50%), and presentation (50%). Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less	
Learning outcomes: The development of students´ language skills - reading, writing, listening, speaking, improvement of their linguistic competence - students acquire knowledge of selected phonological, lexical and syntactic aspects, development of pragmatic competence - students can efectively use the language for a given purpose, with focus on Academic English, level B2.	
Brief outline of the course: Formal and informal English Academic English and its specific features Key academic verbs and nouns Linking words in academic writing, writing a paragraph, word-order, topic sentences Word-formation - affixation abstract Selected aspects of English pronunciation, academic vocabulary Selected functional grammar structures - defining, classifying, epressing opinion, cause-effect, paraphrasing	
Recommended literature: Seal B.: Academic Encounters, CUP, 2002 T. Armer :Cambridge English for Scientists, CUP 2011 M. McCarthy M., O´Dell F. - Academic Vocabulary in Use, CUP 2008 Zemach, D.E, Rumisek, L.A: Academic Writing, Macmillan 2005 Olsen, A. : Active Vocabulary, Pearson, 2013 www.bbclearningenglish.com Cambridge Academic Content Dictionary, CUP, 2009	

Course language:
English language, level B2 according to CEFR.

Notes:

Course assessment
Total number of assessed students: 435

A	B	C	D	E	FX
36.09	22.3	14.94	9.89	5.75	11.03

Provides: Mgr. Viktória Mária Slovenská

Date of last modification: 11.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPE/ ALP/06	**Course name:** Alternative Education
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: I.	
Prerequisities:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment
Total number of assessed students: 362

A	B	C	D	E	FX
67.68	25.14	4.14	0.55	0.28	2.21

Provides: Mgr. Zuzana Vagaská, PhD.
Date of last modification: 12.03.2024
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚBEV/ BZNm/22	**Course name:** Animal Biology
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: I.	
Prerequisities: ÚBEV/CYT1/15 and ÚBEV/FZ1/10 and ÚBEV/PMZ/10 and (ÚBEV/ZOO1/03 or ÚBEV/ZOO1/15) and (ÚBEV/ZO1/03 or ÚBEV/ZO1/15)	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment
Total number of assessed students: 17

A	B	C	D	E	FX
17.65	17.65	35.29	11.76	17.65	0.0

Provides:
Date of last modification: 19.02.2025
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚBEV/ FZ1/10	**Course name:** Animal Physiology

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 3 / 3 **Per study period:** 42 / 42
Course method: present

Number of ECTS credits: 7

Recommended semester/trimester of the course: 6.

Course level: I.

Prerequisities: ÚBEV/HIS1/15 or ÚBEV/HISE1/15

Conditions for course completion:
Active participation on practicals.
Passing the test in recognition of microscopical preparations (min. 50% of correct identification and description)
Passing the final examination of knowledge and practical skills from the content of practicals.
Oral examination.

Learning outcomes:
To provide students with basic knowledge on the physiological processes in animals on different levels of the phylogenesis. Learn the principles of their control, aimed to secure the inner integrity of the animal and to its adaptation to the environment. To point out the unity of the structure (on the molecular, cellular, tissue and organ levels) and of the functions of the body.

Brief outline of the course:
1. Basic physiological principles. Homeostatic mechanisms.
2. Physiology of blood and hemopoetic organs.
3. Physiology of respiration.
4. Thermoregulation.
5. Physiology of cardio-vascular system.
6. Physiology of the gastro-intestinal system.
7. The functions of the liver.
8. Physiology of nutrition and the energetic metabolism. The water and mineral household.
9. General neurophysiology.
10. Sensory and motoric functions of the nervous system. Associative functions of the brain.
11. Physiology of excretion. The work of the muscles.
12. Sensory physiology.
13. Hormonal regulation. Physiology of reproduction.
12. Sensory physiology.

Recommended literature:
Varder, A. J., Sherman, J. H., Luciano, D. S.: The mechanisms of body functions, McGraw-Hill, 1990
Schmidt, R. F., Thews, G.: Human Physiology, Springer-Verlag, 1989

R.W.Hill, R.Wyse, M.Anderson : Animal Physiology, Sinauer Assoc., 2008

Course language:

Notes:

Course assessment
Total number of assessed students: 1629

A	B	C	D	E	FX
8.96	16.7	21.73	23.51	23.27	5.83

Provides: doc. RNDr. Monika Kassayová, CSc., doc. RNDr. Bianka Bojková, PhD., RNDr. Vlasta Demečková, PhD., univerzitná docentka, RNDr. Natália Pipová, PhD.

Date of last modification: 21.10.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/BKP/14	**Course name:** Bachelor Project

Course type, scope and the method:
Course type:
Recommended course-load (hours):
Per week: Per study period:
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 5.

Course level: I.

Prerequisities:

Conditions for course completion:
Submission of the bachelor project, the defense of the project and acceptance of its content by the supervisor.

Learning outcomes:

Brief outline of the course:

Recommended literature:
1. Scientific papers related to the topic of the bachelor project. 2. Directive No. 1/2011 of the rector UPJS in Košice.

Course language:

Notes:

Course assessment
Total number of assessed students: 218

abs	n
100.0	0.0

Provides:

Date of last modification: 02.03.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/BKP2/22	**Course name:** Bachelor Project 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: 4

Recommended semester/trimester of the course: 6.

Course level: I.

Prerequisities:

Conditions for course completion:
Submission of the bachelor project, the defense of the project and acceptance of its content by the supervisor.

Learning outcomes:

Brief outline of the course:

Recommended literature:
1. Scientific papers related to the topic of the bachelor project. 2. Directive No. 1/2011 of the rector UPJS in Košice.

Course language:

Notes:

Course assessment
Total number of assessed students: 34

abs	n
100.0	0.0

Provides:

Date of last modification: 02.03.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ BPO/14	**Course name:** Bachelor Thesis and its Defence

Course type, scope and the method:
Course type:
Recommended course-load (hours):
Per week: Per study period:
Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course:

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 389

A	B	C	D	E	FX
53.21	26.22	15.94	3.08	1.54	0.0

Provides:

Date of last modification: 07.12.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/ BPaOBP/15	**Course name:** Bachelor´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: 4

Recommended semester/trimester of the course:

Course level: I.

Prerequisities: KPPaPZ/PSBc/06

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:
The bachelor's thesis demonstrates mastery of the basics of 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. The bachelor thesis may have elements of compilation. The student demonstrates the ability of independent professional work in terms of content, formal and ethical. Further details on the bachelor 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 results of the bachelor's thesis, answering the opponent's questions and answering the questions of the members of the examination commission.

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 84

A	B	C	D	E	FX
32.14	25.0	20.24	13.1	9.52	0.0

Provides:

Date of last modification: 24.06.2022
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/PSBc/06	**Course name:** Bachelor´s Thesis Seminar

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: 5.

Course level: I.

Prerequisities:

Conditions for course completion:
Course requirements:
1. active participation and completion of assignments
2. submission of the research project of the thesis and the theoretical part of the thesis (in the form and scope as required by the thesis supervisor) within the assigned deadline.
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.
Combined method.

Learning outcomes:
The aim of the course is to provide students with information about the implementation of a research project and the rules of writing the final thesis.

Brief outline of the course:
1. Work procedure in creating a research project2. Compilation of an individual research schedule (research planning) 3. Writing a bachelor's thesis (formal and content page) 4. Presentation of research results (final thesis)

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:
Changes and current information specifying the content and form of teaching are published on the electronic bulletin board of the subject in the AIS system.

Course assessment
Total number of assessed students: 189

abs	n
100.0	0.0

Provides: Mgr. Jozef Benka, PhD., doc. PhDr. Beata Gajdošová, PhD.

Date of last modification: 24.06.2022
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚCHV/ ZAC2/10	**Course name:** Basic Chemistry

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: 1.

Course level: I.

Prerequisities:

Conditions for course completion:
1. Participation in lectures and seminars.
2. Activity at seminars. The student must have mastered the theory of the lecture that will be discussed at the seminar.
3. Exam: test in inorganic chemistry (max. 50 p, min. 26 p) and test in organic chemistry (max. 50 p, min. 26 p).
4. The rating scale is determined as follows: A (100-91%), B (90-81%), C (80-71%), D (70-61%), E (60-51%), Fx (50- 0%).

Learning outcomes:
The main goal of this subject is to provide a basic overview of general, inorganic and organic chemistry for biology students.

Brief outline of the course:
Introduction to general and inorganic chemistry. Periodic systems of elements and periodicity. Atomic structure. Electron configuration, Chemical bonds. Relationship between structure and properties of substances. Transition and non transition elements and their compounds. Coordination and biocoordination compounds. Basic chemical calculations and balancing of chemical equations. Elements essential for living organisms and their function. Biometals. Biominerals. Introduction to organic chemistry. Saturated and unsaturated hydrocarbons and their derivatives. Heterocyclic compounds. Carbohydrates. Lipids. Aminoacids and proteins. Enzyms and vitamins. Nucleic acids.

Recommended literature:
1. Mária Reháková, Základy chémie pre biológov, časť anorganická chémia. Interný učebný text. PF UPJŠ, Košice 2012.
2. P. Segľa, I. Potočňák, V. Jorík, J. Švorc, M. Tatarko, Anorganická chémia: Základy anorganickej chémie, 2020.
3. J. Krätsmár-Šmogrovič kolektív, Všeobecná a anorganická chémia, Osveta, 2007.
4. Hrnčiar P.: Organická chémia, UK Bratislava 1997.

Course language:
SK - slovak

Notes:

The subject is carried out in person or, if necessary, remotely using the online platform Big Blue Button (BBB) or MS Teams. The form of teaching is specified by the teacher at the beginning of the semester and updated continuously.

Course assessment

Total number of assessed students: 1270

A	B	C	D	E	FX
23.78	24.57	26.22	15.43	9.06	0.94

Provides: doc. RNDr. Mária Vilková, PhD., doc. RNDr. Miroslav Almáši, PhD.

Date of last modification: 16.08.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ ZNFYZM/15	**Course name:** Basics of Neurophysiology

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: 3

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities:

Conditions for course completion:
Regular attendance at classes.
Elaboration of assigned tasks.
Successful completion of the oral exam.

Learning outcomes:
Students will learn the principles of nervous system functioning from the level of individual neurons (membrane potential, action potential, synaptic transmission), through simple neural circuits (reflexes, ...) to the description of complex functional parts of the nervous system (brain, spinal cord, peripheral nervous system) .

Brief outline of the course:
1. Neurophysiology as a part of neurosciences
2. Nervous system - basic structures and functions (CNS, PNS).
3. Neuron as a basic functional unit of the nervous system - structure, function, structural and functional classification
4. Glial cells - role and functional classification
5. Electrochemical basis of membrane potential; ion channels, ion currents
6. Origin and propagation of action potential, phases, parameters and types of action potential. Nerve fibers, myelin, rate of propagation of arousal, etc.…
7. Principle of synapse, chemical and electrical synapse, synaptic excitation and inhibition. Synaptic potentials, temporal and spatial summation, excitation threshold.
8. Neurotransmitters and receptors. Receptor classification, mechanism of action.
9. Spinal cord - basic structures and functions. Spinal reflexes. Basic sensory and motor pathways in the spinal cord.
10. Brain - basic parts, their origin and function.
11. Neurophysiology of the senses - sight, hearing, smell, taste and touch.
12. Peripheral nervous system. Autonomic nervous system - sympathetic and parasympathetic.
13. Bioelectrical manifestations of the nervous system. Clinical and experimental research methods.

Recommended literature:
Brain Facts, a primer on the brain and nervous system, published by the Society for Neuroscience, 2018

Mysliveček,J., Myslivečková-Hassmannová,J.: Nervová soustava. Funkce, struktura a poruchy činnosti. Avicenum, Praha, 1989.
Schmidt,R.,F.: Fundamentals of Neurophysiology. Springer Verlag, New York, Berlin, Heidelberg, 1985.
Greenstein,B., Greenstein,A.: Color Atlas of Neuroscience. Thieme. Stuttgart, New York, 2000.

Course language:
Slovak

Notes:

Course assessment
Total number of assessed students: 267

A	B	C	D	E	FX
25.09	25.09	27.72	12.36	8.99	0.75

Provides: RNDr. Ján Gálik, CSc.

Date of last modification: 13.10.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ BDD/05	**Course name:** Biology of Children and Adolescents

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 0 **Per study period:** 28 / 0
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 4., 6.

Course level: I.

Prerequisities:

Conditions for course completion:
Written test

Learning outcomes:
Acquisition of basic morphological and physiological knowledge about individual organs and systems of the human body with a focus on the specifics of childhood and adolescence. Familiarity with developmental and growth characteristics and with the most common diseases in these stages of ontogenesis.

Brief outline of the course:
Human ontogenesis. Postnatal development. Age specific features of skeletal and muscalar, circulatory, respiratory, gastrointestinal and urinary systems. Reproductive system. Endocrine system. Nervous system. Age specifics of selected diseases and drug dependence arise. Human population and environment.

Recommended literature:
Drobný I., Drobná M.: Biológia dieťaťa pre špeciálnych pedagógov I. a II. Bratislava, PdF UK, 2000
Lipková V.: Somatický a fyziologický vývoj dieťaťa. Osveta Bratislava, 1980
Malá H., Klementa J.: Biológia detí a dorastu. Bratislava, SPN, 1989

Course language:

Notes:

Course assessment
Total number of assessed students: 1789

A	B	C	D	E	FX
31.25	24.04	18.28	16.71	9.11	0.61

Provides: doc. RNDr. Monika Kassayová, CSc.

Date of last modification: 20.04.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ BS1/03	**Course name:** Biostatistics

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., 5.

Course level: I.

Prerequisities:

Conditions for course completion:
Active participation on practicals, including successful solving of the assigned numerical examples.
Passing the continual testing.
To absolve the final written test with at least 50% of the maximal score.

Learning outcomes:
To provide the students with knowledge on basic principles of statistic methods used in biology and their scope of application in statistical evaluation of experimental results, and with the principles of the design of experiments, as well.

Brief outline of the course:
1. Sources and theoretical background of biostatistics.
2.Basic principles of the probability theory. Descriptive statistics: variables, measures of mean value and variability of data.
3. Theoretical and empirical distributions. Experimental sampling from the normal distribution.
4. Reliability of estimations. Testing of hypotheses. I.-. and II.-type errors.
5. Statistical sampling. Comparison of two groups.
6. One-way and multiple analysis of variance. Tests for multiple comparisons.
7. Regression analysis.
8. Correlations.
9. Non-parametrical methods.
10. Design and planning of biological experiments.
11. Aanalysis of time series.
12. Analysis of qualitative data.
13. One- and multidimensional methods, use of computer software.

Recommended literature:
Hassard, T. H.: Understanding biostatistics. Mosby Year Book, 1991
Snedecor,G.W., Cochran,W.G.: Statistical methods. The Iowa state university, Ames, 1972.
R.Forthofer, E.S.Lee, M.Hernandez: Biostatistics. A guide to design, analysis and dicovery. Elsevier, Amsterdam, 2007

Course language:

Notes:

Course assessment
Total number of assessed students: 294

A	B	C	D	E	FX
4.42	9.18	19.73	25.17	32.65	8.84

Provides: RNDr. Ivana Ihnatová, PhD.

Date of last modification: 21.10.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/BO1/15	**Course name:** Botany I

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: 3.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 374

A	B	C	D	E	FX
21.66	20.59	23.26	20.32	12.57	1.6

Provides: prof. RNDr. Martin Bačkor, DrSc., doc. RNDr. Michal Goga, PhD., prof. Dr. rer. nat. Marko Sabovljević, Dr. rer. nat., RNDr. Dajana Kecsey, PhD.

Date of last modification: 04.11.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/BO1/03	**Course name:** Botany I

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: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 1949

A	B	C	D	E	FX
14.16	19.86	25.4	20.01	18.11	2.46

Provides: prof. RNDr. Martin Bačkor, DrSc., doc. RNDr. Michal Goga, PhD., prof. Dr. rer. nat. Marko Sabovljević, Dr. rer. nat., RNDr. Dajana Kecsey, PhD.

Date of last modification: 05.11.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/BOT1/15	**Course name:** Botany 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: 4

Recommended semester/trimester of the course: 2.

Course level: I.

Prerequisities: ÚBEV/TCB1/03

Conditions for course completion:
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Learning outcomes:
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Brief outline of the course:
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Recommended literature:
Mártonfi P.: Systematika cievnatých rastlín, 4. vydanie. - Vydavateľstvo UPJŠ, Košice, 2013.
Judd W. S., Campbell Ch. S., Kellogg E. A. & Stevens P. F., Donoghue M. J.: Plant Systematics. A phylogenetic Approach, 4th ed. - Sinauer Associates, Sunderland, 2016.
Simpson M. G.: Plant Systematics. - Elsevier - Academic Press, 2019.
Dostál J., Červenka M.: Veľký kľúč na určovanie rastlín I. a II. - SPN, Bratislava, 1991 a 1992.

Course language:

Notes:

Course assessment
Total number of assessed students: 406

A	B	C	D	E	FX
15.02	18.72	28.33	20.94	11.33	5.67

Provides: prof. RNDr. Pavol Mártonfi, PhD., Mgr. Vladislav Kolarčik, PhD., univerzitný docent

Date of last modification: 29.10.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ BOT1/03	**Course name:** Botany 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: I.

Prerequisities:

Conditions for course completion:
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Learning outcomes:
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Brief outline of the course:
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Recommended literature:
Mártonfi P.: Systematika cievnatých rastlín, 4. vydanie. - Vydavateľstvo UPJŠ, Košice, 2013.
Judd W. S., Campbell Ch. S., Kellogg E. A. & Stevens P. F., Donoghue M. J.: Plant Systematics. A phylogenetic Approach, 4th ed. - Sinauer Associates, Sunderland, 2016.
Simpson M. G.: Plant Systematics. - Elsevier - Academic Press, 2019.
Dostál J., Červenka M.: Veľký kľúč na určovanie rastlín I. a II. - SPN, Bratislava, 1991 a 1992

Course language:

Notes:

Course assessment
Total number of assessed students: 1566

A	B	C	D	E	FX
11.11	12.45	17.18	19.92	24.84	14.5

Provides: prof. RNDr. Pavol Mártonfi, PhD., RNDr. Matej Dudáš, PhD.

Date of last modification: 29.10.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPS/ PDV/07	**Course name:** Child Development Disorders

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: 6.

Course level: I.

Prerequisities: KPS/VP1/05 or KPPaPZ/VPMOS/16

Conditions for course completion:
Ongoing evaluation consists of:
a) four written tests – 32 points
b) own case analysis - 16 points
c) active participation throughout seminars - 12 points
In order to pass ongoing evaluation, student must obtain at least 60 % (36 points).
Final evaluation is written test (40 points). Students must receive at least 60% (24 points).
The evaluation scale:
37 - 40 = A
33 - 36 = B
30 - 32 = C
27 - 29 = D
24 - 26 = E
0 - 30 = FX

Learning outcomes:
The aim of the course is to provide the basics of psychopathology and pathopsychology of child development. The absolvent of the course has theoretical knowledge about childhood developmental disorders, which can be used in practice in the context of knowledge from other subjects. In addition, the absolvent of the course also has an overview of current knowledge based on the latest research and evidence-based methods.
The graduate of this course will acquire the following competencies:
-distinguish mental disorders of children and adolescents,
- perceive the differential-diagnosis specifics of psychopathology in children,
- be familiar with the specifics of mental development in children and adolescents,
- take into account the specifics of the differential diagnosis of psychopathology in children depending on age.
The information will be yearly specified on the electronic noticeboard of the course in AiS2, aleternatively in LMS UPJŠ or MS Teams environment.

Brief outline of the course:
Approaches to Child Psychopathology. Developmental Psychopathology.

Normal Development: What is actually normal? Insecure attachment and related difficulties.
Pathopsychology (Monika)
Attention-Deficit Hyperactivity Disorder (ADHD). Cognitive Impairment.
Autism Spectrum Disorder.
Antisocial Behaviour.
Fear and Anxiety.
Depression.
Eating disorders.
Substance use disorders.
Schizophrenia. Personality disroders.
Child maltreatment. Divorce, separation and loss.
The information will be yearly specified on the electronic noticeboard of the course in AiS2, aleternatively in LMS UPJŠ.

Recommended literature:

Carr, A. (2016): The Handbook of Child and Adolescent Clinical Psychology. A contextual approach. Routledge. ISBN 978-I-138-80600-9.
Pugnerová, M., Kvitová, J. (2016): Přehled poruch psychického vývoje. Grada, ISBN 9788024754529.
ŘÍČAN, Pavel a KREJČÍŘOVÁ, Dana. Dětská klinická psychologie. 4., přeprac. a dopl. vyd. Psyché. Praha: Grada Publishing, 2006. ISBN 80-247-1049-8.
Venta, A., Sharp, C., Fletcher, J.M., Fonagy, P. (2021): Developmental Psychopathology. Hoboken: Wiley, ISBN 9781118686485.

