COURSE INFORMATION SHEET

STUDY PROGRAM: Geography and Land Management

Degree: First

English version

University Name: University of Prešov in Prešov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKSPR/24	**Course title:** Administrative law

Type, load and method of training activities:
Total number of lessons: 90 hours
Number of contact lessons: 20 hours

- Lectures: 1 lesson per week = 10 hours
- Seminar: 1 lesson per week = 10 hours
- Self-study, preparation of seminar work, preparation for the exam: 70 hours

Method: combined

Number of Credits: 3

Recommended term of study: 4st term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:
On-going evaluation: Processing and handing in assigned tasks according to the teacher's instructions in a satisfactory condition.
Final assessment: Final written test, or oral examination. To get an A (excellent) grade, the student must get at least 90%, for B grades 80%, for C grades at least 70%, for D grades 60%, for E grades at least 50%. A student who obtains less than 50% will be graded FX. In the case of an oral examination, he must master the subject at least 50%, otherwise he is classified as FX. The percentage score range for the final written test remains valid for the oral examination as well.

Credits will not be awarded to a student who does not submit all seminar assignments according to the time schedule or write the final test on FX.

Educational Outcomes: By the end of the course, students will be able to:
A graduate of the course can:
Knowledge:
- acquires basic knowledge of selected areas of administrative law,
- controls the necessary conceptual apparatus.

Skills:
- learns to work with a legal text,
- controls to select important information.

Competencies:
- can present results,
- participates in professional discussion,
- is able to work in a team.

Course Syllabus:
Syllabus of Lectures:
1. Law, legal system, branches of law, legal norms and their hierarchy, legal principles. Conceptual definition of administrative law.
2. Public administration bodies.
3. Education administration. Basic legal concepts and knowledge in the field of higher education. Bodies of the academic self-government of the public higher education institution. Bodies of academic self-government of the faculty.
4. Area of internal administration. Ensuring the personal status of the population, register, citizenship, records of the population.
5. Administration of spatial planning and building regulations. Spatial planning documents.
6. Basic legal concepts in the area of cadastre administration (real estate cadastre, parcel geometric plan, title deed). Registration of rights to real estate in the real estate cadastre.
7. Administration of agriculture, forestry and water management.
8. Adequate proceedings.
9. Territorial protection of nature and landscape and its degrees. Protected areas and their protection zones. Legal regulation regarding environmental care.
10. Status of municipalities. Name, symbols of the village, merger and division of the village, incorporation of the village, participation of residents in the administration of the village.

11. Municipal self-government: municipal authorities (mayor and municipal council), referendum, assembly of the inhabitants of the municipality. Chief controller of the village. Association of municipalities. Declaration of a municipality for a city. Rights and obligations of deputies.
12. Competence of self-governing regions. Authorities of the self-governing region.
13. Information management – free access to information, protection of personal data. Protection classified facts. Protection of health documentation (teaching, informed consent, biomedical research). Reporting anti-social activity. Prohibition of discrimination.

Syllabus of Seminars:
1. Introduction to law for geographers - working with worksheets.
2. Public administration bodies – solving test tasks.
3. Education administration – disciplinary proceedings.
4. Area of internal administration - solving practical tasks.
5. Administration of spatial planning and building regulations. Acquaintance with the territorial plan. Working in groups on a given task.
6. Geoportal, real estate cadastre, ZBGIS – page content and possibilities of its use. Proposal for deposit in the cadastre.
7. Administration of agriculture, forestry and water management - discussion, solving test tasks.
8. Correct procedure - examples from practice.
9. Territorial, construction and approval proceedings. Notification of minor construction. Building permit.
10. Nature and landscape protection. Landscape management. Identification and characterization of environmentally burdened areas in Slovakia – presentations connected with discussion.
11. Selected environmental problems - presentations connected with discussion.
12. Competence of municipalities and self-governing regions - solving test tasks.
13. Credit test.

Recommended literary resources:

Nariadenie (EÚ) 2016/679 o ochrane fyzických osôb pri spracúvaní osobných údajov a o voľnom pohybe takýchto údajov
TEKELI, J. a kol. 2017. Správne právo hmotné. Právnická fakulta: UPJŠ, 294 s. ISBN 978-80-8152-561-2.
Zákon č. 50/1976 Zb. o územnom plánovaní a stavebnom poriadku v znení neskorších právnych predpisov.
Zákon č. 369/1990 Zb. o obecnom zriadení v znení neskorších predpisov.
Zákon č. 17/1992 o životnom prostredí
Zákon č. 40/1993 Z z. o štátnom občianstve Slovenskej republiky v znení neskorších predpisov.
Zákon č. 245/2008 Z. z. o výchove a vzdelávaní (školský zákon) a o zmene a doplnení niektorých zákonov.
Zákon č. 18/2018 Z. z. o ochrane osobných údajov a o zmene a doplnení niektorých zákonov
Zákon č. 162/1995 o katastri nehnuteľností a o zápise vlastníckych a iných práv k nehnuteľnostiam (katastrálny zákon) v znení neskorších predpisov.
Zákon č. 302/2001 Z. z. o samospráve vyšších územných celkov (zákon o samosprávnych krajoch) v znení neskorších predpisov.
Zákon č. 365/2004 Z. z. o rovnakom zaobchádzaní v niektorých oblastiach a o ochrane pred diskrimináciou a o zmene a doplnení niektorých zákonov (antidiskriminačný zákon)

Required language skills:
Slovak

Notes: The course is taught only in summer term

Course assessment:
The