Course language:

Notes:

Course assessment

Total number of assessed students: 831

A	B	C	D	E	FX
18.41	25.99	30.32	16.61	5.17	3.49

Provides: doc. Mgr. Monika Hricová, PhD., Mgr. Viktória Hičárová, PhD.

Date of last modification: 05.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ KOGPS/11	**Course name:** Cognitive Psychology

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: 7

Recommended semester/trimester of the course: 2.

Course level: I.

Prerequisities:

Conditions for course completion:
During the semester, the student is required to complete three tasks:
A) Written examination (max. number of points is 15, the required number of points is 8). The date is by default scheduled after a consultation week.
B) Presentation of a seminar work on a chosen topic (max. number of points is 15, the required number of points is 8).
C) Active participation during the seminar (max. number of points is 10, the required number is 1).
To proceed to the final exam, it is necessary to obtain more than half of the total points that can be gained during the semester (note that a minimum number of points for activities A, B and C should be fulfilled as listed above).
The final exam is in a written form. A student can get a maximum of 60 points. To pass, a student needs to obtain 31 and more points (note that credits will not be awarded to a student who gets less than 31 points from the final exam and whose sum of points obtained during the semester and the final exam is less than 51).
The final mark is created by adding the points that the student gained during the semester and the final exam. At least 90 points must be obtained to obtain an "A" rating, 80-89 points to obtain an "B" rating, 70-79 points to obtain a "C" rating, 60-69 points to obtain a "D" rating and 51 to obtain an "E" rating 51 -59 points.
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:
The main goal of the course is to acquaint students with cognitive psychology, as a scientific discipline that deals with the study of human cognition, and to provide them with the current knowledge related to human cognition. In addition, the course also emphasizes the ability to properly understand this knowledge and apply it. For this purpose, the course provides not only an overview of the main theories of selected cognitive processes and the broader context of the discipline but also practice: practical illustrations and systematic encouragement of critical thinking.
The main goal of seminars is to train the ability to use and adequately present the acquired knowledge, connect this knowledge to other related areas, think about it independently, discuss it critically and, last but not least, to flexiblty and cretively solve various related model activities.

Knowledge: Students will gain an overview of the history and development of cognitive psychology, including major theories and models. They will acquire knowledge about cognitive processes such as perception, attention, memory, learning, thinking, and language. They will be familiar with the main paradigms of thinking about these cognitive processes and the research methods used in cognitive psychology.
Abilities: Students will develop the ability to think about cognitive processes within the framework of selected theoretical models. They will be able to apply cognitive psychology theories to real-life situations and problems. They will gain the skill to design and conduct experiments to investigate cognitive processes. Students can build upon the acquired abilities and further develop them in subsequent courses.
Skills
Students will be able to use the principles of cognitive psychology to solve practical problems. They will understand optimally functioning cognitive processes as well as their natural limits and will be able to effectively communicate concepts and research findings in the field of cognitive psychology. They will be prepared to critically follow current developments and research in cognitive psychology.
The information will be yearly specified on the electronic noticeboard of the course in AiS2, alternatively in LMS UPJŠ or MS Teams environment.

Brief outline of the course:
History of cognitive psychology. Research of cognition in the period of psychology as a scientific discipline. The emergence of cognitive psychology.
Cognition - general characteristics. Structure of cognitive processes. Paradigms in cognitive psychology: S-R scheme, information processing model, evolutionary approach, connectionist approach. Stimuli and mental representations.
Perception - sensory processes. Perception - organization of the perceptual field, object recognition, specific types of perception.
Attention - selection and division of attention. Theories of attention. Automatic and controlled processes and attention.
Memory - models, types of memory, memory processes.
Learning - classical conditioning, operant conditioning and other types of learning.
Mental representations and ideas. Thinking – concepts and operations. Language and thinking. Thinking and speech.
Judgment, decision making, problem solving, creativity. Current research of cognitive processes.
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:
Literature:
Plháková, A. (2023). Učebnice obecné psychologie (4th Edition). Academia.
Sternberg, R., Sternberg S. (2016). Cognitive Psychology (7th Edition). Wadsworth Publishing.
Cognitive Psychology (2020). A Student's Handbook (8th Edition). Psychology Press.
Other recommended literature:
Fredrickson, B., Lutz, C., Loftus C., Nolen-Hoeksema, S. (2020). Psychologie Atkinsonovej a Hilgarda. Cengage.
Körtvélyessy, L., Štekauer, P., & Kačmár, P. (2022). Creativity in Word Formation and Word Interpretation: Creative Potential and Creative Performance (1st vyd.). Cambridge University Press. https://doi.org/10.1017/9781009053556
Example of recommended journal articles:

Bago, B., Kovacs, M., Protzko, J., Nagy, T., Kekecs, ... Kačmár, P., … Aczel, B. (2022). Situational factors shape moral judgements in the trolley dilemma in Eastern, Southern and Western countries in a culturally diverse sample. Nature Human Behaviour, 6(6), Article 6. https://doi.org/10.1038/s41562-022-01319-5

Course language:

Notes:
Lectures and activities are adapted to both, physically present and distance form of education. For further information and current changes in the form of teaching (distance vs. full-time), please see electronic noticeboard.

Course assessment
Total number of assessed students: 1572

A	B	C	D	E	FX
13.68	23.09	26.21	21.69	5.6	9.73

Provides: doc. Ing. Mgr. Jozef Bavoľár, PhD., doc. Mgr. Pavol Kačmár, PhD., Mgr. Ondrej Kalina, PhD.

Date of last modification: 02.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/ECo-C4/14	**Course name:** 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: 4

Recommended semester/trimester of the course: 3., 5.

Course level: I.

Prerequisities:

Conditions for course completion:
1. Active participation in teaching (absence allowed max. 90 min.),
2. Implementation of assignments and presentation of assignments focused on the application of knowledge, skills and competence in the field of communication with a particular focus on teacher communication in the school environment.
Detailed information in the electronic bulletin board of the subject in AIS2.

Learning outcomes:
The student will acquire knowledge and information about the basics of verbal and non-verbal communication, communication errors, assertive and non-violent communication. The content of the subject will be enriched with knowledge, skills and competencies necessary for the work of a teacher.
The student is able to apply the acquired communication skills in practice, is able to apply effective principles and principles of communication with others, is able to anticipate and thus prevent possible misunderstandings, which will contribute to the development of his social and professional skills.
The student will acquire the competencies to communicate effectively in work and personal life, especially in the school environment.

Brief outline of the course:
Basics of communication (Transmitter-receiver principle, "What is said is not equal to what is heard", "Internal dialogue", The concept of communication)
Active listening (The most important criteria for active listening)
Misunderstandings (How Misunderstandings Arise, How to Avoid Misunderstandings)
Body language (What is body language, Active / passive body language, Dress psychology)
Signs of Physical Expression, Disadvantages of Fake Physical Expression, Difference Between Active and Passive Body Expression
Personality development (Voices in us, "child in me" - identification of one's own personality)
Basics of assertive and non-violent communication. Specifics of communication in the school environment.

Recommended literature:
ROSENBERG, M. B. 2023. Nenásilná komunikácia. Aktuell. 234 s.

VÝROST, Jozef - SLAMĚNÍK, Ivan. Sociální psychologie. 2., přepr. a rozš. vyd. Praha : GRADA, 2008. 408 s.
VÝROST, Jozef - SLAMĚNÍK, Ivan. Aplikovaná sociální psychologie I : Člověk a sociální instituce. 1. vyd. Praha : Portál, 1998. 384 s. ISBN 80-7178-269-6.
KOMÁRKOVÁ, Růžena - SLAMĚNÍK, Ivan - VÝROST, Jozef. Aplikovaná sociální psychologie III : Sociálněpsychologický výcvik. 1. vyd. Praha : Grada Publishing, 2001. 224 s.
VÝROST, Jozef - SLAMĚNÍK, Ivan. Aplikovaná sociální psychologie II. 1. vyd. Praha : Grada Publishing, 2001. 260 s.

Course language:
slovak

Notes:
.

Course assessment
Total number of assessed students: 197

abs	n
90.36	9.64

Provides: PhDr. Anna Janovská, PhD., PhDr. Mojmír Trebuňák

Date of last modification: 30.01.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: CJP/ PFAJKKA/07	**Course name:** Communicative Competence in English

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:

Course level: I.

Prerequisities:

Conditions for course completion:
Active participation in class and completed homework assignments. Students are allowed to miss two classes at the most.
2 credit tests (presumably in weeks 6/7 and 12/13) and an oral presentation in English.
Final evaluation consists of the scores obtained for the 2 tests (50%).
Final grade will be calculated as follows: A 93-100 %, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64 % and less.

Learning outcomes:

Brief outline of the course:

Recommended literature:
www.bbclearningenglish.com
Štěpánek, Libor a kol. Academic English-Akademická angličtina. Praha: Grada Publishing, a.s., 2011.
McCarthy M., O'Dell F.: English Vocabulary in Use, Upper-Intermediate. CUP, 1994.
Fictumova J., Ceccarelli J., Long T.: Angličtina, konverzace pro pokročilé. Barrister and Principal, 2008.
Peters S., Gráf T.: Time to practise. Polyglot, 2007.
Jones L.: Communicative Grammar Practice. CUP, 1985.
Additional study materials.

Course language:
English language, B2-C1 level according to CEFR

Notes:

Course assessment
Total number of assessed students: 303

A	B	C	D	E	FX
45.21	21.12	17.49	7.59	5.94	2.64

Provides: Mgr. Barbara Mitríková, Mgr. Viktória Mária Slovenská

Date of last modification: 06.02.2025
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: CJP/ PFAJGA/07	**Course name:** Communicative Grammar in English

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:

Course level: I.

Prerequisities:

Conditions for course completion:
Active classroom participation (maximum 2 absences tolerated), homework assignments completed by given deadlines.
Presentation of a topic related to the study field.
Final Test - end of semester, no retake
Final assessment = average of test and presentation.
Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less

Learning outcomes:
The development of students´ language skills - reading, writing, listening, speaking, improvement of their communicative linguistic competence. Students acquire knowledge of selected phonological, lexical and syntactic aspects, development of pragmatic competence. Students can efectively use the language for a given purpose, with focus on Academic English and English on level B2.

Brief outline of the course:
Selected aspects of English grammar and pronunciation
Word formation
Contrast of tenses in English
The passive voice
Types of Conditionals
Phrasal verbs and English idioms
Words order and collocations, prepositional phrases

Recommended literature:
Vince M.: Macmillan Grammar in Context, Macmillan, 2008
McCarthy, O'Dell: English Vocabulary in Use, CUP, 1994
www.linguahouse.com
esllibrary.com
bbclearningenglish.com
ted.com/talks

Course language:

English language, level B2 according to CEFR.

Notes:

Course assessment
Total number of assessed students: 446

A	B	C	D	E	FX
41.48	19.51	15.7	7.85	5.61	9.87

Provides: Mgr. Viktória Mária Slovenská, Mgr. Lýdia Markovičová, PhD.

Date of last modification: 08.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KGER/ NJKG/07	**Course name:** Communicative Grammar in German Language

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:

Course level: I.

Prerequisities:

Conditions for course completion:
Active participation in class and completed homework assignments. Students are allowed to miss 2 classes at the most (2x90 min.). 2 control tests during the semester. Final grade will be calculated as follows: A 93-100 %, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64 % and less.

Learning outcomes:
The aim of the course is to identify and eliminate the most frequent grammatical errors in oral and written communication, learning language skills of listening comprehension, speaking, reading and writing, increasing students 'language competence (acquisition of selected phonological, lexical and syntactic knowledge), development of students' pragmatic competence (acquisition of the ability to express selected language functions), development of presentation skills, etc.

Brief outline of the course:
The course is aimed at practicing and consolidating knowledge of morphology and syntax of German in order to show the context in grammar as a whole. The course is intended for students who often make grammatical errors in oral as well as written communication. Through the analysis of texts, audio recordings, tests, grammar exercises, monologic and dialogical expressions of students focused on specific grammatical structures, problematic cases are solved individually and in groups. Emphasis is placed on the balanced development of grammatical thinking in the communication process, which ultimately contributes to the development of all four language skills.

Recommended literature:
Dreyer, H. – Schmitt, R.: Lehr- und Übungsbuch der deutschen Grammatik. Hueber Verlag GmbH & Co. Ismaning, 2009.
Krüger, M.: Motive Kursbuch, Lektion 1 – 30. Huebert Verlag GmbH & Co. Ismaning, 2020.
Brill, L.M. – Techmer, M.: Deutsch. Großes Übungsbuch. Wortschatz. Huebert Verlag GmbH & Co. Ismaning, 2011.
Földeak, Hans: Sag's besser!. Grammatik. Arbeitsbuch für Fortgeschrittene. Huebert Verlag GmbH & Co. Ismaning, 2001.
Geiger, S. – Dinsel, S.: Deutsch Übungsbuch Grammatik A2-B2. Huebert Verlag GmbH & Co. Ismaning, 2018.
Dittelová, E. – Zavatčanová, M.: Einführung in das Studium der deutschen Fachsprache. Košice: ES UPJŠ, 2000.

Course language:
German, Slovak language

Notes:

Course assessment
Total number of assessed students: 58

A	B	C	D	E	FX
62.07	10.34	8.62	3.45	8.62	6.9

Provides: Mgr. Ulrika Strömplová, PhD.

Date of last modification: 13.08.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ PMZ/10	**Course name:** Comparative Animal Morphology

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.

Course level: I.

Prerequisities:

Conditions for course completion:
Lectures and practical exercises, original drawing of some parts of animal body or it derivates, examination.

Learning outcomes:
The student will acquire basic knowledge about the principles of building the animal body from the simplest protostomian invertebrates to vertebrates. Despite the huge taxonomic diversity of animals, their bodies can be interpreted by a relatively limited number of building principles that correspond to the systematic position of the examined animal and functional adaptations to the environment and way of life. The subject examines the structure of the body at the level of organs and organ systems, by applying the method of comparison it seeks general principles and also peculiarities. It is also important to get acquainted with the principal terms, which the student will use in the spectrum of other study subjects.

Brief outline of the course:

Recommended literature:
Fretter, V., Graham, A., 1976: A Functional Anatomy of Invertebrates. Academic Press, London, New York, San Francisco, 589 pp.
Kardong, K. V., 2002: Vertebrates. Comparative anatomy, function, evolution. 3rd ed., Mc-Graw-Hill, New York.
Pough, F. H., Janis, Ch. M., Heiser, J. B., 2008: Vertebrate Life. Prentice Hall, Inc., 752 pp. 8th edition.
Ruppert, E. E., Fox, R. S., & Barnes, R. D., 2004: Invertebrate zoology: a functional evolutionary approach. Belmont, CA: Thomas-Brooks/Cole.

Course language:

Notes:
The study of the animal body structure of animals is a very old scientific discipline that has accumulated a vast amount of detailed knowledge. Comparing them is not only a way to put the knowledge into a comprehensive system, but mainly a way to find general anatomical rules that are tied to one of the animal's phylogenetic linneage or have general validity and reveal the degree of phylogenetic relationship of animals or the degree of adaptation to the environment

and a way of life. A brief summary of the phylogeny of the animal body building plan and organ systems using the knowledge of classical and modern comparative morphological approach, supported by knowledge of embryology and molecular data for interpretation of the phenotype are the content of this course.

Course assessment

Total number of assessed students: 2341

A	B	C	D	E	FX
19.22	19.39	25.16	20.29	11.62	4.31

Provides: doc. RNDr. Andrej Mock, PhD., RNDr. Andrea Rendošová, PhD., Mgr. Dalibor Uhrovič, PhD.

Date of last modification: 19.10.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/ECo-C3/14	**Course name:** Conflict 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: 4

Recommended semester/trimester of the course: 3., 5.

Course level: I.

Prerequisities:

Conditions for course completion:
The conditions for passing the course are as follows:
1. Active participation in exercises. Max. the missed range is 90 min.
2. Submission of the reflection on the selected topic within the specified time. Reflection topic: My strengths and weaknesses in conflict management. In a short presentation of their reflection, in the form of deconstruction, students will describe their strengths and weaknesses in the management of conflict situations with a focus on the application of knowledge, skills and competences needed in conflict situations in the work environment and the school environment.
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:
Successful mastery and demonstration of knowledge in the field of conflict management and control of basic rules.
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.
The student is able to demonstrate an understanding of an individual's behavior in various conflict situations. The student is able to describe, explain and evaluate their own internal resources, competencies as well as limitations and weaknesses that are directly related to conflict management. The student is able to apply theoretical knowledge and principles of conflict resolution to everyday situations.
After completing the course, students will be able to: a) express and summarize basic knowledge related to conflict management; b) understand the basic rules and dynamics of the origin, course and termination of the conflict; c) apply knowledge in practice, e.g. in the school environment; d)

apply key competencies that increase the possibilities of their application in all areas of practice with a special focus on the work of a teacher. They will acquire knowledge from the theory of conflict management as well as capabilities and competences for solving them, e.g. in the context of school teams.

Brief outline of the course:
Disputes and their causes (Types of disputes, External influences, Be able to reveal the causes of disputes), Dispute origin (Levels of disputes, Escalation warning signals, Escalation removal strategies, Know how to explain escalation stages; How do I approach a dispute?) Dispute Resolution, Dispute Resolution Strategies, Dispute Discussion, Dispute Settlement Initiatives, Knowing how to handle a dispute and how to effectively resolve it), Dispute Resolution (Options, Public Struggle, Covert Struggle, Indefinite Postponement, Agreement, “Fair play ”, compromise, cooperation, capitulation, escape or separation), Prevention (Structures that produce disputes, The meaning and purpose of disputes, Stages and steps of dispute resolution, What does a positive corporate culture mean? Dispute is an incentive for change)

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 206

abs	n
95.63	4.37

Provides: Mgr. Ondrej Kalina, PhD., Mgr. Veronika Borgoňová, PhD.

Date of last modification: 03.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ CYT1/15	**Course name:** Cytology

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: 6

Recommended semester/trimester of the course: 1.

Course level: I.

Prerequisities:

Conditions for course completion:
Practicals graduation (without absence); Two written tests graduation (min. 70 % fruitfulness of each); Oral examination

Learning outcomes:
To provide the students with knowledge of basic principles of cell microscopic and submicroscopic structure and function.

Brief outline of the course:
Lectures:
1.) Cell theory. Cell. 2.) Organization of living systems. 3.) Biological membranes. 4.) Transfer of substances across membranes. 5.) Cell wall of plant cells. 6.) Surface structures of cells. Extracellular matrix. Cell movement. 7.) Intercellular connections. 8.) Cytoskeleton. 9.) Cell nucleus. 10.) Mitochondria and cellular metabolism. 11.) Plastids and vacuoles. 12.) Ribosomes. Endoplasmic reticulum. Golgi apparatus. Lysosomes. 13.) Differentiation, aging and cell death, pathological changes in cells.
Exercises:
1.) Safety at work in a cytomorphological laboratory. Conditions for successful completion of exercises. 2.) Basics of optics. Origin and construction of the image with a magnifying glass and a microscope. 3.) Microscopic technique. 4.) Shape and size of cells. 5.) Principle of fluorescence and confocal microscopy. 6.) Control test. Vacuole. 7.) Cytoplasm movement. 8.) Nucleus and nucleolus. 9.) Cytoplasmic membrane. 10.) Osmotic processes. 11.) Cell inclusions. 12.) Cell walls of plant cells. 13.) Cell counting. Control test.

Recommended literature:
K.Kapeller, H.Strakele: Cytomorfológia. Osveta Martin, 1999
M.Babák, J.Šamaj: Cytológia. Univerzita Komenského Bratislava, 2002
Alberts B., Bray D., Johnson A., Lewis J.: Základy buněčné biologie. Espero Publishing, 2003
Campbell N. a Reece J.: Biologie. Computer Press, 2006
Kleban J., Mikeš J., Jendželovská Z., Jendželovský R., Fedoročko P.: Cytológia pracovný zošit na praktické cvičenia, 2018

Course language:

Notes:

Course assessment
Total number of assessed students: 1150

A	B	C	D	E	FX
12.26	19.04	28.52	22.52	16.7	0.96

Provides: doc. RNDr. Rastislav Jendželovský, PhD., RNDr. Zuzana Jendželovská, PhD., RNDr. Mgr. Martin Majerník, PhD., RNDr. Viktória Dečmanová, PhD., Mgr. Gabriela Blašková, Mgr. Lucia Hudáková

Date of last modification: 19.02.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/VPMOS/16	**Course name:** Developmental Psychology for Joint Degree Study

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: I.

Prerequisities:

Conditions for course completion:
Active participation in seminars, continuous assessment of activities in seminars, evaluation of seminar work, final exam

Learning outcomes:
Knowledge: The graduate will acquire knowledge of the principles of developmental psychology, the laws of development, and will be able to characterize the norms in each developmental stage. They will be able to orient themselves in the current social discourse surrounding the topics discussed.
Skills: During seminars, the student will solve practical situations. In the course of seminar papers, they will process current findings published in foreign journals.
Competencies: The graduate of the course will be able to interpret the acquired knowledge and apply it in practice.

Brief outline of the course:
Introduction to developmental psychology. Basic concepts, factors and determinants of development, maturation and learning, developmental tasks, history of developmental psychology. Biological and social determinants of development, healthy and unhealthy development. Factors of socialization. Socialization at an early age, theory of attachment, psychological deprivation. Personality development. Theories of personality development. Identity development. Cognitive development. Moral development. Development periodization - basic characteristics of separate development periods from prenatal development to old age.

Recommended literature:
Bačíková a kol. Keď dospievajúci potrebuje nielen psychológa. Grada, 2023
Thorová, K. Vývojová psychologie. Portál, Praha, 2015.
Vágnerová, M. Vývojová psychologie. Portál, Praha 2000
Říčan, P. Cesta životem. Portál, Praha, 2004.
Matějček, Z. - rôzne diela

Course language:

Notes:

Course assessment
Total number of assessed students: 198

A	B	C	D	E	FX
14.14	14.65	31.31	24.24	14.65	1.01

Provides: doc. Mgr. Mária Bačíková, PhD., Mgr. Zuzana Michalove

Date of last modification: 03.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/PDZ/09	**Course name:** Drug Addiction Prevention

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: 3., 5.

Course level: I.

Prerequisities:

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 (20b, 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 board of the course in AIS2. The teaching of the subject will be realized by a combined method.

Learning outcomes:
The student understands the laws 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 learned rules, procedures and competencies of the lecturer in the prevention of drug addiction in terms of working with a group of students.

Brief outline of the course:
Psychological, pedagogical-psychological, medical and legal-forensic aspects of substance abuse 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 abuse
Effective substance prevention strategies based on research data
School substance abuse prevention programs
Preparation and implementation of components of effective programs for the prevention of substance abuse 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 (SS), english (WS)

Notes:
The course is also offered in English (in the summer semester) within the Virtual Academic Mobility Program (VMP) and listed in the databank of the International Consortium of Universities for Drug Demand Reduction (ICUDDR). The course is primarily intended for students of psychology, education and social work.

Course assessment
Total number of assessed students: 277

A	B	C	D	E	FX
50.54	22.38	13.36	9.03	2.89	1.81

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

Date of last modification: 25.07.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/PUDB/15	**Course name:** Drug Addiction Prevention in University 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: 2

Recommended semester/trimester of the course: 3., 5.

Course level: I.

Prerequisities:

Conditions for course completion:
1st of the evaluation: active participation in the training part (30p). 2nd part of the evaluation: active participation in workshops (20p). In total, students can get 50p and the final evaluation is as follows: 50 - 45: A; 44 - 40: B; 39-35: C; 34-30: D; 29 - 25: E 24 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 the 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. Student 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 adequately interpret their experience with preventive activities in the group and assume their positive effect as well as limitations and threats.

Brief outline of the course:

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: 663

A	B	C	D	E	FX
79.34	14.93	3.92	1.36	0.15	0.3

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

Date of last modification: 24.06.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚINF/ EDS/15	**Course name:** Educational software
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: 5.	
Course level: I.	
Prerequisities:	
Conditions for course completion: Conditions for ongoing evaluation: 1. Creation of a worksheet for student. 2. Creation of a multimedia educational game. 3. Creation of an interactive educational quiz. 4. Creation of an instructional educational video. Conditions for the final evaluation: Creation and presentation of final project on the use of educational software in education. Conditions for successful completion of the course: Obtaining at least 50% of points for ongoing and final assignments.	
Learning outcomes: Students will receive, resp. deepen their basic skills in working with: a) presentation software, programs for creating and editing images, animations, diagrams, sounds, conceptual maps, b) programs for the creation of didactic tests, questionnaires, surveys, c) simulation and modeling software, d) selected subject-oriented educational programs, Students present and discuss their idea of the use of educational software and educational Internet resources and tools in the selected school subject.	
Brief outline of the course: 1. Overview of educational software and educational web resources and tools. 2. Creating and processing of materials for teaching aid . 3. Creation and use of electronic and interactive educational documents (worksheets, presentations, textbooks and workbooks). 4. Creation of instructional educational video. 5. Electronic voting and questionnaire creation. 6. Creation of didactic tests and educational games. Gamification elements, tools and environments. 7. Collaborative web applications. 8. Online communication tools. 9. Complex online learning environments.	

10. Online educational platforms, repositories, projects and competitions.
11. Simulations and modelling. Subject-focused educational programmes.
12. Use digital tools to plan, monitor, differentiate and personalise learning. Accessibility of digital tools and learning resources.

Recommended literature:

SOLOMON, Gwen and Lynne SCHRUM, 2014. Web 2.0 How-to for Educators. Second. International Society for Technology in Education, 314 p. ISBN 978-1564843517.
STOBAUGH, Rebecca, 2019. Fifty Strategies to Boost Cognitive Engagement: Creating a Thinking Culture in the Classroom (50 Teaching Strategies to Support Cognitive Development). Solution Tree Press, 176 p. ISBN 978-1947604773.
LEMOV, Doug, 2015. Teach Like a Champion 2. 0: 62 Techniques That Put Students on the Path to College [online]. 2nd edition. John Wiley & Sons, Incorporated, 509 p. [cited 2021-7-10]. ISBN 9781118898628. Available from: https://ebookcentral.proquest.com/lib/upjs-ebooks/detail.action?docID=1895720
European Schoolnet: Transforming education in Europe [online]. [cited 2021-7-10]. Available from: http://www.eun.org/home
Science On Stage Europe [online]. Science on Stage Europe e.V. [cited 2021-7-10]. Available from: https://www.science-on-stage.eu/

Course language:
Slovak and partly English due to selected programs and information sources

Notes:
By default, teaching is carried out face to face. If this is not possible (eg due to a pandemic), teaching is provided at a distance through video conferencing programs and LMS.

Course assessment
Total number of assessed students: 106

A	B	C	D	E	FX
76.42	11.32	7.55	0.0	4.72	0.0

Provides: Ing. Zuzana Tkáčová, Ing.Paed.IGIP.

Date of last modification: 16.03.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: CJP/ PFAJ4/07	**Course name:** English Language of Natural Science

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: I.

Prerequisities:

Conditions for course completion:
Active participation in class and completed homework assignments. Students are allowed to miss 2 classes at the most
Continuous assessment:
1 credit test taken presumably in weeks 6/7
1 project (quiz on the topic of the student´s field of study) 25% of the continuous assessment
5 LMS quizzes (25% of the continuous assessment)
In order to be admitted to the final exam, a student has to score at least 65 % from the continuous assessment
The exam test results represent 50% of the final grade for the course, continuous assessment results represent the other 50% of the final grade.
The final grade for the course will be calculated as follows:
A 93-100, B 86-92, C 79-85, D 72-78, E 65-71, FX 64 and less.

Learning outcomes:
Enhancement of students' language skills (speaking, writing, reading and listening comprehension) in English for specific and academic purposes and development of students' linguistic competence. Students obtain knowledge of selected phonological, lexical and syntactic aspects of professional English, improve their pragmatic competence - students can effectively use the language for a given purpose, and acquire presentation skills at B2 level (CEFR) with focus on terminology of natural sciences.

Brief outline of the course:
1. Introduction to studying language
2. Selected aspects of scientific language
3. Talking about academic study
4. Discussing science
5. Defining scientific terminology and concepts
6. Expressing cause and effect
7. Describing structures
8. Explaining processes
9. Comparing objects, structures and concepts

10. Talking about problem and solution
11. Referencing authors
12. Giving examples
13. Visual aids and numbers
14. Referencing time and place
Presentation topics related to students´study fields.

Recommended literature:
lms.upjs.sk - e-kurz Odborný anglický jazyk pre prírodné vedy.
Redman, S.: English Vocabulary in Use, Pre-intermetdiate, Intermediate. Cambridge University Press, 2003.
Armer, T.: Cambridge English for Scientists. CUP, 2011.
Wharton J.: Academic Encounters. The Natural World. CUP, 2009.
P. Fitzgerald : English for ICT studies. Garnet Publishing, 2011.
https://worldservice/learningenglish, https://spectator.sme.sk
www.isllibrary.com
linguahouse.com

Course language:
English, level B2 (CEFR)

Notes:

Course assessment
Total number of assessed students: 3246

A	B	C	D	E	FX
38.63	26.31	16.3	9.52	7.18	2.06

Provides: Mgr. Viktória Mária Slovenská, Mgr. Lenka Klimčáková

Date of last modification: 06.02.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ ETOP/08	**Course name:** Etology

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: 1., 3., 5.

Course level: I.

Prerequisities:

Conditions for course completion:
Fulfilled conditions for the exercises
Successfully completed oral exam

Learning outcomes:
To teach the students to know and to be aware of the importance of the behavioural aspect in biological sciences

Brief outline of the course:
History and development of ethology. Ethological methods. The innate forms of behaviour. The simplest forms of learning – conditioning and instrumental learning. Higher form of learning. Social behaviour. Sexual behaviour. Play behaviour. Biological rhythms. Orientation in space and animal migrations. Communication systems of animals. Emotions. Aggression in animal and human behaviour. Abnormal forms of behaviour

Recommended literature:
1.J.B.Balcome: Second nature. The inner life of animals. Palgrave.McMillan,2010.
2. T.J.Carew: Behavioral Neurobiology. Sinauer Assoc., Sunderland, 2000.
3. Franck, D.: Verhaltensbiologie. Einfuhrung in die Ethologie. Georg Thieme-Verlag, 1993
4. Manning, A., Dawkins, M. S.: An introduction to animal behaviour. Cambridge University Press, 1992
5. DRICKMER, L.C., VESSEY, S.H., MEIKLE, D. Animal Behavior: mechanisms, ecology, evolution. 4th ed. Dubuque : Wm.C. Brown Publishers, 1996. Internet

Course language:

Notes:

Course assessment
Total number of assessed students: 731

A	B	C	D	E	FX
35.7	26.81	24.9	9.03	3.01	0.55

Provides: RNDr. Igor Majláth, PhD., RNDr. Natália Pipová, PhD.

Date of last modification: 22.09.2023
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/TCZ/03	**Course name:** Fieldwork from zoology

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: Per study period: 5d
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

Conditions for course completion:
The condition for successful completion of the field exercises in zoology is active participation in the specified field trips, submission of a collection of 10 correctly identified species of animals or their resident characters, processing of the assigned task and presentation of the results of the task at the final student conference.

Learning outcomes:
Students will see and practically try different methods of collecting, capturing and observing different groups of animals in nature. They will try identifying animals using identification keys. Students will try processing a small scientific project and presenting the obtained results in front of other course participants.

Brief outline of the course:
Study of fauna directly in the field in different habitats of Slovakia; observation, collection, recording, conservation and determination. Getting to know the representatives of fauna connected with the principles of nature conservation.

Recommended literature:
Any literature (identification keys, animal atlases) for identifying different groups of invertebrates and vertebrates. Electronic applications for identifying animals from photographs and voice recordings.

Course language:

Notes:

Course assessment
Total number of assessed students: 1163

abs	n
99.48	0.52

Provides: RNDr. Peter Ľuptáčik, PhD., doc. RNDr. Andrej Mock, PhD., doc. RNDr. Marcel Uhrin, PhD., univerzitný profesor

Date of last modification: 21.02.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ TCB1/03	**Course name:** Fieldworks from Botany

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: Per study period: 5d
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 2.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:
.

Brief outline of the course:
.

Recommended literature:
.

Course language:

Notes:

Course assessment
Total number of assessed students: 1490

abs	n
99.93	0.07

Provides: prof. RNDr. Pavol Mártonfi, PhD., Mgr. Vladislav Kolarčik, PhD., univerzitný docent

Date of last modification: 15.12.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/VB1/01	**Course name:** General botany

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: 6

Recommended semester/trimester of the course: 2.

Course level: I.

Prerequisities: ÚBEV/CYT1/15

Conditions for course completion:
Two tests during the semester, oral examination

Learning outcomes:
The subject enables to understand the structure and function of plant cells, tissues and organs and to enhance student's ability to describe the biological role of plants for life on earth. Students will acquire skills for simple preparation of native microscopic slides, for working with a light microscope and demonstration of observed plant structures in relation to the lectured theoretical topics.

Brief outline of the course:
The structure and function of plant cells and tissues. Plant organs, their structure, function, shape and organization. Plant reproduction and grounding in embryology. Basic information and terms that are necessary for understanding of relationship between internal structure and functions of organs and functions of plant organism en bloc. 1. Contents of General botany, significant evolutionary adaptations of plants; 2. Plant cell cytology. Basic cell organelles; 3. Plastids, cell wall; 4. Histology, plant tissue systems, meristematic tissues; 5. Dermal and ground tissues; 6. Vascular tissues; 7. Plant organs, root; 8. Stem; 9. Leaf; 10. Flower, Inflorescence; 11. Pollination and fertilisation in plants; 12. Sexual and apomictic reproduction of plants. Seeds and fruits; 13. Alternation of generations and life cycles of bryophytes and vascular plants.

Recommended literature:
Bobák, M. a kol.: Botanika. Anatómia a morfológia rastlín. SPN, Bratislava, 1992;
Vinter V.: Rostliny pod mikroskopem. Základy anatómie cévnatých rostlin. Univerzita Palackého v Olomouci, Olomouc, 2009;
Lux, A. (ed.) Obrazový průvodce anatomií rostlin, Academia, Praha, 2017.

Course language:
Slovak

Notes:

Course assessment
Total number of assessed students: 1277

A	B	C	D	E	FX
16.29	27.02	28.03	16.84	8.46	3.37

Provides: prof. RNDr. Pavol Mártonfi, PhD., Mgr. Vladislav Kolarčik, PhD., univerzitný docent, PaedDr. Andrea Lešková, PhD.

Date of last modification: 29.10.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/GE1/10	**Course name:** Genetics

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 3 / 3 **Per study period:** 42 / 42
Course method: present

Number of ECTS credits: 7

Recommended semester/trimester of the course: 5.

Course level: I.

Prerequisities: ÚBEV/MOB1/15 or ÚBEV/MB1/01

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 1715

A	B	C	D	E	FX
19.18	15.57	15.98	14.34	19.71	15.22

Provides: doc. RNDr. Katarína Bruňáková, PhD., RNDr. Miroslava Bálintová, PhD., RNDr. Linda Petijová, PhD.

Date of last modification: 15.12.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KGER/ NJPS1/06	**Course name:** German Language for Students of Psychology 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: 1., 3.

Course level: I.

Prerequisities:

Conditions for course completion:
1 written test during the semester (test, min. 60 %), seminar work (verification method presentation of the assigned topic of the seminar min. 60 %)

Learning outcomes:
Student develops and consolidates his language competencies, is able to communicate in written and oral form at the level of advanced language knowledge and skills, which it applies in the field of study – psychology. Student presents the results of his seminar work.

Brief outline of the course:
1. Introduction to professional language
2. Communication in private and professional life
3. Written communication (CV, job application, complaint)
4. Macrostructure of written documents
5. Our world on the threshold of the third millennium (environment, scientific progress)
6. School system in our country and in Germany
7. Universities in our country and in Germany. Pavol Jozef Šafárik University in Košice
8. Mass media communication and public opinion. Media diversity. Advertising as a means of manipulation
9. Family and personal happiness
10. Multicultural society
11. Prejudices and stereotypes in Slovak and German culture
12. Department of Psychology. My profession

Recommended literature:
1. DITTELOVÁ, E. - ZAVATČANOVÁ, M.: Einführung in das Studium der deutschen Fachsprache. Košice: ES UPJŠ, 2000
2. KNAACK, W. - KUHN, M. - LAUDEL, H. - WALLRABENSTEIN, W.: Reden, Schreiben, Rechnen. Hamburg: Xenos, 1984
3. KOZMOVÁ, R. - BERGLOVÁ, E. - FORMÁNKOVÁ, E. - MAŠEK, M.: Moderná gramatika nemčiny. Bratislava: Fraus, 2003, 312 s.
4. FAST, J.: Körpersprache. Reinberg bei Hamburg: Rowohlt, 1983

5. ILLICHMANN, A.: Arbeitsbuch Psychologie für höhere Lehranstalten. Wien: Verlag Hölder - Pichler - Tempsky, 2006, 259 S.
6. Psychologie heute. Verlagsgruppe Beltz, Julius Beltz GmbH & Co. KG, Werderstr. 10
7. KRENN, W. - PUCHTA, H.: Motive Kompaktkurs D a F, Hueber 2020.

Course language:
German, Slovak

Notes:

Course assessment
Total number of assessed students: 158

A	B	C	D	E	FX
59.49	28.48	5.7	2.53	1.9	1.9

Provides: Mgr. Ulrika Strömplová, PhD.

Date of last modification: 13.08.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KGER/ NJPS2/06	**Course name:** German Language for Students of Psychology 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: 2., 4.

Course level: I.

Prerequisities:

Conditions for course completion:
1 written test during the semester (test, min. 60 %), seminar work (verification method presentation of the assigned topic of the seminar min. 60 %)

Learning outcomes:
Student develops and consolidates his language competencies, is able to communicate in written and oral form at the level of advanced language knowledge and skills, which he applies in the field of study – psychology. He presents the results of his seminar work.

Brief outline of the course:
1. Introduction to professional language
2. Communication in private and professional life
3. Written communication (CV, job application, complaint)
4. Macrostructure of written documents
5. Our world on the threshold of the third millennium (environment, scientific progress)
6. School system in our country and in Germany
7. Universities in our country and in Germany. Pavol Jozef Šafárik University in Košice
8. Mass media communication and public opinion. Media diversity. Advertising as a means of manipulation
9. Family and personal happiness
10. Multicultural society
11. Prejudices and stereotypes in Slovak and German culture
12. Department of Psychology. My profession

Recommended literature:
1. DITTELOVÁ, E. - ZAVATČANOVÁ, M.: Einführung in das Studium der deutschen Fachsprache. Košice: ES UPJŠ, 2000
2. KNAACK, W. - KUHN, M. - LAUDEL, H. - WALLRABENSTEIN, W.: Reden, Schreiben, Rechnen. Hamburg: Xenos, 1984
3. KOZMOVÁ, R. - BERGLOVÁ, E. - FORMÁNKOVÁ, E. - MAŠEK, M.: Moderná gramatika nemčiny. Bratislava: Fraus, 2003, 312 s.
4. FAST, J.: Körpersprache. Reinberg bei Hamburg: Rowohlt, 1983

5. ILLICHMANN, A.: Arbeitsbuch Psychologie für höhere Lehranstalten. Wien: Verlag Hölder - Pichler - Tempsky, 2006, 259 S.
6. Psychologie heute. Verlagsgruppe Beltz, Julius Beltz GmbH & Co. KG, Werderstr. 10
7. KRENN, W. - PUCHTA, H.: Motive Kompaktkurs D a F, Hueber 2020

Course language:
German, Slovak

Notes:

Course assessment
Total number of assessed students: 157

A	B	C	D	E	FX
58.6	25.48	6.37	3.18	5.1	1.27

Provides: Mgr. Ulrika Strömplová, PhD.

Date of last modification: 13.08.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPE/ POŽ/21	**Course name:** Getting to know the Student in Education

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: I.

Prerequisities:

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
65.49	19.47	7.96	2.65	0.0	4.42

Provides: PaedDr. Michal Novocký, PhD., Mgr. Beáta Sakalová, PhD.

Date of last modification: 12.03.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚBEV/ HISE1/15	**Course name:** Histology
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: 6	
Recommended semester/trimester of the course: 2.	
Course level: I.	
Prerequisities: ÚBEV/CYT1/15	
Conditions for course completion: Oral examination	
Learning outcomes: To provide the students with knowledge of basic morphology of tissues of animals.	
Brief outline of the course: 1. Epithelium and glands. 2. Connective tissue. 3. Cartilage. Bone. 4. Muscle. 5. Nervous Tissue. 6. Blood and hemopoiesis. 7. Circulatory system. Lymphoid system. 8. Endocrine system. 8. Respiratory system. Integument. 9. Digestive system. 10. Urinary system. 11. Female reproductive system. 12. Male reproductive system. 13. Nervous system. Special senses.	
Recommended literature: Gartner, L.P., Hiatt, J.L.: Color Texbook of Histology. W.B. Saunders Company, Philadelphia, 1997 Juanqueira, L.C., Carneiro, J., Kelley, R.O.: Basic Histology. Prentice Hall International Inc., Apleton & Lange, 1992 Michel H. Ross, Wojciech Pawlina: Histology, Lippincott Wiliams & Wilkins, 2011	
Course language:	
Notes:	

Course assessment
Total number of assessed students: 649

A	B	C	D	E	FX
17.26	14.33	14.79	18.18	23.57	11.86

Provides: RNDr. Anna Alexovič Matiašová, PhD., doc. RNDr. Juraj Ševc, PhD.

Date of last modification: 11.01.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KF/ FMOPs/15	**Course name:** History of Philosophy (for Students of Psychology)

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.

Course level: I.

Prerequisities:

Conditions for course completion:
Rating
Conditions of continuous control and awarding of assessment:
Active participation in teaching, the student has assignments during the semester - 2 assignments (Electronic subject bulletin board).
During the semester, students take a knowledge test and a final knowledge test.
If the teaching is carried out in a classical way - face-to-face form of teaching. In the case of the distance form of study, emphasis is placed on independent study and written processing of assignments (seminar work as a project for the entire semester, submission of partial outputs by the specified date. Electronic bulletin board). The condition for registering for the exam is to pass the final written test on the basic problems that are connected with the development of philosophical thinking from Thales to Nietzsche.
Conditions for awarding the exam: only after successfully passing the knowledge test - the final test, the student can take the written exam. After its successful implementation, the student will receive credits for the subject.

Learning outcomes:
Students will gain an understanding of the fundamental issues in the history of philosophy from Thales to Nietzsche. The discipline presents an overview of more specialized philosophical topics and works that influenced the development of disciplines such as psychology and social work. Students will acquire basic terminology from philosophy by studying source texts of periods of the history of philosophy in relation to the discipline of their field of study. The student acquires the ability for a deeper understanding of historical events, where the emphasis is placed on critical thinking with an emphasis on self-knowledge.
The information is updated annually in the subject's electronic message board in AIS2 or in the MS Teams environment.

Brief outline of the course:
Ancient philosophy - origin and development of ancient Greek philosophy • Classical Greek philosophy • Hellenistic philosophy • Medieval philosophy – origin and formation • Renaissance philosophy • Modern philosophy – founders and great systems • Modern empirical-sensualist

philosophy • French Enlightenment philosophy • German classical philosophy • Philosophy 19th century after Hegel

Recommended literature:

Anzenbacher, A.: Introduction to philosophy. Transl. K. Sprunk. Prague: SPN 1990. Hadot, P.: What is ancient philosophy. Transl. M. Křížová. Prague: Vyšehrad 2017. Leško, V.: History of Philosophy I. From Thales to Galileo. Prešov 2007. Leško, V.: History of Philosophy II. From Bacon to Nietzsche. Košice 2008. Patočka, J.: Platón. Prague 1991. Patočka, J.: Aristotelés. Prague 1994. Anthology of the works of philosophers. Pre-Socratics and Plato. Compiled by J. Martinek. Bratislava: Epoch 1970. Pre-Socratics and Plato. An anthology of the works of philosophers. Remainder J. Martinka. Bratislava: Iris 1998. Anthology of the works of philosophers. From Aristotle to Plotinus. Remainder J. Martinka. Bratislava: Pravda 1972. From Aristotle to Plotinus. An anthology of the works of philosophers. Remainder J. Martinka. Bratislava: Iris 2006.

Course language:

Notes:

Course assessment

Total number of assessed students: 2348

A	B	C	D	E	FX
30.92	19.97	18.02	14.05	13.59	3.45

Provides: doc. PhDr. Peter Nezník, CSc.

Date of last modification: 07.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ ACL/03	**Course name:** Human Anatomy

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: I.

Prerequisities:

Conditions for course completion:
1. active participation on Anatomy lectures, max. 3 absences per semester
2. two written exams (20 points each) during semester, results of written exams contribute to the overall ranking
3. elaboration and presentation of the seminar paper (max. 5 points to overall ranking)
4. written exam (test, 55 points max.) during winter exam period; 3 regular exam dates (unlimited number of students) + 1 date for correction (for students, which failed in regular exam dates). Final grade will be calculated based on the total sum of earned points from written exams (20+20), seminar paper (5) and test (55). Grading scale: A (100-91 points), B (90.5-81), C (80.5-71), D (70.5-61), E (60.5-51), FX (50.5 and less)

Learning outcomes:
After successful completion of the lectures, student masters the systemic human anatomy and has an accurate idea about the arrangement of the individual organs in particular organ system, or across various systems. Student understands the function and basic physiology of particular organs in human body in context of both; evolution and processes occurring in cells and tissues. Successful completion of the lectures prepare students for further study of histology, animal physiology, comparative morphology, immunology, etc.

Brief outline of the course:
1. Anatomical terminology
2. The skeletal system
3. The muscular system
4. The respiratory system
5. The gastrointestinal system
6. The urinary system
7. The male reproductive system
8. The female reproductive system
9. The circulatory system
10. The lymphatic system
11. The immune system
12. The nervous system

13. The sensory organs

Recommended literature:
Miklošová M.: Anatómia, vysokoškolská učebnica, UPJŠ, Equilibria, Košice, 2011
Ševc, J., Mochnacký, F.: Anatomické termíny pre jednoodborové a medziodborové štúdium biológie, UPJŠ, e-book (https://unibook.upjs.sk/sk), 2020
Kluchová, D. a kol.: Anatómia trupu a končatín, UPJŠ, Equilibria, Košice, 2015
K. S. Saladin: Anatomy and Physiology: The Unity of Form and Function, Mc Graw-Hill; 3rd edition, 2004
Mráz, P. a kol.: Anatómia ľudského tela 1-3, Slovak Academic Press, 2015-2021

Course language:

Notes:

Course assessment
Total number of assessed students: 2083

A	B	C	D	E	FX
6.48	16.99	26.64	24.53	21.89	3.46

Provides: doc. RNDr. Juraj Ševc, PhD., RNDr. Anna Alexovič Matiašová, PhD.

Date of last modification: 07.09.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPE/ INP/17	**Course name:** Inclusive Pedagogy

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: 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 138

A	B	C	D	E	FX
71.74	21.74	2.9	1.45	2.17	0.0

Provides: PaedDr. Michal Novocký, PhD.

Date of last modification: 14.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPE/ IIŠP/21	**Course name:** Integration and Inclusion in School 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: 3.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 114

A	B	C	D	E	FX
50.0	35.09	8.77	4.39	0.88	0.88

Provides: PaedDr. Michal Novocký, PhD., Mgr. Zuzana Vagaská, PhD.

Date of last modification: 14.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ VEK1/03	**Course name:** Introduction to Ecology

Course type, scope and the method:
Course type: Lecture
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:

Course level: I., II.

Prerequisities:

Conditions for course completion:
oral examination

Learning outcomes:
Fundamental parameters and relations in ecological science. Abiotic, biotic and anthropogenic factors in air, aquatic and terrestrial/soil environment. Autecology, Demecology and Synecology. Ecosystem and Nature Protection.

Brief outline of the course:
Ecological factors and relations in environment (air, water, soil); influence of ecological factors on individuals (morphological adaptations, behavioral reactions); populations and communities; ecosystems (impact assessment); conservation and biodiversity.
1. Basic ecological terms. 2. Characterisation of the basic ecological factors (light, temperature, water). 3. Air environment (composition of atmosphere, physical and chemical factors, air pollutants, organisms and their adaptations in air environment). 4. Aquatic environment (water properties physical and chemical factors, gases in water, water pollutants, eutrophication and saprobity, aquatic organisms). 5. Soil environment (physical and chemical properties, soil profile, humus layer, soil pollutants, soil organisms and their adaptations). 6. Characterization of Populations, structure and ppuatin dynamics. 7.Biocenoses and biotops. 8. Qualitative and quantitative community characteristics. 9. Ecosystems. 10. Biomes and their characteristics, 11. Bidiversity-factors affecting biodiversity, Species-Area relationships. 12. Biodiversity protection.13. Biospheric cycles.

Recommended literature:
Begon, M., Harper, J. L., Townsend, C. L.: Ecology: individuals, populations, and communities. Blackwell Sci. Publ., 1990

Course language:

Notes:

Course assessment
Total number of assessed students: 1871

A	B	C	D	E	FX
21.65	17.42	24.85	17.1	11.65	7.32

Provides: RNDr. Natália Raschmanová, PhD., univerzitná docentka

Date of last modification: 16.03.2023

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: Dek. PF UPJŠ/USPV/13	**Course name:** Introduction to Study of Sciences
Course type, scope and the method: **Course type:** Lecture / Practice **Recommended course-load (hours):** **Per week: Per study period:** 12s / 3d **Course method:** present	
Number of ECTS credits: 2	
Recommended semester/trimester of the course: 1.	
Course level: I.	
Prerequisities:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 2369	

abs	n
90.12	9.88

Provides: doc. RNDr. Marián Kireš, PhD.	
Date of last modification: 30.08.2022	
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor	

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/USMM/19	**Course name:** Introduction to statistical methods for inter-disciplinary study program

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: 2.

Course level: I.

Prerequisities:

Conditions for course completion:
The assessment for this subject is based on a combination of interim evaluation and the final exam. Proportionally the interim evaluation represents 40% and the final exam 60% of the overall assessment. The subject may 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:
Students will acquire basic theoretical knowledge and understanding of descriptive and inductive statistics. They will also gain practical skills in creating databases, performing analyses and presenting data in available statistical program. The emphasis will be put on developing individual ability to work independently and to be able to apply acquired knowledge and skills in their own research.

Brief outline of the course:
Theoretical basics of statistical methods. Defining variables and creating databases. Graphical and numerical representation of data. Correlations between variables. Probability. Statistical significance and its determination. Statistical estimation and verification of hypotheses. Differential statistics.

Recommended literature:
1. FERJENČÍK, J.: Základy štatistických metód v sociálnych vedách. Košice: UPJŠ, 2006
2. FIELD, A.: Discovering Statistics using SPSS, London: Sage, 2005
3. HENDL, J.: Přehled statistických metod zpracování dat. Praha: Portál,2004

Course language:

Notes:

Course assessment
Total number of assessed students: 746

A	B	C	D	E	FX
8.18	15.28	20.24	23.19	24.4	8.71

Provides: Mgr. Jozef Benka, PhD., doc. Mgr. Mária Bačíková, PhD.
Date of last modification: 21.02.2025
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KKF/ LJPS/07	**Course name:** Latin Language for Students of Psychology

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: 2., 4.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 78

A	B	C	D	E	FX
30.77	25.64	17.95	11.54	11.54	2.56

Provides: prof. PhDr. František Šimon, CSc.

Date of last modification: 14.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚMV/ MTB/13	**Course name:** Mathematics for biologists

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., 4.

Course level: I.

Prerequisities:

Conditions for course completion:
In the covered areas of mathematics, skills in solving standard problems related to given topics are required.
Evaluation based on the results of two tests (during the semester): A ... at least 80%, B ... at least 70%, C ... at least 60%, D ... at least 50%, E ... at least 40%, FX ... less than 40% .

Learning outcomes:
Short introduction to mathematics, mathematical problem solving strategies and their applications to solving problems in biology and other sciences. Introduction to the computer algebra system MAPLE.

Brief outline of the course:
- (week 1) Basic terms
- (week 2) Geometry in the plane (vectors, lines in the plane and their representations)
- (week 3) Systems of linear equations (linear equation and inequality, system of linear equations, Gaussian elimination)
- (week 4-6) Functions (monotonicity, local extrema, function composition, inverse function, elementary functions and their properties)
- (week 7) Combinatorics (binomial theorem, combinations and permutations without / with repetition, inclusion-exclusion principle)
- (week 8) Sequences and series (monotonicity and boundedness, recurrent sequence, geometric series)
- (week 9) Limit (limit of a sequence, limit of function, convergence, divergence, methods for computing limits, continuity)
- (week 10-11) Derivatives (sum, product, quotient and chain rule, derivatives of elementary functions, Taylor polynomial, analysis of functions)
- (week 12) Integrals (indefinite integral, integration methods: by substitution, by parts, by partial fractions; definite integral)
- (week 13-14) Ordinary differential equations (first order separable ODE, first order linear ODE)

Recommended literature:
E. Bohl, Mathematik in der Biologie, Springer, Berlin Heidelberg, 2006.

D. Studenovská, T. Madaras, S. Mockovčiak: Zbierka úloh z matematiky pre nematematické odbory, UPJŠ 2006.
D. Studenovská, T. Madaras: Matematika pre nematematické odbory, UPJŠ 2006.

Course language:
Slovak

Notes:

Course assessment
Total number of assessed students: 790

A	B	C	D	E	FX
12.78	13.29	16.58	20.38	27.72	9.24

Provides: RNDr. Igor Fabrici, Dr. rer. nat., RNDr. Jana Borzová, PhD., Mgr. Daniela Kovalčíková

Date of last modification: 28.10.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPE/ MKŠP/21	**Course name:** Mentoring and Coaching in School 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: 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 85

A	B	C	D	E	FX
88.24	9.41	2.35	0.0	0.0	0.0

Provides: Mgr. Zuzana Vagaská, PhD., Mgr. Beáta Sakalová, PhD.

Date of last modification: 18.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/MKV/15	**Course name:** Microbiology and basics of virology

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., 5.

Course level: I.

Prerequisities: ÚBEV/CYT1/15

Conditions for course completion:
Attendance of practicals (at least 90%), 2 written examinations during semester, final oral examination

Learning outcomes:
Students will obtain a basic informations on viruses, prokaryotic and eukaryotic microorganisms, their cytology, physiology, genetics, ecology, classification, and importance . Information on basic methods for studying microorganisms will be provided.

Brief outline of the course:
Viruses, prokaryotic and eukaryotic microorganisms, their cytology, physiology, genetics, ecology, classification. The importance of microorganisms for humans and environment.

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 1523

A	B	C	D	E	FX
24.56	13.46	18.19	18.65	20.75	4.4

Provides: doc. RNDr. Peter Pristaš, CSc., univerzitný profesor, RNDr. Mariana Kolesárová, PhD., RNDr. Lenka Maliničová, PhD.

Date of last modification: 10.12.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/MB1/01	**Course name:** Molecular Biology

Course type, scope and the method:
Course type: Lecture
Recommended course-load (hours):
Per week: 3 **Per study period:** 42
Course method: present

Number of ECTS credits: 4

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

Conditions for course completion:
Oral examination.

Learning outcomes:
To provide the students with knowledge of molecular basis of inheritance and control of gene expression and development.

Brief outline of the course:
Structure and properties of information macromolecules. Molecular mechanisms of DNA replication and repair, transcription and translation. Prokaryotic and eukaryotic genome. Control of gene expression in prokaryotes and eukaryotes. Control of cell cycle.

Recommended literature:
Lodish, H., Baltimore, D., Berk, A. et al.: Molecular Cell Biology. Sci. Amer. Books Inc., W.H. Freeman and Company, New York, 1995
Myers, R.A.: Molecular Biology and Biotechnology. VCH Publishers Inc., New York, 1995

Course language:

Notes:

Course assessment
Total number of assessed students: 1174

A	B	C	D	E	FX
8.6	12.01	18.48	19.51	30.15	11.24

Provides: doc. RNDr. Peter Pristaš, CSc., univerzitný profesor, RNDr. Zuzana Jendželovská, PhD., RNDr. Ján Košuth, PhD., RNDr. Jana Vargová, PhD.

Date of last modification: 03.05.2015

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/MBGNm/22	**Course name:** Molecular Biology and Genetics

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: I.

Prerequisities: ÚBEV/CYT1/15 and ÚBEV/MB1/01 and ÚBEV/GE1/10

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 36

A	B	C	D	E	FX
30.56	22.22	27.78	8.33	8.33	2.78

Provides:

Date of last modification: 15.05.2023

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPE/ MMKV/17	**Course name:** Multiculturalism and Multicultural Education
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: I.	
Prerequisities:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment
Total number of assessed students: 251

A	B	C	D	E	FX
40.64	41.43	16.33	0.8	0.4	0.4

Provides: PaedDr. Michal Novocký, PhD., Mgr. Beáta Sakalová, PhD.
Date of last modification: 12.03.2024
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ NATM/15	**Course name:** Neuroanatomy

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: I., II.

Prerequisities:

Conditions for course completion:
1. compulsory participation on Anatomy lectures and exercises, max. 3 absences per semester. If the number of absences exceeds three, every other absence results in the loss of one point from the earned points.
2. one written exam (max. 50 points) during semester
3. written exam (test, 50 points max.) during summer exam period. Final grade will be calculated based on the total sum of earned points from written exam (50 points) and test (50 points). Grading scale: A (100-91 points), B (90.5-81), C (80.5-71), D (70.5-61), E (60.5-51), FX (50.5 and less)

Learning outcomes:
After successful completion of the lectures, student masters the knowledge on anatomy and organization of central and peripheral nervous system. Student understands the particular functions of nervous system in homeostasis, sensory perception, motor functions, as well as in processing of signal at various levels of nervous system. Successful completion of the lectures prepare students for further study of various psychological disciplines.

Brief outline of the course:
1. introduction to neuroanatomy, basic principles of functional neuroanatomy, classification of the nervous system,dividing of the Nervous System (CNS, PNS, autonomous NS, somatic NS),
2. the spinal cord and nervous tracts
3. the brainstem: medulla oblongata, pons, mesencephalon
4. peripheral nervous system: spinal and cranial nerves
5. the cerebellum
6. the diencephalon
7. the telencephalon, cerebral cortex (paleopallium, archipallium, neopallium) and basal ganglia
8. ventricular system of the brain, meninges and blood supply,
9. autonomic nervous system: symphatetic and parasymphathetic
10. functional systems I: motor systems
11. functional systems II: sensory systems, perception
12. functional systems III: limbic system, emotions, memory
13. functional systems IV: higher cognitive functions, motivation

Recommended literature:

Lovásová, K., Kluchová, D., Boleková, A.:Neuroanatómia pre psychológov, Košice, Equilibria, UPJŠ 2015
Miklošová M.: Anatómia, Košice, Equilibria, UPJŠ 2011
Druga R., Grim M., Dubový P.: Anatomie centrálního nervového systému Galén Karolinum, 2011
Ševc, J., Mochnacký, F.: Anatomické termíny pre jednoodborové a medziodborové štúdium biológie, UPJŠ, e-book (https://unibook.upjs.sk/sk), 2020

Course language:

Notes:

Course assessment
Total number of assessed students: 380

A	B	C	D	E	FX
13.42	9.74	16.05	17.37	25.79	17.63

Provides: doc. RNDr. Juraj Ševc, PhD., RNDr. Anna Alexovič Matiašová, PhD.

Date of last modification: 07.09.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPE/Pg/15	**Course name:** Pedagogy

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: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 1331

A	B	C	D	E	FX
21.79	30.65	23.44	13.45	8.41	2.25

Provides: PaedDr. Michal Novocký, PhD., doc. PaedDr. Renáta Orosová, PhD.

Date of last modification: 14.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ FG1/03	**Course name:** Phytogeography

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: 5

Recommended semester/trimester of the course:

Course level: I., II.

Prerequisities:

Conditions for course completion:
1. Lectures are optional, but highly recommended due to the presentation of otherwise difficult-to-access information and its synthesis.
2. In addition to the exam, the student must complete a mandatory 5-hour field trip focusing on the aspects that determine the spread of plants on Earth, solve practical tasks from the topic of the subject and prepare a semester presentation on the given topic, the presentation is defended at a scientific mini-conference.

Learning outcomes:
After completing the subject, the student is oriented in various aspects of phytogeographic issues and can apply the acquired knowledge both in basic research within chorology, historical and regional phytogeography, as well as in the evaluation of world biomes. The practical application of the subject is within the study of geographically and climatically conditioned changes in vegetation, in the assessment of the reduction of biodiversity and the extinction of the natural plant communities of the Earth, and the acquired knowledge can be used in work in environmental protection.

Brief outline of the course:
1. History of the subject. Plants and environment. Dynamics of the earth's surface.
2. Abiotic and biotic factors of the plant environment.
3. Chorology, range, areal disjunctions, relics, endemism, vicarism.
4. Elements of flora - older and newer approaches.
5. Main features of florogenesis. Paleozoic, Mesozoic, Cenozoic.
6. Main features of florogenesis. Cenozoic - Pleistocene, Holocene.
7. Basics of GIS (geographic information systems) and their use in botanical research.
8. Postglacial development of vegetation in Slovakia.
9. Current changes in terrestrial vegetation and their study, plant invasions.
10. Geography of vegetation: from tropical rainforests to tundra I.
11. Geography of vegetation: from tropical rainforests to tundra II.
12. Geographical origin of cultivated plants.
Seminars and exercises consist of a 5-hour excursion focusing on the connections and conditionality of plant distribution and indoor exercises focusing on an overview of phytogeographical literature, atlases of plant distribution and their importance, types of mapping, types of areas, practical

assessment of floristic elements and types of disjunctions , work with maps of specific taxa throughout Europe. Further: regional phytogeography of the Earth, historical overview of opinions on the phytogeographical (floristic) division of Slovakia. Plant phylogeography. Student presentations of final semester theses (phytogeographical mini-conference).

Recommended literature:

Hendrych R.: Fytogeografie. - SPN, Praha 1984.
Prach K., Štech M., Říha P.: Ekologie a rozšíření biomů na Zemi. - Scientia, Praha 2009.
Krippel E.: Postglaciálny vývoj vegetácie Slovenska. – Veda, vyd. SAV, Bratislava, 1986.
Dahl, E.: The Phytogeography of Northern Europe, - Cambridge University Press, 2007.
Brown J. H., Lomolino M. V.: Biogeography. - Sinauer Associates, Sunderland, 1998.
Myers A. A., Giller P. S.: Analytical Biogeography. - Chapman & Hall, 1990.
Various literature devoted to the geography of vegetation (mainly nature and travel), articles in National Geographic, Živa, Vesmír and other magazines.

Course language:

Notes:

Course assessment

Total number of assessed students: 404

A	B	C	D	E	FX
38.61	22.03	21.53	8.66	8.42	0.74

Provides: prof. RNDr. Pavol Mártonfi, PhD., Mgr. Vladislav Kolarčik, PhD., univerzitný docent

Date of last modification: 24.07.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/BRNm/22	**Course name:** Plant Biology

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: I.

Prerequisities: ÚBEV/CYT1/15 and ÚBEV/VB1/01 and ÚBEV/FR1/10 and (ÚBEV/BO1/03 or ÚBEV/BO1/15) and (ÚBEV/BOT1/03 or ÚBEV/BOT1/15)

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 20

A	B	C	D	E	FX
30.0	10.0	25.0	15.0	15.0	5.0

Provides:

Date of last modification: 29.05.2023

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚBEV/ FR1/10	**Course name:** Plant Physiology

Course type, scope and the method:
Course type: Lecture / Practice
Recommended course-load (hours):
Per week: 2 / 3 **Per study period:** 28 / 42
Course method: present

Number of ECTS credits: 6

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: ÚBEV/VB1/01

Conditions for course completion:
1. Active participation in laboratory practicals. In case of justified non-participation, the teacher will determine an alternative form of lessons.
2. Before the practicals, the students will study the main points of the task that will be carried out. Students will receive an exact list of tasks according to individual lessons at the beginning of the semester.
3. Students make a written report of the practicals. The students will evaluate the results of the tasks and form a conclusion. The protocols are handed over to the teacher before the next lessons at the latest. The teacher checks the protocols and, in case of errors, returns the protocols for revision. If the submitted protocol is correct, the task is considered validly completed.
4. Practicals are considered to have been completed when at least 10 practical tasks are validly completed. Completion of practicals by the end of the semester at the latest (the date will be specified by the teacher) and succesfull test result (6 of 10 points) is obligatory for participation in the exam.
5. The activity in the practicals is evaluated by means of an ongoing point evaluation. A student can get 1-3 points. Obtaining 2 points is considered a standard completion of practicals. The best students can get 3 points for high-quality performance in the laboratory or excelent protocols. On the other hand, 1 point will be awarded to students who completed the practicals despite the teacher's minor reservations.
6. The examination of the subject takes place orally. Students need to answer to three questions and have a max. 30 minutes to prepare them.
Any changes or modifications to the conditions for completing the subject due to the COVID19 pandemic or other serious reasons are continuously posted on the subject's electronic board.

Learning outcomes:
Getting a basic overview of life processes in plants. Acquisition of basic laboratory practice in biochemical methods and work with plant material. Ability to evaluate results and form the conclusions.

Brief outline of the course:
1. Water in plant life, properties of water, water regime; uptake and transport of water, transpiration.

2. Mineral substances in plants, transport mechanisms of mineral substances, Essential elements and their main functions, useful substances and toxic substances.
3. Photosynthesis: Meaning of photosynthesis, photosynthetic pigments, electron and proton transport, ATP production.
4. Metabolic phase of photosynthesis, CO2 fixation, Calvin cycle, Photorespiration, C4 and CAM plants, ecophysiology of photosynthesis.
5. Mobilization of storage substances, Glycolysis, Pentose cycle, Citrate (Krebs) cycle, Mitochondrial respiration, Biosynthesis and mobilization of lipids
6. Nitrogen and sulfur metabolism: Nitrogen uptake and reduction, assimilation of nitrogen, nitrogenase, assimilation of sulfur
7. Secondary plant metabolism: Isoprenoids, phenolic substances, substances derived from amino acids, stress metabolites
8. Plant growth, cell division, cellulose formation, embryogenesis, meristems, regeneration
9. Photoreceptors: Phytochromes, physiological effects of phytochromes, blue light receptors
10. Plant hormones: Characteristics and method of signaling, auxins, gibberellins, cytokinins, abscisic acid, ethylene, brassinosteroids and other hormones
11. Plant movements, tropisms, circadian rhythms
12. Flowering control: Internal and external regulation of flowering, floral meristem and control of flower development.
13. Physiology of stress: Abiotic stress, biotic stress, response of plants to stress.

Recommended literature:
Bhatla S.C., Lal M.A. Plant Physiology, development and metabolism. Springer Nature Singapore Pte Ltd. 2018

Course language:

Notes:

Course assessment
Total number of assessed students: 2015

A	B	C	D	E	FX
16.48	13.5	17.12	14.59	22.03	16.28

Provides: doc. RNDr. Peter Paľove-Balang, PhD.

Date of last modification: 04.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/PP/15	**Course name:** Positive 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., 6.

Course level: I.

Prerequisities:

Conditions for course completion:
Assessment of Study Results:
The evaluation of study results for the course is conducted through continuous assessment. Active participation in seminars (a maximum of 2 absences is allowed) accounts for 20%; a presentation during the exercises on a pre-assigned date accounts for 30%; and the preparation and submission of a group year-long methodological guide on Positive Psychology accounts for 50%.
Final Grading Scale:
A: 100 – 90%
B: 89 – 80%
C: 79 – 70%
D: 69 – 60%
E: 59 – 50%
FX: 49% or less – failed and must revise the assignment where a low score was obtained.cademic information system of the UPJŠ.

Learning outcomes:
Knowledge: Students will gain basic knowledge about the origins, foundations, and applications of Positive Psychology as a new and dynamically developing field of psychology. They will become familiar with research in this area and various perspectives on personal well-being, happiness, and life meaning. They will acquire an overview of the main theoretical approaches in Positive Psychology and their application in the context of individuals and society, with an emphasis on their use in educational settings.
Skills: Students will develop the ability to independently and critically address current topics in Positive Psychology, such as positive emotions, interpersonal relationships, hope, optimism, gratitude, and wisdom. They will learn to apply Positive Psychology principles in designing programs aimed at promoting personal well-being and developing positive traits, which can be utilized in working with children and youth in school environments.
Competencies: After completing the course, students will be able to effectively apply the principles of Positive Psychology in educational contexts, such as fostering positive interpersonal relationships and developing optimism and gratitude in students. They will be prepared to

participate in the creation and implementation of programs focused on personal development and mental well-being, contributing to the creation of a positive and supportive school environment.

Brief outline of the course:

1. Different perspectives on well-being nad happiness in psychology
2. Main theoretical approaches to positive psychology
3. Positive emotions and positivity
4. Meaningfulness
5. Positive interpersonal relations
6. Post-traumatic growth
7. Hope and optimism
8. Gratitude
9. Spirituality as a personality dimension
10. Wisdom
11. Positive institutions
12. New themes and topics in PP

Recommended literature:

Brewer, M. B., & Hewstone, M. (2004). Emotion and motivation. Blackwell.
Deci, E., & Ryan, R. M. (2002). Handbook of self-determination research. Rochester.
Křivohlavý, J. (2003). Pozitivní psychologie. Praha: Portál.
Křivohlavý, J. (2007). Psychologie vděčnosti a nevděčnosti. Praha: Grada.
Křivohlavý, J. (2012). Psychologie moudrosti a dobrého života. Praha: Grada.
Křivohlavý, J. (2013). Psychologie pocitu štěstí. Praha: Grada.
McAdams, D. P. (2002). The person. New York.
Seligman, M. E. P., & Csikszentmihalyi, M. (Eds.). (2000). Positive psychology [Special issue]. American Psychologist, 55(1).
Říčan, P. (2007). Psychologie náboženství a spirituality. Praha: Portál.
Slezáčková, A. (2012). Průvodce pozitivní psychologií. Praha: Grada.
Carr, A. (2022). Positive psychology: The science of wellbeing and human strengths (3rd ed.). Routledge.

Course language:

Notes:

Course assessment

Total number of assessed students: 462

A	B	C	D	E	FX
98.27	1.3	0.22	0.0	0.22	0.0

Provides: doc. Mgr. Gabriel Baník, PhD.

Date of last modification: 04.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: CJP/ PFAJPSYCH1/07	**Course name:** Professional English for Psychology 1

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 1., 3.

Course level: I.

Prerequisities:

Conditions for course completion:
Active classroom participation (2 absences tolerated).
2 tests (7th week, 13th week), 1 retake - 14th week, presentation.
Final assessment = the average obtained in tests (50%) and presentation (50%).
Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less.

Learning outcomes:
The development of students´ language skills - reading, writing, listening, speaking, improvement of their linguistic competence - students acquire knowledge of selected phonological, lexical and syntactic aspects, development of pragmatic competence - students can efectively use the language for a given purpose, with focus on Academic English and English for specific/professional purposes - Psychology, level B2.

Brief outline of the course:

Recommended literature:
Short, J.: English for Psychology in Higher Education Studies. Garnet Publishing Ltd., 2010.
Treger, A., Treger B.: Psychology Vocabulary in Use. Slowko, 2022.
Seal, B.: Academic Encounters. Reading, Study Skills and Writing. Content Focus – Human Behavior. CUP, 1997
http://www.bbc.co.uk/worldservice/learningenglish
www.youtube.com

Course language:
English, level B2 according to CEFR.

Notes:

Course assessment
Total number of assessed students: 189

A	B	C	D	E	FX
24.87	16.93	14.29	12.17	11.64	20.11

Provides: Mgr. Zuzana Kolaříková, PhD.

Date of last modification: 06.09.2024
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: CJP/ PFAJPSYCH2/07	**Course name:** Professional English for Psychology 2

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 2., 4.

Course level: I.

Prerequisities:

Conditions for course completion:
Class attendance and participation, max. 2 absences. 2 tests (6th/7th week, 12th/13th week), no retake. Oral presentation.
Final assessment = the average obtained in tests and presentation.
Grading scale: A 93-100%, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64% and less.

Learning outcomes:
The development of students´ language skills - reading, writing, listening, speaking, improvement of their linguistic competence - students acquire knowledge of selected phonological, lexical and syntactic aspects, development of pragmatic competence - students can efectively use the language for a given purpose, with focus on Academic English and English for specific/professional purposes - Psychology, level B2.

Brief outline of the course:
Memory. Short-term, long-term memory. Theories of forgetting. Memory and hypnosis. Mental illnesses. Common myths about mental illnesses. Personality theories. Trait theory. Measuring personality. Modern addictions. Selected aspects of academic communication in English. Presentation skills - sign-posting language, presentation structure, etc.

Recommended literature:
Short, J.: English for Psychology in Higher Education Studies. Garnet Publishing Ltd., 2010.
Treger, A., Treger B.: Psychology Vocabulary in Use. Slowko, 2022.
Murphy, R.: English Grammar in Use. A self-study reference and practice book for intermediate students. CUP, 1994.
Seal, B.: Academic Encounters. Reading, Study Skills and Writing. Content Focus – Human Behavior. CUP, 1997
http://www.bbc.co.uk/worldservice/learningenglish

Course language:
English, level B2 according to CEFR

Notes:

Course assessment
Total number of assessed students: 72

A	B	C	D	E	FX
29.17	12.5	18.06	11.11	13.89	15.28

Provides: Mgr. Zuzana Kolaříková, PhD.

Date of last modification: 04.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/P/22	**Course name:** 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: I.

Prerequisities: KPS/PEM/05 and KPS/KOGPS/11 and KPPaPZ/PSO/09

Conditions for course completion:
Obtaining the required number of credits in the prescribed composition by the study plan.

Learning outcomes:
Verification of acquired competencies of the student in accordance with the profile of the graduate.

Brief outline of the course:
Psychology of cognition, emotions and motivation, personalitiesThemical areas for the state exam in Psychology MOS psychologyPsychological aspects of human cognition. History of cognitive psychology. General characteristics of human cognition, models of cognition. Perception. Sensory and perceptual processes. Basic issues of receiving information, organization of the perceptual field and object recognition. Theories and models of these processes. Attention. Basic functions and properties of attention. Theories of selection and division of attention. Memory and learning. Types of memory. Forgetting. Conditioning and other forms of learning. New memory approaches. Imagination. Basic characteristics of imagination and imagination. Theory of imagination. Types of ideas. Thinking. Basic thought operations. Concepts. Thinking, language and speech. Judgment. Decision making and problem solving. Theories and models of decision making. Creativity Intelligence. Definitions. History of IQ detection. Approaches and theories. Psychology of emotions. Definition of basic terms: emotion, emotion, emotional behavior, emotional states, emotional episodes, moods. Emotional situations. Functions of emotions. Emotion regulation and emotional intelligence. Coping and emotions. Traditional and contemporary approaches to the study of emotions: Philosophical, historical, biological, neurophysiological and psychological approach to the study of emotions. Evolutionary psychological and psychophysiological theory of emotions. Cognitive approaches to explaining emotions. Voice communication of emotions and facial expressions. Functional approach to emotions. Intrapersonal, social and developmental function of emotions. Classification of emotions. Characteristics and research findings related to basic emotions: Joy and happiness. Love and affection. Hate and anger. Fear and sadness. Resistance, disgust and anger. Emotions associated with JA. The concept of motivation, motive. Categorization of motifs. Primary and secondary motives. Performance motives. Social motives. Approaches to the study of motivation. Classical approaches and theories: Theory of instincts and instincts. Basic homeostatic models. Humanistic theories of motivation. Performance motivation theory, attribution motivation theory and cognitive approaches to motivation. Selected current approaches to the study

of motivation. Theories based on expectations, current interests, reasons for involvement. Theories integrating expectation and value. Theories of motivation and choice. Focus on psychodynamic forces, general tendencies of the representatives of this group of Personality Psychology. Evaluation of the Classical Psychoanalysis by Sigmund Freud. Psychoanalytic Tradition and Ego-Psychology. Evaluation of current Psychoanalytic Theory. Permanent personality traits according to the Analytical Psychology of C. G. Jung. Evaluation of Jungian Theory in Personality Psychology. Main characteristics of A. Adler's Individual Psychology. The focus of research and evaluation of Individual Psychology by A. Adler. Interpersonal dynamics and its evaluation in Personality Psychology. Focus on the surviving person and evaluation of the personality theory of the representatives of the Humanistic and Holistic approach. Existential psychology of personality and Phenomenological approach to personality. Personality structure according to K. Lewin and a critique of Lewin's theory.G. Kelly's theory of personal constructs and critique of Kelly's theory. Emphasis on lasting characteristics; evaluation of the contribution of theorists of Personality Psychology: H. Murray and G. Allport. Evaluation of W. H. Sheldon's contribution in Personality Psychology. Evaluation of the theory of R. Cattell and H. J. Eysenck in Personality Psychology. Structural models of personality traits. Three-factor personality models and Big five. Evaluation of the Theory of Social Learning in the Context of Contemporary Personality Psychology.

Recommended literature:

Course language:

Notes:

Course assessment

Total number of assessed students: 51

A	B	C	D	E	FX
21.57	19.61	29.41	21.57	3.92	3.92

Provides:

Date of last modification: 24.06.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ PEM/05	**Course name:** Psychology of Emotions and Motivation

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: 1.

Course level: I.

Prerequisities:

Conditions for course completion:
Interim evaluation of 40%
1. 2x credit tests (after part about emotions and after part about motivations, 2 x 15b, max 30b, min 15b).
2. activity in seminars (max 10b, min 5b).
Min. the number of points obtained per semester required for admission to the examination is 21p.
60% final evaluation - written exam (in the exam period), max. 60b, min. 31b.
A final evaluation is a sum of assessment during semester and exam. The information will be yearly specified on the electronic noticeboard (aj black board môže byť) of the course in AiS2, aleternatively in LMS UPJŠ or MS Teams environment.

Learning outcomes:
The aim of the subject is to give students a systematic explanation of the basics of psychological knowledge about emotions and motivation with an emphasis on the interpretation of the latest research findings.
Knowledges: Upon successful completion of the course, students are well versed in the basic concepts / terminology of the course.
Skills: Students can identify the basic characteristics of different approaches to emotions and motivation and are able to distinguish between them. Based on the acquired knowledge, they are able to understand them and perceive individual approaches in the context of the genesis of their empirical research.
Competences: Through exercises, students deepen their knowledge in the subject matter and train their skills to use the acquired knowledge in a relevant way, to think about it independently and critically, and to apply it adequately to practical / model cases.
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 Psychology of emotion and motivation - definition of basic concepts. The relationship of emotion and motivation. 2 Traditional approaches to the study of emotions - historical, philosophical, biological, social and psychological approaches. 3 Evolutionary psychological and psycho-physiological theory of emotions. 4 Vocal communication of emotions and facial expressions. 5

Regulation of emotions. 6 Function, development and education of emotions. 7 Basic concepts of psychology of motivation. 8 Classical approaches to the study of motivation. Homeostatic theories of motivation. 9 Humanistic theory of motivation. 10 Achievement motivation. 11 Attribution theory and cognitive approaches. 12 Current theories of motivation.
es.
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:

Required:
1. Prednášky Psychológia motivácie a emócií.
2. PLHÁKOVÁ, A.: Učebnice obecné psychologie. Praha, Academia, 2023.
3. STUCHLÍKOVÁ, I.: Základy psychologie emocí. Praha : Portál, 2007.
Recommended:
1. BARRETT, L., F., LEWIS, M., HAVILAND-JONES, J., M.: Handbook of emotions. 4th. ed., The Guilford Press, 2018.
2. GORMAN, P.: Motivation and Emotion: Textbook. London: Routledge. 2004.
3. MADSEN, K.B.. Moderní teorie motivace. Praha: Academia, 1979.
4. IZARD, C. et al.:Temperament, cognitive ability, emotion knowledge, and adaptive social behavior. Imagination, cognition and personality, roč, 19, 1999-2000, č.4, s.305-309 vrátane
5. JAMES, W. Principles of Psychology. The emotion.1890 (od genézy emócií) Prístupné:http://www.des.emory.edu/mfp/james.html
6. ATKINSON, J. W.: Personality Dynamics, s. 263-267 (ffweb)
7. GREWAL, D. - SALOVEY, P: Feeling Smart: A Science of Emotional Intelligence: American Scientist, roč. 93, 2005, č. 4, s. 330-339
8. GASPER, K.- BRAMESFELD, K.: Imparting wisdom: Magda Arnold´s contribution to research on emotion and motivation. Preview. In Cognition and Emotion. vol 20, 2006, c. 7, s. 1001-1013 - prístup k článku cez databázu EBSCO, vyhľadať časopis Cognition and Emotion, rok. 2006, č. 6
9. DECI, E. L., & RYAN, R. M. (2008). Self-Determination Theory: A Macrotheory of Human Motivation, Development, and Health. Canadian Psychology, 49(3), 182-185.
10. McCLELLAND, D. C. (1967). Money as a Motivator: Some Research Insights. Mckinsey Quarterly, 4(2), 10-21.
11. WEINER, B. (2010). The Development of an Attribution-Based Theory of Motivation: A History of Ideas. Educational Psychologist, 45(1), 28-36.
12. MASLOW, A.: Theory of Human Motivation. Psychological Review 1943 50, 370-396.
13. EDWARD L. DECI: On The Nature And Eunctions of Motivation Theories. Psychological Science, Vol. 3, No. 3, May 1992, S. 167-171
14. LEWIS, M., HAVILAND-JONES, J.M., FELDMAN BARRETT, L.: Handbook of Emotions. Third ed. New York, Guilford Press, 2010. ISBN 978-1-60918-044-7

Course language:

Slovak language

Notes:

Lectures and seminars will take place in person or online (depending on the current situation). Study materials will be accessible to students through OneDrive.

Course assessment
Total number of assessed students: 1859

A	B	C	D	E	FX
11.89	13.82	18.07	24.21	19.53	12.48

Provides: prof. PhDr. Margita Mesárošová, CSc., PhDr. Bibiána Kováčová Holevová, PhD., Mgr. Ondrej Kalina, PhD.

Date of last modification: 22.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/PSO/09	**Course name:** Psychology of Personality

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: I.

Prerequisities:

Conditions for course completion:
Assessment: A maximum of 40 points can be earned during the semester (through two assignments and a written verification).
Exam entry criteria: Active participation in exercises and a minimum of 30 points earned during the semester.
Continuous assessment (40%) and written examination (60%).
For more information and updates, refer to the electronic board of the course AIS2.
Final evaluation: A 87 – 100 B 77 – 86 C 69 – 76 D 61 – 68 E 56 – 60 FX 55 and less
Combined method.
The information will be yearly specified on the electronic noticeboard of the course in AIS2, aleternatively in LMS UPJŠ or MS Teams environment.

Learning outcomes:
Students will gain an understanding of the role of personality theory in psychology and ways in which personality is assessed and explored, critically evaluate and compare different teories of personality.
The information will be yearly specified on the electronic noticeboard of the course in AIS2, aleternatively in LMS UPJŠ or MS Teams environment.

Brief outline of the course:
1. History of Personality Psychology. Personality as a topic of psychology.
2. Focus on psychodynamic strengths: Classical psychoanalysis, personality as hierarchic arrangement of functionally differentiated layers in Sigmund Freud's theory. Current psychoanalytical theory (ego as an equal partner/A. Freud, autonomous ego/H. Hartmann.
3. Focus on psychodynamic strengths: Analytical psychology (C. G. Jung/ features of personality, dynamics, and development of personality).
4. Interpersonal dynamics (A. Adler, K. Horney, E. Fromm, H. S. Sullivan)
5. Focus on human experience: Holism and humanism (Kurt Goldstein, A. Maslow, C. Rogers theory of Self, dynamics, development of personality. Critics of humanistic approach.
6. Focus on human experience: Phenomenology and existential psychology (the main points of existentialism, shaping psychology, phenomenological approach to personality, phenomenal self). Logotherapy (Freedom of will, will to meaning, meaning of life, existential vacuum).

7. Cognitive theory of personality of G. A. Kelly. Emphasis on permanent characteristics: Personology. Structure and dynamics of personality by G. Allport. Emphasis on permanent characteristics: Constitutional psychology.
8. Structural analysis of personality, concept of personal features.
9. Emphasis on Learning.
The information will be yearly specified on the electronic noticeboard of the course in AIS2, aleternatively in LMS UPJŠ or MS Teams environment.

Recommended literature:

Compulsory:
Lectures (Literary sources in published lectures)
HALL, C.S., LINDZEY, G. (1997). Psychológia osobnosti. Bratislava: SPN.
Recommended:
HŘEBÍČKOVÁ, M. (2011). Pětifaktorový model v psychologii osobnosti. Grada Publishing as.
JOHN, O. P., ROBINS, R. W., & PERVIN, L. A. (Eds.). (2008). Handbook of personality: Theory and research (3rd edition). New York: Guilford.
BLATNÝ, M. a kol. (2010). Psychologie osobnosti. Hlasní témata, současné přřístupy. Praha: Grada.
VAGNEROVÁ, M. (2010). Psychologie osobnosti. Praha: Karolinum.
NAKONEČNÝ, M. (2009). Psychologie osobnosti. Praha: Academia.
DRAPELA, K. (1997). Přehled teórii osobnosti. Praha: Portal.
VÝROST, J., RUISEL, I. (Eds.) (2000). Kapitoly z psychológie osobnosti. Bratislava: Veda.
ŘÍČAN, P. (2007). Psychologie osobnosti. Praha: Grada 2007.
SMÉKAL, V. (2002). Psychologie osobnosti. Člověk v zrcadle vědomí a jednání. Praha: Barrister&Principal.
ELECTRONIC INFORMATION RESOURCES (UL UPJŠ)

Course language:
slovak

Notes:

Course assessment
Total number of assessed students: 1688

A	B	C	D	E	FX
14.51	17.06	21.03	22.33	20.44	4.62

Provides: prof. PhDr. Oľga Orosová, CSc., Mgr. Miroslava Köverová, PhD., Mgr. Jozef Benka, PhD.

Date of last modification: 09.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/ MMOSP/15	**Course name:** Research Methodology for Interdisciplinary Study Programs of Psychology

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: 3

Recommended semester/trimester of the course: 1.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:
The teaching of the subject is realized with an emphasis on the activity and independence of students.
Science in pedagogy and psychology. Scientific research, scientific thinking. Ethical issues of scientific research. The language of science.
How to write a scientific article, presentation, poster, qualification work. Interpretation of findings, integration of findings into context.
Topic selection, material search, research problem creation. Hypothesis, variable. Types of research plans. Reliability and validity of research
Research sample, methods of sample selection. Preliminary research.
Data collection techniques - questionnaire, experiments, introduction to qualitative methodology, observation, interview.
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: 508

A	B	C	D	E	FX
5.91	16.34	19.29	23.23	27.17	8.07

Provides: PhDr. Anna Janovská, PhD., doc. PhDr. Beata Gajdošová, PhD.

Date of last modification: 14.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/RP1/08	**Course name:** Research Project

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: 6

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities:

Conditions for course completion:
The student will independently conduct a scientific research study and process it into a scientific text of approximately 10 standard pages. The study will then be presented and defended at the Student Scientific Conference (ŠVOČ).
Further details will be published on the course's electronic bulletin board.

Learning outcomes:
The graduate of the course will understand and apply in practice the knowledge of completed theoretical subjects - Methodology for interdisciplinary study and Introduction to statistical methods for interdisciplinary study. With its practical focus, the subject contributes to the development of students' professional skills. The result of the completed course will be a short research study focused on some of the current topics of psychology.

Brief outline of the course:
1. Preparation of a research project.
2. Searching for theoretical sources.
3. Work with literature, citation.
4. Structure of a scientific article.
5. Implementation of research - practical advice and procedures.
6. Processing of research results - work with SPSS.
7. Processing of research results - tables and graphs.
8. Processing research results - writing a scientific article.
9. Presentation of research results.

Recommended literature:
Katuščák, D. (2004). Ako písať záverečné a kvalifikačné práce. Enigma, Bratislava.
Kimlička, Š. (2006). Metodika písania vysokoškolských a kvalifikačných prác. UK v Bratislave.
Bačíková, M., Janovská, A., Orosová, O. (2019) Základy metodológie pedagogicko-psychologického výskumu. Šafárik Press, Košice.
Žiaková, E., Lisnik, A., Greňová, K. (2014). Návod na písanie záverečných prác. UPJŠ, Košice.
domáce a zahraničné publikácie súvisiace s témou projektu

Course language:

Notes:

Course assessment
Total number of assessed students: 22

A	B	C	D	E	FX
22.73	31.82	18.18	18.18	9.09	0.0

Provides: doc. Mgr. Mária Bačíková, PhD.

Date of last modification: 31.03.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/RKS/14	**Course name:** Resolving Conflict Situations in Educational 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: 3., 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 179

abs	n
94.41	5.59

Provides: PhDr. Anna Janovská, PhD.

Date of last modification: 27.05.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPE/ OLŠ/15	**Course name:** School Administration and Legislation

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., 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 355

A	B	C	D	E	FX
45.92	31.27	13.24	5.92	3.1	0.56

Provides: PaedDr. Michal Novocký, PhD., Mgr. Beáta Sakalová, PhD.

Date of last modification: 14.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ CM/13	**Course name:** Seaside Aerobic Exercise

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:

Course level: I., II.

Prerequisities:

Conditions for course completion:
Completion: passed
Condition for successful course completion:
- active participation in line with the study rule of procedure and course guidelines
- effective performance of all tasks- aerobics, water exercise, yoga, Pilates and others

Learning outcomes:
Content standard:
The student demonstrates relevant knowledge and skills in the field, which content is defined in the course syllabus and recommended literature.
Performance standard:
Upon completion of the course students are able to meet the performance standard and:
- perform basic aerobics steps and basics of health exercises,
- conduct verbal and non-verbal communication with clients during exercise,
- organise and manage the process of physical recreation in leisure time

Brief outline of the course:
Brief outline of the course:
1. Basic aerobics – low impact aerobics, high impact aerobics, basic steps and cuing
2. Basics of aqua fitness
3. Basics of Pilates
4. Health exercises
5. Bodyweight exercises
6. Swimming
7. Relaxing yoga exercises
8. Power yoga
9. Yoga relaxation
10. Final assessment

Students can engage in different sport activities offered by the sea resort – swimming, rafting, volleyball, football, table tennis, tennis and other water sports in particular.

Recommended literature:
1. BUZKOVÁ, K. 2006. Fitness jóga. Praha: Grada. 167 s.

2. ČECHOVSKÁ, I., MILEROVÁ, H., NOVOTNÁ, V. Aqua-fitness. Praha: Grada. 136 s.
3. EVANS, M ., HUDSON, J., TUCKER, P. 2001. Umění harmonie: meditace, jóga, tai-či, strečink. 192 s.
4. JARKOVSKÁ, H., JARKOVSKÁ, M. 2005. Posilováni s vlastním tělem 417 krát jinak. Praha: Grada. 209 s.
5. KOVAŘÍKOVÁ, K. 2017. Aerobik a fitness. Karolium, 130 s.

Course language:
Slovak language

Notes:

Course assessment
Total number of assessed students: 62

abs	n
9.68	90.32

Provides: Mgr. Agata Dorota Horbacz, PhD.

Date of last modification: 29.03.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KF/ VKFV/07	**Course name:** Selected Topics in Philosophy of Education (General Introduction)

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., 5.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 52

A	B	C	D	E	FX
63.46	17.31	17.31	1.92	0.0	0.0

Provides: PhDr. Dušan Hruška, PhD.

Date of last modification: 13.04.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/ECo-C2/14	**Course name:** Self Marketing

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: 4

Recommended semester/trimester of the course: 4., 6.

Course level: I.

Prerequisities:

Conditions for course completion:
The conditions for passing the subject are as follows: 1. Active participation in exercises. Max. the missed range is 90 min. 2. Submission of the reflection on the selected topic within the specified time. Reflection topic: will be given in the exercise.
The evaluation of the subject and its subsequent completion will be based on clearly and objectively determined requirements, which will be determined in advance and will not change. The aim of the evaluation is to ensure an objective and fair mapping of the student's knowledge while observing all ethical and moral standards. There is no tolerance for fraudulent student behavior in either the teaching or assessment process.

Learning outcomes:
The student is able to understand and explain the basic assumptions of good self-marketing, knows the possibilities for the correct presentation of his own person and understands the related knowledge and principles of personal and communication area. He / she can understand his / her competencies, his / her goals, how to make his / her strengths visible and he / she can apply this knowledge and social and professional skills in the personal and professional sphere of his / her life, which will also improve his / her employment opportunities.

Brief outline of the course:
What is marketing? (Marketing - Mix)
Basics of self-marketing (Personal opinion is crucial, Goal setting, Proper use of opportunity)
Me and my influence (What can I offer? What does he / she have unlike me? How do others see me? Ability to defend one's own opinion, Think positively!, I know how to explore myself - what options do I have?),
Competence (Have your own opinion, How to withstand criticism, Be a team player, Competence at work),
Draw attention to yourself (Voice and word selection, Active in meetings, Present yourself successfully).

Recommended literature:
VÝROST, Jozef - SLAMĚNÍK, Ivan. Sociální psychologie. 2., přepr. a rozš. vyd. Praha : GRADA, 2008. 408 s.

VÝROST, Jozef - SLAMĚNÍK, Ivan. Aplikovaná sociální psychologie I : Člověk a sociální instituce. 1. vyd. Praha : Portál, 1998. 384 s. ISBN 80-7178-269-6.
KOMÁRKOVÁ, Růžena - SLAMĚNÍK, Ivan - VÝROST, Jozef. Aplikovaná sociální psychologie III : Sociálněpsychologický výcvik. 1. vyd. Praha : Grada Publishing, 2001. 224 s.
VÝROST, Jozef - SLAMĚNÍK, Ivan. Aplikovaná sociální psychologie II. 1. vyd. Praha : Grada Publishing, 2001. 260 s.

Course language:
slovak

Notes:
After passing the certification exams from all 4 modules (Teamwork, Selfmarketing, Conflict Management, Communication) the student will receive an ECo-C card and an ECo-C certificate.

Course assessment
Total number of assessed students: 230

abs	n
92.61	7.39

Provides: Mgr. Ondrej Kalina, PhD., Mgr. Lenka Hudáková, PhD., Mgr. Lucia Barbierik, PhD.

Date of last modification: 10.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/SPMOS/16	**Course name:** Social Psychology for Double-Major Study

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: I.

Prerequisities:

Conditions for course completion:
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, either in the teaching process or in the assessment process.
Continuous assessment: credit test (min. Number of 11 points) + individual work - power point presentation (min. Number of points 11). Total max. 40 b. - min. 22 b.
Final evaluation (exam, final thesis ...): exam max. 60 points, min. 30 points.
At least 90 points are required to obtain an "A" rating, 80-89 points to obtain an "B" rating, 70-79 points to obtain an "C" rating, 60-69 points to obtain an "D" rating and 51 to obtain an "E" rating 51 -59 points. The final evaluation is calculated as the sum of the points obtained

Learning outcomes:
Analysis of the social and socio-psychological context of human existence, with emphasis on the relationship to oneself, the relationship to others and the relationship to the social environment. The objectives of the study of the subject social psychology can be divided into three basic areas: a / to approach the subject, key areas of building the knowledge system and methods of this psychological discipline; b / specify the place of social psychology in the structure of psychological sciences and its relations to social and behavioral sciences; c / to provide information on the main directions of application of socio-psychological knowledge in research, expertise and routine work.
The basic thematic areas of the course will be the content of lectures. The purpose of the seminars will be to expand the subject matter in the form of presentations by students on the topic (papers) and to illustrate approaches to knowledge of the field (methodologies, research, model situations, socio-psychological influenza procedures).
The student is able to demonstrate an understanding of an individual's behavior in socio-psychological contexts (eg social cognition, social communication, affiliation, aggression, social conflicts, etc.).
The student is able to describe, explain and evaluate basic socio-psychological theoretical concepts and be able to illustrate them with examples.
The student is able to apply the learned knowledge - will be able to predict some forms of human behavior in socio-psychological contexts.

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.
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:
Background, subject and history of social psychology. Social cognition. Social communication. Social psychology of personality. Self-image and identity. Coping. Social impact, conformity. Aggression and aggression.

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 202

A	B	C	D	E	FX
20.3	27.23	26.73	13.86	8.42	3.47

Provides: doc. PhDr. Beata Gajdošová, PhD., Mgr. Ondrej Kalina, PhD.

Date of last modification: 10.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPO/ SPKVV/15	**Course name:** Social and Political Context of 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: 4., 6.

Course level: I.

Prerequisities:

Conditions for course completion:
Evaluation of the developed assignment.
A ... 100,00% - 91,00%
B ... 90,99% - 81,00%
C ... 80,99% - 71,00%
D ... 70,99% - 61,00%
E ... 60,99% - 51,00%
FX ... 50,99% and less

Learning outcomes:
The aim and purpose of teaching the subject is to impart knowledge and promote reflection on the issues of education and training in the context of social and political change.
Development of knowledge: the student will be able to know the current theoretical background related to the process of education and training in a modern democratic society.
The student will be able to navigate the social and political space - politically, legally, socially and culturally. He/she will be able to look for alternatives and solutions to dysfunctions, while at the same time exploiting opportunities and ways to implement them.

Brief outline of the course:
The status, role and functions of education in human life and society. The political, social and economic objectives of education. Education, learning and social change in the context of globalisation. Macrosocial determinants of education. Current roles of education and training in modern performance and democratic society.

Recommended literature:
Domestic and foreign journal literature
Kudláčová, B.(2007) Človek a výchova v dejinách európskeho myslenia. Trnava: PdF TU
Zeus Leonardo (2010) Handbook of Cultural Politics and Education. Rotterdam, The Netherlands.

Course language:
Slovak

Notes:

Course assessment
Total number of assessed students: 201

A	B	C	D	E	FX
60.7	20.9	10.95	4.48	1.49	1.49

Provides: Mgr. Ján Ruman, PhD.

Date of last modification: 13.04.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/SV1/08	**Course name:** Social-Psychological Training 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: 3

Recommended semester/trimester of the course: 1., 3.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 158

A	B	C	D	E	FX
98.73	0.0	0.0	1.27	0.0	0.0

Provides: PhDr. Anna Janovská, PhD.

Date of last modification: 14.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPPaPZ/SV2/08	**Course name:** Social-Psychological Training 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: 3

Recommended semester/trimester of the course: 2., 4.

Course level: I.

Prerequisities: KPPaPZ/SV1/08

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 102

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

Provides: PhDr. Anna Janovská, PhD.

Date of last modification: 30.01.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ SOC/05	**Course name:** Sociology

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: 5

Recommended semester/trimester of the course: 3.

Course level: I.

Prerequisities:

Conditions for course completion:
Continuous evaluation: active participation in seminars, test
Final evaluation: Oral exam (In case of an unfavorable epidemiological situation, teaching will take place in an online environment).

Learning outcomes:
Getting acquainted with the basics of sociology as a theoretical-empirical science in an effort to create a basis for the study of other sociological and political science disciplines.

Brief outline of the course:
Origin, development, essence and subject of Sociology;
Relation of Sociology to other scientific disciplines;
Paradigms, Directions and Theories of Sociology;
Culture;
Socialization, Social status, Social role;
Deviation and Social control;
Society, Social structure, Social groups;
Social stratification, Social mobility, Social (in)equalities;
Organizations and Bureaucracy;
Social Change;
Social Institutions: Economics and Politics;
Social Institutions: Family and Religion;
Research in Sociology;

Recommended literature:
BAUMAN, Z.: Myslet sociologicky Praha: Slon, 1996.
BERGER, P. L.: Pozvání do sociologie. Praha: FMO, 1991.
BUOCOVÁ, Z.: Úvod do sociológie. Prešov: FF PU, 2006.
GIDDENS, A.: Sociologie. Praha: Argo, 1999.
HAVLÍK, R.: Úvod do sociologie. Praha: Karolinum, 2005.
JANDOUREK, J.: Úvod do sociologie. Praha: Portál, 2003.
KELLER, J.: Úvod do sociologie. Praha: Slon, 1991.
MONTONSSÉ, M.; RENNOARD, G.: Přehled sociologie. Praha: Portál, 2005.

NOVOTNÁ, E.: Základy sociologie. Praha: Grada, 2008.
PETRUSEK, M.; ALAN, J.; DUFFKOVA, J.; HAVLÍK, R.; KABELE, J.: Sociologie. Praha: SPN, 1997.
SOPÓCI, J.; BÚZIK, B.: Základy sociológie. Bratislava: SPN, 1995.
URBAN, L.: Sociologie trochu jinak. Praha: Grada, 2011.

Course language:
Slovak, Czech

Notes:

Course assessment
Total number of assessed students: 980

A	B	C	D	E	FX
39.18	27.76	17.04	9.69	4.8	1.53

Provides: doc. Mgr. Alexander Onufrák, PhD.

Date of last modification: 19.03.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KGER/ OJPV1/07	**Course name:** Specialised German Language - Natural Sciences 1

Course type, scope and the method:
Course type: Practice
Recommended course-load (hours):
Per week: 2 **Per study period:** 28
Course method: present

Number of ECTS credits: 2

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities:

Conditions for course completion:
Active participation in class and completed homework assignments. Students are allowed to miss 2 classes at the most (2x90 min.). 1 control tests during the semester and written assignments. Final grade will be calculated as follows: A 93-100 %, B 86-92%, C 79-85%, D 72-78%, E 65-71%, FX 64 % and less.

Learning outcomes:
The development of students´ language skills - reading, writing, listening, speaking, improvement of their linguistic competence - students acquire knowledge of selected phonological, lexical and syntactic aspects, development of pragmatic competence - students can efectively use the language for a given purpose, with focus on Academic English and English for specific/professional purposes - Natural Science , level B1.

Brief outline of the course:

Recommended literature:
Duden Basiswissen Schule. Abitur: Enthält die Bände Mathematik, Physik, Chemie, Biologie, Geographie, Geschichte. (2007). ISBN: 978-3411002511.
Zettl, E. et al.: Aus moderner Technik und Naturwissenschaft. Ismaning: Hueber, 2003.
Reiss, K.: Basiswissen Zahlentheorie: Eine Einführung in Zahlen und Zahlbereiche (Mathematik für das Lehramt), Springer, 2007. ISBN: 978-3540453772.
Meyer, L., Schmidt, G.- D.: Basiswissen Ausbildung: Physik. Bildungsverlag EINS, 2008. ISBN: 978-3427799337.
Duden. Schülerduden Biologie: Das Fachlexikon von A-Z. Bibliographisches Institut Berlin, 2009. ISBN: 978-3411054275.
Mortimer, Ch. E., Müller, U., Beck, J.: Chemie: Das Basiswissen der Chemie. Stuttgart: Thieme, 2014. ISBN: 978-313484311
Deutsch perfekt, GEO, MaxPlanck Forschung a iné printové a elektronické médiá

Course language:
German

Notes:

Course assessment
Total number of assessed students: 149

A	B	C	D	E	FX
24.16	23.49	24.16	20.13	7.38	0.67

Provides: Mgr. Ulrika Strömplová, PhD.

Date of last modification: 09.02.2023

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ TVa/11	**Course name:** Sports Activities 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: 1.

Course level: I., II.

Prerequisities:

Conditions for course completion:
Min. 80% of active participation in classes.

Learning outcomes:
Sports activities in all their forms prepare university students for their professional and personal life. They have a great impact on physical fitness and performance. Specialization in sports activities enables students to strengthen their relationship towards the selected sport in which they also improve.

Brief outline of the course:
Brief outline of the course:
The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling.
Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on the Tisza River) with an attractive programme, sports competitions with national and international participation.

Recommended literature:
BENCE, M. et al. 2005. Plávanie. Banská Bystrica: FHV UMB. 198s. ISBN 80-8083-140-8. [online] Dostupné na: https://www.ff.umb.sk/app/cmsFile.php?disposition=a&ID=571
BUZKOVÁ, K. 2006. Fitness jóga, harmonické cvičení těla I duše. Praha: Grada. ISBN 8024715252.
JARKOVSKÁ, H, JARKOVSKÁ, M. 2005. Posilování s vlastním tělem 417 krát jinak. Praha: Grada. ISBN 9788024757308.
KAČÁNI, L. 2002. Futbal:Tréning hrou. Bratislava: Peter Mačura – PEEM. 278s. ISBN 8089197027.
KRESTA, J. 2009. Futsal.Praha: Grada Publishing, a.s. 112s. ISBN 9788024725345.
LAWRENCE, G. 2019. Power jóga nejen pro sportovce. Brno: CPress. ISBN 9788026427902.
SNER, Wolfgang. 2004. Posilování ve fitness. České Budějovice: Kopp. ISBN 8072322141.

STACKEOVÁ, D. 2014. Fitness programy z pohledu kinantropologie. Praha: Galén. ISBN 9788074921155.
VOMÁČKO, S. BOŠTÍKOVÁ, S. 2003. Lezení na umělých stěnách. Praha: Grada. 129s. ISBN 8024721743.

Course language:
Slovak language

Notes:

Course assessment
Total number of assessed students: 15781

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
85.74	0.06	0.0	0.0	0.0	0.04	9.0	5.15

Provides: Mgr. Patrik Berta, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Mgr. Marcel Čurgali, Mgr. Alena Buková, PhD., univerzitná docentka, doc. PaedDr. Ivan Uher, MPH, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.

Date of last modification: 07.02.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ TVb/11	**Course name:** Sports Activities 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: 2.

Course level: I., II.

Prerequisities:

Conditions for course completion:
active participation in classes - min. 80%.

Learning outcomes:
Sports activities in all their forms prepare university students for their professional and personal life. They have a great impact on physical fitness and performance. Specialization in sports activities enables students to strengthen their relationship towards the selected sport in which they also improve.

Brief outline of the course:
Brief outline of the course:
The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling.
Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on the Tisza River) with an attractive programme, sports competitions with national and international participation.

Recommended literature:
BENCE, M. et al. 2005. Plávanie. Banská Bystrica: FHV UMB. 198s. ISBN 80-8083-140-8. [online] Dostupné na: https://www.ff.umb.sk/app/cmsFile.php?disposition=a&ID=571
BUZKOVÁ, K. 2006. Fitness jóga, harmonické cvičení těla I duše. Praha: Grada. ISBN 8024715252.
JARKOVSKÁ, H, JARKOVSKÁ, M. 2005. Posilování s vlastním tělem 417 krát jinak. Praha: Grada. ISBN 9788024757308.
KAČÁNI, L. 2002. Futbal:Tréning hrou. Bratislava: Peter Mačura – PEEM. 278s. ISBN 8089197027.
KRESTA, J. 2009. Futsal.Praha: Grada Publishing, a.s. 112s. ISBN 9788024725345.
LAWRENCE, G. 2019. Power jóga nejen pro sportovce. Brno: CPress. ISBN 9788026427902.
SNER, Wolfgang. 2004. Posilování ve fitness. České Budějovice: Kopp. ISBN 8072322141.

STACKEOVÁ, D. 2014. Fitness programy z pohledu kinantropologie. Praha: Galén. ISBN 9788074921155.
VOMÁČKO, S. BOŠTÍKOVÁ, S. 2003. Lezení na umělých stěnách. Praha: Grada. 129s. ISBN 8024721743.

Course language:
Slovak language

Notes:

Course assessment
Total number of assessed students: 13799

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
83.85	0.49	0.01	0.0	0.0	0.04	11.17	4.43

Provides: Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Marcel Čurgali, Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Mgr. Alena Buková, PhD., univerzitná docentka, doc. PaedDr. Ivan Uher, MPH, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.

Date of last modification: 07.02.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ TVc/11	**Course name:** Sports Activities 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: 3.

Course level: I., II.

Prerequisities:

Conditions for course completion:
min. 80% of active participation in classes

Learning outcomes:
Sports activities in all their forms prepare university students for their professional and personal life. They have a great impact on physical fitness and performance. Specialization in sports activities enables students to strengthen their relationship towards the selected sport in which they also improve.

Brief outline of the course:
Brief outline of the course:
The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling.
Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on the Tisza River) with an attractive programme, sports competitions with national and international participation.

Recommended literature:
BENCE, M. et al. 2005. Plávanie. Banská Bystrica: FHV UMB. 198s. ISBN 80-8083-140-8. [online] Dostupné na: https://www.ff.umb.sk/app/cmsFile.php?disposition=a&ID=571
BUZKOVÁ, K. 2006. Fitness jóga, harmonické cvičení těla I duše. Praha: Grada. ISBN 8024715252.
JARKOVSKÁ, H, JARKOVSKÁ, M. 2005. Posilování s vlastním tělem 417 krát jinak. Praha: Grada. ISBN 9788024757308.
KAČÁNI, L. 2002. Futbal:Tréning hrou. Bratislava: Peter Mačura – PEEM. 278s. ISBN 8089197027.
KRESTA, J. 2009. Futsal.Praha: Grada Publishing, a.s. 112s. ISBN 9788024725345.
LAWRENCE, G. 2019. Power jóga nejen pro sportovce. Brno: CPress. ISBN 9788026427902.
SNER, Wolfgang. 2004. Posilování ve fitness. České Budějovice: Kopp. ISBN 8072322141.

STACKEOVÁ, D. 2014. Fitness programy z pohledu kinantropologie. Praha: Galén. ISBN 9788074921155.
VOMÁČKO, S. BOŠTÍKOVÁ, S. 2003. Lezení na umělých stěnách. Praha: Grada. 129s. ISBN 8024721743.

Course language:
Slovak language

Notes:

Course assessment
Total number of assessed students: 9334

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
87.96	0.06	0.01	0.0	0.0	0.02	4.92	7.03

Provides: Mgr. Marcel Čurgali, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Mgr. Alena Buková, PhD., univerzitná docentka, doc. PaedDr. Ivan Uher, MPH, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.

Date of last modification: 07.02.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ TVd/11	**Course name:** Sports Activities IV.

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: I., II.

Prerequisities:

Conditions for course completion:
min. 80% of active participation in classes

Learning outcomes:
Sports activities in all their forms prepare university students for their professional and personal life. They have a great impact on physical fitness and performance. Specialization in sports activities enables students to strengthen their relationship towards the selected sport in which they also improve.

Brief outline of the course:
Brief outline of the course:
The Institute of physical education and sport at the Pavol Jozef Šafárik University offers 20 sports activities aerobics; aikido, basketball, badminton, body-balance, body form, bouldering, floorball, yoga, power yoga, pilates, swimming, fitness, indoor football, SM system, step aerobics, table tennis, chess, volleyball, tabata, cycling.
Additionally, the Institute of physical education and sport at the Pavol Jozef Šafárik University offers winter courses (ski course, survival) and summer courses (aerobics by the sea, rafting on the Tisza River) with an attractive programme, sports competitions with national and international participation.

Recommended literature:
BENCE, M. et al. 2005. Plávanie. Banská Bystrica: FHV UMB. 198s. ISBN 80-8083-140-8. [online] Dostupné na: https://www.ff.umb.sk/app/cmsFile.php?disposition=a&ID=571
BUZKOVÁ, K. 2006. Fitness jóga, harmonické cvičení těla I duše. Praha: Grada. ISBN 8024715252.
JARKOVSKÁ, H, JARKOVSKÁ, M. 2005. Posilování s vlastním tělem 417 krát jinak. Praha: Grada. ISBN 9788024757308.
KAČÁNI, L. 2002. Futbal:Tréning hrou. Bratislava: Peter Mačura – PEEM. 278s. ISBN 8089197027.
KRESTA, J. 2009. Futsal.Praha: Grada Publishing, a.s. 112s. ISBN 9788024725345.
LAWRENCE, G. 2019. Power jóga nejen pro sportovce. Brno: CPress. ISBN 9788026427902.
SNER, Wolfgang. 2004. Posilování ve fitness. České Budějovice: Kopp. ISBN 8072322141.

STACKEOVÁ, D. 2014. Fitness programy z pohledu kinantropologie. Praha: Galén. ISBN 9788074921155.
VOMÁČKO, S. BOŠTÍKOVÁ, S. 2003. Lezení na umělých stěnách. Praha: Grada. 129s. ISBN 8024721743.

Course language:
Slovak language

Notes:

Course assessment
Total number of assessed students: 5845

abs	abs-A	abs-B	abs-C	abs-D	abs-E	n	neabs
82.53	0.27	0.03	0.0	0.0	0.0	8.25	8.91

Provides: Mgr. Marcel Čurgali, Mgr. Agata Dorota Horbacz, PhD., Mgr. Dávid Kaško, PhD., Mgr. Patrik Berta, Mgr. Ladislav Kručanica, PhD., Mgr. Richard Melichar, Mgr. Petra Tomková, PhD., Mgr. Alena Buková, PhD., univerzitná docentka, doc. PaedDr. Ivan Uher, MPH, PhD., prof. RNDr. Stanislav Vokál, DrSc., Mgr. Zuzana Küchelová, PhD., Mgr. Ferdinand Salonna, PhD.

Date of last modification: 07.02.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚBEV/ SVK/01	**Course name:** Student 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.	
Prerequisities:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	
Course assessment Total number of assessed students: 31	

abs	n
100.0	0.0

Provides:
Date of last modification: 30.11.2021
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚFV/ DGS/21	**Course name:** Students` Digital 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: I.

Prerequisities:

Conditions for course completion:
Summary evaluation based on ongoing assessment:
1. Practical ongoing assignments and their defense (at least 50% needed)
3. Active participation during face-to-face contact learning in classical or virtual classroom (3 absences allowed) and during online learning (no absence, uploading all individual ongoing assignments)

Learning outcomes:
The student should obtain and know to apply basic knowledge and skills in working with current digital technologies (mobile phone, tablet, laptop, web technologies):
1. according to the current European framework for the Digital competence DigComp and ECDL
2. for better and more effective learning, work and active life in higher education, later lifelong learning and further career prospects.

Brief outline of the course:
01.-02. Basic digital skills, DigComp framework, ECDL
- modern web browser and its personalization
- security, privacy, responsible use of DT
03.-05. Search, collection and evaluation of digital content
- scanning, audio recording and speech resolution, optical resolution (OCR)
- digital notebooks (Google keep, Evernote, Onenote)
- evaluation of digital resources (Google forms and sections)
06.-08. Editing and creating digital content
- cloud and interactive documents
(text and spreadsheet editors - Google, Microsoft, Jupyter)
- work with pdf documents, e-books and videos
(Kami, Google books, Screencasting)
09. - 10. Organization, protection and sharing of digital content
- modern LMS and cloud storage
(Google Classroom, Microsoft team, Google Drive, Dropbox)
- time management (Google Calendar)
11.-13. Digital communication and cooperation

- collaborative interactive whiteboards (Jamboard, Whiteboard)
- online presentations and online meetings
(Google presentations, Powerpoint, Google meet, Microsoft teams)

Recommended literature:

1. Carretero Gomez, S., Vuorikari, R. and Punie, Y., DigComp 2.1: The Digital Competence Framework for Citizens with eight proficiency levels and examples of use, Luxembourg, 2017, ISBN 978-92-79-68006-9, https://www.ecdl.sk/
2. Bruff, D. (2019). Intentional Tech: Principles to Guide the Use of Educational Technology in College Teaching (1st edition). Morgantown: West Virginia University Press.
3. Baker, Y. (2020). Microsoft Teams for Education. Amazon Digital Services.
4. Miller, H. (2021). Google Classroom + Google Apps: 2021 Edition. Brentford: Orion Edition Limited.

Course language:
slovak

Notes:

Course assessment
Total number of assessed students: 245

A	B	C	D	E	FX
76.33	5.31	2.86	0.0	14.69	0.82

Provides: doc. RNDr. Jozef Hanč, PhD.

Date of last modification: 26.01.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚTVŠ/ LKSp/13	**Course name:** Summer Course-Rafting of TISA River

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:

Course level: I., II.

Prerequisities:

Conditions for course completion:
Completion: passed
Condition for successful course completion:
- active participation in line with the study rule of procedure and course guidelines
- effective performance of all tasks: carrying a canoe, entering and exiting a canoe, righting a canoe, paddling

Learning outcomes:
Content standard:
The student demonstrates relevant knowledge and skills in the field, which content is defined in the course syllabus and recommended literature.
Performance standard:
Upon completion of the course students are able to meet the performance standard and:
- implement the acquired knowledge in different situations and practice,
- implement basic skills to manipulate a canoe on a waterway,
- determine the right spot for camping,
- prepare a suitable material and equipment for camping.

Brief outline of the course:
Brief outline of the course:
1. Assessment of difficulty of waterways
2. Safety rules for rafting
3. Setting up a crew
4. Practical skills training using an empty canoe
5. Canoe lifting and carrying
6. Putting the canoe in the water without a shore contact
7. Getting in the canoe
8. Exiting the canoe
9. Taking the canoe out of the water
10. Steering
a) The pry stroke (on fast waterways)
b) The draw stroke

11. Capsizing
12. Commands

Recommended literature:
1. JUNGER, J. et al. Turistika a športy v prírode. Prešov: FHPV PU v Prešove. 2002. ISBN 8080680973.
Internetové zdroje:
1. STEJSKAL, T. Vodná turistika. Prešov: PU v Prešove. 1999.
Dostupné na: https://ulozto.sk/tamhle/UkyxQ2lYF8qh/name/Nahrane-7-5-2021-v-14-46-39#!ZGDjBGR2AQtkAzVkAzLkLJWuLwWxZ2ukBRLjnGqSomICMmOyZN==

Course language:
Slovak language

Notes:

Course assessment
Total number of assessed students: 232

abs	n
36.64	63.36

Provides: Mgr. Dávid Kaško, PhD.

Date of last modification: 29.03.2022

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ SYP/21	**Course name:** Systems of Psychology

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: 4

Recommended semester/trimester of the course: 1., 3.

Course level: I.

Prerequisities:

Conditions for course completion:
Written exam (max 100 points). It is necessary to obtain at least 90 points to obtain the A rating, 80-89 points to obtain the B rating, 70 to 79 points to obtain the C rating, 60 to 69 points to obtain the D rating and 51 to 59 points to obtain the E rating. Credits will not be awarded to a student who obtains less than 51 points from the written exam.
The information will be yearly specified on the electronic noticeboard of the course in AiS2, aleternatively in LMS UPJŠ or MS Teams environment.

Learning outcomes:
The aim is to acquaint students with the development of psychological thinking with emphasis on the main psychological directions and their representatives. The student will acquire a basic orientation in the main psychological directions of the 20th century and current directions of psychology, through their basic theories, research as well as connection to a broader context.
The information will be yearly specified on the electronic noticeboard of the course in AiS2, aleternatively in LMS UPJŠ or MS Teams environment.

Brief outline of the course:
Brief syllabus:
1 Introduction to the study of history and systems of psychology,
2 The influence of philosophy and physiology on modern psychology.
3 The beginnings of modern psychology as a separate scientific discipline.
4 Structuralism in psychology.
5 Functionalism in psychology - CH. Darwin, W. James and his system of psychology, Chicago School J. Dewey. R. S. Woodworth.
6 Russian reflexology and associationism - predecessors of behaviorism.
7 Behaviourism, J.B Watson
8 Skinner's behaviorism and neo-neobehaviorizmus.
9 Gestalt psychology.
10 Psychoanalysis: Freud S. Predecessors of psychoanalysis.
11 Neofreudism: ego psychology A. Freud, analytical psychology of C.G. Jung.
12 Individual psychology - A. Adler, K. Horney, Fromm E, H. Sullivan.
12, Humanistic psychology.

13 Cognitive psychology.
14 Effects of postmodern thinking in psychology. Critical psychology, its main ideas and leaders.
15 Social constructivism J. Shotter and K. J. Gergen. Psychology of discourse and narrative psychology
The information will be yearly specified on the electronic noticeboard of the course in AiS2, aleternatively in LMS UPJŠ or MS Teams environment.

Recommended literature:
Hunt, M.: Dejiny psychológie, Portál, Praha, 2000;
Plháková, A.: Dejiny psycholoie, Grada, 2006;
Hoskovec, J., Hoskovcová, S.: Stručné dejiny stredoeurópskej psychológie. Portál, Praha, 2000
Hergenhahn, B. R. (2001). An introduction to the history of psychology (4th ed.). Wadsworth/ Thomson Learning.

Course language:

Notes:

Course assessment
Total number of assessed students: 1081

A	B	C	D	E	FX
16.74	22.94	27.84	18.13	8.97	5.37

Provides: Mgr. René Šebeňa, PhD., univerzitný docent

Date of last modification: 15.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

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: 6.

Course level: I., II.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 65

A	B	C	D	E	FX
83.08	9.23	6.15	0.0	0.0	1.54

Provides: doc. PaedDr. Renáta Orosová, PhD.

Date of last modification: 12.03.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/ECo-C1/14	**Course name:** Team Work
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: 4	
Recommended semester/trimester of the course: 4., 6.	
Course level: I.	
Prerequisities:	
Conditions for course completion:	
Learning outcomes:	
Brief outline of the course:	
Recommended literature:	
Course language:	
Notes:	

Course assessment
Total number of assessed students: 170

abs	n
98.24	1.76

Provides: PhDr. Anna Janovská, PhD.
Date of last modification: 03.02.2025
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ ZKP/06	**Course name:** The Fundamentals of Clinical 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: 6

Recommended semester/trimester of the course: 3., 5.

Course level: I.

Prerequisities: KPPaPZ/VPMOS/16 or KPS/VP1/05

Conditions for course completion:
Maximum 40 points per semester
Semester 40%,
exam 60% - oral form
Result mark
Sum of points from semester and exam:
A 90 – 100
B 80 – 89
C 70 – 79
D 60 – 69
E 51 – 59
FX 50 and less
The information will be yearly specified on the electronic noticeboard of the course in AiS2, aleternatively in LMS UPJŠ or MS Teams environment.

Learning outcomes:
Knowledge: The course will offer the major theories explaining the nature of health, illness, disorder, and disadaptation. The graduate will acquire the basic knowledge needed in clinical psychology, and in working with patients.
Skills: The student will acquire the practical skills necessary to work as a clinical psychologist, especially in the area of basic psychodiagnostics and clinical-psychological interviewing. The student will be able to distinguish basic taxative units of categories of psychological disorders, he/she will be able to solve ethical dilemmas in clinical psychology, he/she will be able to conduct a clinical-psychological interview, he/she will be able to collect anamnestic data from a patient.
Competencies:
(a) Demonstrate the following knowledge:
- Characteristics and scope of clinical psychology,
- (a) the conditions of undergraduate and postgraduate education in clinical psychology,
- the specific features of clinical research
- biopsychosocial approach to the treatment of psychological disorders,
- basic classification systems and diagnostic criteria of psychological disorders,
(b) apply their knowledge to

- administer basic psychodiagnostic tests in clinical psychology,
- specification of psychodiagnostics in clinical psychology,
- decision making in psychological intervention of psychological disorders,
- making ethical decisions in clinical psychology

The information is updated annually on the electronic course bulletin board in AiS2, alternatively in the UPJŠ LMS or the MS Teams environment.

Brief outline of the course:

1. The subject of clinical psychology, its position in the system of psychological sciences
2. History of the development of clinical psychology, history of clinical psychology in our country, important personalities in contemporary clinical psychology
3. Practical issues of the work of a clinical psychologist: prevention, crisis intervention, clinical-psychological interview, ethics in clinical psychology
4. Psychopharmacotherapy - overview, effect
5. The methodology of research and individual approach in clinical psychology
6. Systems of classification in psychiatry (ICD-10,DSM-V).
7. Clinical psychological methods in a/ anxiety disorders, b/affective disorders, c/ psychotic disorders, d/ addictions, e/ eating disorders, f/ organic mental disorders, g/ personality disorders. Basic psychotherapeutic strategies – review. Crisis interventions, suicidology.
8. Psychology of the sonmatic disease - change of needs, psychological correlates of pain, communication with the patient
9. Psychodiagnostics in clinical psychology - clinical and test methods
10. Personal history and its place in clinical psychology - specifics for adult and pediatric patients

The students will get theoretical background, examples and tips from practice, experience for yourself.

The information will be yearly specified on the electronic noticeboard of the course in AiS2, aleternatively in LMS UPJŠ or MS Teams environment.

Recommended literature:

Hricová, M. (2022). Úvod do klinickej psychológie. Košice: UPJŠ.
Heretik, A., Heretik, A., a spol. (2016). Klinická psychológia, Nové Zámky: Psychoprof.
Trull, T.J., Prinstein, M. (2012). Clinical psychology. Wadsworth: Cengage Learning.

Course language:

Slovak, English

Notes:

Course assessment

Total number of assessed students: 848

A	B	C	D	E	FX
41.98	27.48	17.22	8.14	2.95	2.24

Provides: doc. Mgr. Monika Hricová, PhD., Mgr. Adam Pekarčík

Date of last modification: 05.11.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ ZPOP/21	**Course name:** The Fundamentals of Counselling 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: 6

Recommended semester/trimester of the course: 3., 5.

Course level: I.

Prerequisities: KPS/VP2/06 or KPS/VP2/25 or KPPaPZ/VPMOS/16

Conditions for course completion:
1.Active approach at classes (12 points)
2. Written assignments (12 points)
3. Written tests (36 points)
3. Final exam (40 points). Components: a) Final test in the form of written test.
Prerequisites and co-requisites: Continuous assessment 60%, at least 36 points; final evaluation 40%, min. 24 points.
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:
1. Knowledge of counselling psychology about the main approaches of counselling, models of counselling, the process of counselling, the counselling relationship, the main application areas of counselling.
2. Skills like the ability to establish a counselling relationship, to acquire the basic competencies of conducting a counselling interview with a client.
3. Ability to critically evaluate different counselling approaches, ability to choose an appropriate counselling approach to the client and ethical attitude to the application of knowledge and work with the client.
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:
Practice of each part of counselling process: Helping as a road. Counselling relationship. Cultural background and counselling relationship. Skills for creating the contact/relationship. The ability to reflect: paraphrasing. Reflection: emotions, feelings. Advanced reflection: reflection of the meaning, summarizing. Confrontation. Evaluation and setting the goals. Techniques supporting the change I. Techniques supporting the change II: Interventions and actions. Final evaluation and closing the counselling relationship.

Recommended literature:
Mesárošová, M. a kol.: Starostlivosť o seba u pomáhajúcich profesií. Košice, Vydavateľstvo Šafarik Press, 2019.

Smitkova, Hana & Orlická, Lucia & Bilíková, Erika & Cagáň, Roland & Celušáková, Hana & Čech, Boris & Halamova, Julia & Hambálek, Vladimír & Jašeková, Dominika & Kašáková, Jana & Klubert, Peter & Kolejáková, Veronika & Kuricová, Veronika & Lednická, Jana & Lenicka, Lucia & Mikoska, Petr & Ondrušek, Dušan & Palenikova, Viera & Pilárik, Ľubomír & Wolt, Richard. (2024). Poradenská psychológia a jej využitie v praxi Counselling psychology and its use in practice.

Course language:
Slovak language

Notes:

Course assessment
Total number of assessed students: 963

A	B	C	D	E	FX
18.28	23.16	29.08	18.17	10.28	1.04

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

Date of last modification: 09.09.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPS/ ZPSP/06	**Course name:** The Fundamentals of Psychology of Work

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., 5.

Course level: I.

Prerequisities:

Conditions for course completion:
During semester:
-Credit test (20p), minimum 11p
- Semester assignment - essay (20p), minimum 11p, for detailed information please see electronic noticeboard.
Overall evaluation:
- Semester maximum 40 points (minimum 22p), exam 60 points (minimum 31p)
- together min. 53p
The information will be yearly specified on the electronic noticeboard of the course in AiS2, aleternatively in LMS UPJŠ or MS Teams environment.

Learning outcomes:
Aim of study is to give the opportunity to students to familiarize with basic knowledge from applied field of psychology – work psychology. During the semester, focus is on meaning of job, work conditions, relationships on workplace and interaction between work and family. Besides, students can capture basic skills needed for execution of selected job areas of work psychologist.
During semester students will obtain knowledge in:
- history and development of work psychology, meaning of work in human life
- unemployment and options how to work with unemployed people
- workplace environment and possible negative consequences of it on people´s mental health
- job and organization adaptation
- job satisfaction and interaction between work and family
- basic psychodiagnostics methods used in work psychology
Besides, students can obtain skills in:
- analysis of physical work environment with focus on it´s psychological effect on employee
- preparation of adaptation program
- solving negative consequences of work environment
- setting of work environment design in order to avoid work-family conflicts
- work with selected psychodiagnostics methods
Over the course of the semester, they will acquire the following competencies:
- effective communication
- analysis of the work environment and setting up interventions

- working with the unemployed
- working with negative phenomena in the workplace
The information will be yearly specified on the electronic noticeboard of the course in AiS2, aleternatively in LMS UPJŠ or MS Teams environment.

Brief outline of the course:
Definition of work psychology, historical preconditions of constitution of work psychology, work and her conditions, work performance, motivation to work and work satisfaction, forming of work environment, relationships on workplace, job-family interaction

Recommended literature:
Dean, L., Cousans, F. (2023) Work Psychology (The Basics). Rouledge.
Rothmann, S., Cooper, C. L., & Rothmann, S. (2022). Work and organizational psychology (Third Edition). Routledge, Taylor & Francis Group.
Schmitt, N., & Weiner, I. B. (Eds.). (2013). Industrial and organizational psychology (2. ed). Wiley.
Muchinsky, P. M. (2006). Psychology applied to work: An introduction to industrial and organizational psychology (8th ed). Thomson/Wadsworth.
Levy, P. E. (Paul E. (2017). Industrial/organizational psychology: Understanding the workplace. Worth Publishers, Macmillan Learning.
Arnold, J., & Randall, R. (2016). Work psychology: Understanding human behaviour in the workplace (Sixth Edition). Pearson.

Course language:
Slovak, English

Notes:
Lectures and activities are adapted to both, physically present and distance form of education. For further information and current changes in the form of teaching (distance vs. full-time), please see electronic noticeboard.

Course assessment
Total number of assessed students: 873

A	B	C	D	E	FX
34.71	30.58	18.9	10.42	4.81	0.57

Provides: doc. Ing. Mgr. Jozef Bavoľár, PhD., PhDr. Katarína Kušnírová, PhD.

Date of last modification: 13.01.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: KPE/ TVE/08	**Course name:** Theory of Education

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., 6.

Course level: I.

Prerequisities:

Conditions for course completion:

Learning outcomes:

Brief outline of the course:

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 692

A	B	C	D	E	FX
44.94	29.91	16.33	5.06	1.88	1.88

Provides: Mgr. Beáta Sakalová, PhD., Mgr. Zuzana Vagaská, PhD.

Date of last modification: 12.03.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: KPPaPZ/TPPM/19	**Course name:** Theory of psychdiagnostics and psychometrics for inter-disciplinary study program

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: 5.

Course level: I.

Prerequisities: KPPaPZ/USMM/19

Conditions for course completion:
Assessment of Study Results:
The evaluation of study results for the course is based on a combination of continuous assessment from two semester assignments and a third assignment, which constitutes the final exam. The final grade is determined by the following components: active participation in seminars (a maximum of 2 absences is allowed) – 20%, first assignment – 20%, second assignment – 40%, and third assignment – 30%. Submission of all three assignments and obtaining at least half of the points for each assignment is required.
Final Grading Scale:
A: 100 – 90%
B: 89 – 80%
C: 79 – 70%
D: 69 – 60%
E: 59 – 50%
FX: 49% or less – failed and must revise the assignment with a low score.

Learning outcomes:
Knowledge: Students will acquire basic knowledge of psychological measurement, including the principles of measurement and scaling, characteristics of psychodiagnostic methods, and test theories. They will learn the fundamentals of test construction, item analysis, reliability and validity assessment, as well as normalization and norm creation. These insights will enable them to apply psychodiagnostic tools in practice, not only in clinical settings but also in educational environments, such as in assessing and supporting student development.
Skills: Students will learn to critically evaluate and interpret data obtained through psychological and psychodiagnostic tools. They will master basic procedures for test construction and item analysis, with the ability to apply these skills in school settings, for example, in creating tools for student assessment or supporting their individual development.
Competencies: Graduates will be able to effectively apply psychological knowledge and diagnostic tools in various areas of practice, including educational settings. They will be prepared to responsibly and ethically use psychodiagnostic methods, contributing to individual development and improving the quality of the educational process.

Brief outline of the course:
Psychometrics and Definition of Basic Terms:
Introduction to measurement and scaling in psychology.
Topics Covered:
Types of tests and their characteristics.
Types of variables in psychometrics.
Characteristics of psychodiagnostic methods.
Psychological test theories: classical test theory and contemporary models.
Introduction to test construction and item analysis.
Reliability and methods of its assessment.
Validity and sources of evidence for validity.
Normalization and norms.
Responsible research practices and issues in measurement.
Ethics in psychodiagnostics.

Recommended literature:
Džuka, J. (2006). Základy psychometrie a teórie testov. Prešov.
Urbánek, T., Denglerová, D., & Širuček, J. (2011). Psychometrika. Praha: Portál.
Říčan, P. (1977). Základy psychometrie. Bratislava: Psychodiagnostika.
Ferjenčík, J. (2006). Základy štatistických metód v sociálnych vedách. Košice: UPJŠ.
Martončik, M. (2019). Validita merania v sociálnych vedách. Prešovská univerzita v Prešove.
Cohen, R. J., Schneider, W. J., & Tobin, R. (2021). Psychological testing and assessment: An introduction to tests and measurements (10th ed.). McGraw Hill.
Furr, R. M. (2021). Psychometrics: An introduction (4th ed.). SAGE Publications, Inc.

Course language:

Notes:

Course assessment
Total number of assessed students: 154

A	B	C	D	E	FX
64.94	15.58	11.04	4.55	3.9	0.0

Provides: doc. Mgr. Gabriel Baník, PhD.

Date of last modification: 04.02.2025

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ ZOG1/03	**Course name:** Zoogeography

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:

Course level: I., II.

Prerequisities:

Conditions for course completion:
Active participation in seminars.
Preparation of oral presentation to a selected topic.
Completion of two semestral written examinations.
Oral examination.

Learning outcomes:
The main goal of the subject is to get knowledge on the basic reasons of recent distribution of the animals on the Earth, zoogeographic regionalization of the Earth´s surface and human influence on the faunal distribution in the history.

Brief outline of the course:
This course will review our current understanding of the patterns of animal distribution and the processes that influence distributions of species and their attributes. Zoogeography will integrate information on the historical and current ecology, genetics, and physiology of animals and their interaction with environmental processes (continental drift, climate) in regulating geographic distributions. The course will emphasize descriptive and analytical approaches useful in hypothesis testing in zoogeography and will illustrate applied aspects of zoogeography (e.g. refuge design in conservation).

Recommended literature:
Buchar, J., 1983: Zoogeografie. SPN Praha
Darlington, P.J., 1998: Zoogeography: The geographical distribution of animals. Krieger, USA
Lomolino M.V., Brown J.H., Riddle B. R., 2005: Biogeography. Sinauer Associates, 1-845
Plesník, P., Zatkalík, F., 1996: Biogeografia. Vysokoškolské skriptá, PríFUK Bratislava

Course language:

Notes:

Course assessment
Total number of assessed students: 1033

A	B	C	D	E	FX
25.56	23.14	23.43	18.49	7.74	1.65

Provides: prof. RNDr. Ľubomír Kováč, CSc., RNDr. Natália Raschmanová, PhD., univerzitná docentka

Date of last modification: 10.12.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚBEV/ ZO1/03	**Course name:** Zoology I

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: I.

Prerequisities: ÚBEV/PMZ/10

Conditions for course completion:
The condition for passing the subject is active participation in mandatory exercises, completion of all interim assessments during the exercises and successful completion of the final exam.
After successfully completing the exercises, students proceed to the final exam, bringing with them points from the exercises that make up 40% of the final grade. Students receive 60% of the final grade from the final oral exam.
Continuous evaluations during the exercises are: a test on zoological terms (knowing how to define selected terms; the list is published at the beginning of the semester), recognizing animals according to the picture (assign the Slovak and scientific genus and species name to the depicted animal and classify it into a class or series; the list of animals is published at the beginning of the semester, the students' task is to find the correct animal pictures for the names and learn to name the animal according to the picture). Students have one correction period for the paper and animal knowledge. All interim assessments are scored. The maximum number of points from the exercises is 40, while the student must obtain at least 28 points to pass the exercises.
If students get less than 28 points from the interim evaluations in the exercises, they have not completed the exercises and must enroll in the subject again in the next academic year. If the students get at least 28 points, they have successfully completed the exercises and can register for the final exam, bringing with them the points from the exercises, which make up 40% of the final grade.
The exam is always oral. Specific exam dates will be posted in AIS2 at the end of the semester. More detailed information on the types of questions on the exam is published in the Moodle course for the subject. Students get 60% of the final grade from the exam.
Point limits for individual grades:
A - 100.0-93.0 points
B - 92.9-86.0 points
C - 85.9-79.0 points
D - 78.9-72.0 points
E - 71.9-65.0 points
FX - less than 65 points

Learning outcomes:

Students will gain knowledge of the systematic classification and phylogenetic relationships of the higher groups of non-chordates, knowledge of their morphology, anatomy, mode of reproduction, biology and geographic distribution.

Brief outline of the course:

1. Fundamentals of the history of zoology.
System, anatomy, morphology, development, phylogenetic relationships and exemplary species of selected groups of invertebrates:
2. Porifera, Cnidaria, Ctenophora
3. Platyhelminthes, Rotifera, Acantocephala
4. Entoprocta, Ectoprocta, Cycliophora
5. Mollusca, Annelida
6. Nematode, Onychophora, Tardigrad
7. Arthropoda - Chelicerata
8. Arthropoda - Myriapoda
9. Arthropoda - Crustacea (Branchiata)
10. Arthropoda - Hexapoda / Entogantha
11. Arthropoda - Hexapoda / Insecta Heterometabola
12.Arthropoda - Hexapoda / Insecta Holometabola
13. Deusterostomia - Echinodermata

Recommended literature:

Course language:

Notes:

If necessary, students have the opportunity to consult with the lecturer. Unless otherwise stated at the first lecture, consultations take place every Wednesday between 10:00 and 11:00. If the date is not convenient for someone, it is advisable to arrange a consultation date individually by contacting the lecturer by email (peter.luptacik@upjs.sk).

Course assessment

Total number of assessed students: 1355

A	B	C	D	E	FX
8.71	16.53	22.29	21.85	22.73	7.9

Provides: RNDr. Peter Ľuptáčik, PhD., RNDr. Andrea Rendošová, PhD.

Date of last modification: 21.02.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice	
Faculty: Faculty of Science	
Course ID: ÚBEV/ ZO1/15	**Course name:** Zoology I

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: 3.

Course level: I.

Prerequisities: ÚBEV/PMZ/10

Conditions for course completion:
The condition for passing the course is active participation in mandatory exercises, completion of all interim assessments during the exercises and successful completion of 3 interim tests on topics currently covered in lectures.
Continuous evaluations during the exercises are: a test on zoological terms and determination of animals according to the picture. To successfully complete the exercises, students must obtain at least 28 out of a maximum of 40 points.
Mid-term tests from the lectures will be written using the Moodle environment. There are no correction dates for these tests. Students earn points for each test.
The final grade for the subject is determined by adding up the points from the exercises and the points from the tests within lecture topics, with the points from the exercises making up 40% and the points from the tests making up 60% of the final grade.
Continuous evaluations during the exercises are: a test on zoological terms (know how to define selected terms; the list is published at the beginning of the semester), determnation of animals according to the picture (assign the Slovak and scientific genus and species name and classify them into a class or series; the list of animals is published at the beginning semester, the students' task is to find the correct animal pictures for the names and learn to name the animal according to the picture). Students have one correction period for the test of terms and one of animal determination. All interim assessments are scored.
In addition to the points from the exercises, the points obtained for the 3 mid-term tests from the content of the teached topics will also be reflected in the final grade for the subject. Test dates will be announced at the first lecture and will also be listed in the Moodle course for the subject. For tests, taxonomic classification needs to be controlled to the level of classes, for insects to the level of orders.
By adding up all the points from the interim evaluation within the exercises and tests from the previous lectures, the final grade for the subject is determined.
Point limits for individual grades:
A - 100.0-93.0 points
B - 92.9-86.0 points
C - 85.9-79.0 points
D - 78.9-72.0 points

E - 71.9-65.0 points
FX - less than 65 points

Learning outcomes:
Students will gain knowledge of the systematic classification and phylogenetic relationships of the higher groups of non-chordates, knowledge of their morphology, anatomy, mode of reproduction, biology and geographic distribution.

Brief outline of the course:
1. Fundamentals of the history of zoology.
System, anatomy, morphology, development, phylogenetic relationships and exemplary species of selected groups of invertebrates:
2. Porifera, Cnidaria, Ctenophora
3. Platyhelminthes, Rotifera, Acantocephala
4. Entoprocta, Ectoprocta, Cycliophora
5. Mollusca, Annelida
6. Nematode, Onychophora, Tardigrad
7. Arthropoda - Chelicerata
8. Arthropoda - Myriapoda
9. Arthropoda - Crustacea (Branchiata)
10. Arthropoda - Hexapoda / Entogantha
11. Arthropoda - Hexapoda / Insecta Heterometabola
12.Arthropoda - Hexapoda / Insecta Holometabola
13. Deusterostomia – Echinodermata

Recommended literature:

Course language:

Notes:
If necessary, students have the opportunity to consult with the lecturer. The exact date has not been set. Consultations must be arranged individually with the lecturer at the email address peter.luptacik@upjs.sk.

Course assessment
Total number of assessed students: 361

A	B	C	D	E	FX
8.59	19.39	22.44	24.38	17.17	8.03

Provides: RNDr. Peter Ľuptáčik, PhD., RNDr. Andrea Rendošová, PhD.

Date of last modification: 21.02.2024

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ZOO1/15	**Course name:** Zoology 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: 4

Recommended semester/trimester of the course: 4.

Course level: I.

Prerequisities: ÚBEV/PMZ/10

Conditions for course completion:

Learning outcomes:
Fundamental information on taxonomy and morphology of vertebrates

Brief outline of the course:
Systematic and phylogenetic relationships of vertebrate. Review of important groups of fishes, amphibians, reptiles, bidrs and mammals. 1. Introduction 2. Chordata, Protochordata 3. Verrtebrata introduction 4. Agnatha 5. Chondrichthyes 6. Osteognathostomata 7. Actinopterygii 8. Sarcopterygii 9. Tetrapoda 10. Lissamphibia 11. Reptilia 12. Aves 13. Mammalia

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 274

A	B	C	D	E	FX
1.46	19.34	30.66	18.61	18.61	11.31

Provides: doc. RNDr. Marcel Uhrin, PhD., univerzitný profesor, RNDr. Monika Balogová, PhD.

Date of last modification: 20.09.2021

Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor

COURSE INFORMATION LETTER

University: P. J. Šafárik University in Košice

Faculty: Faculty of Science

Course ID: ÚBEV/ZOO1/03	**Course name:** Zoology 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: 4.

Course level: I.

Prerequisities: ÚBEV/PMZ/10

Conditions for course completion:

Learning outcomes:
Fundamental information on taxonomy and morphology of vertebrates

Brief outline of the course:
Systematic and phylogenetic relationships of vertebrate. Review of important groups of fishes, amphibians, reptiles, bidrs and mammals.
1. Introduction
2. Chordata, Protochordata
3. Verrtebrata introduction
4. Agnatha
5. Chondrichthyes
6. Osteognathostomata
7. Actinopterygii
8. Sarcopterygii
9. Tetrapoda
10. Lissamphibia
11. Reptilia
12. Aves
13. Mammalia

Recommended literature:

Course language:

Notes:

Course assessment
Total number of assessed students: 1169

A	B	C	D	E	FX
21.98	29.0	18.91	14.97	9.32	5.82

Provides: doc. RNDr. Marcel Uhrin, PhD., univerzitný profesor, RNDr. Monika Balogová, PhD.

Date of last modification: 20.09.2021
Approved: doc. PhDr. Beata Gajdošová, PhD., doc. RNDr. Peter Pristaš, CSc., univerzitný profesor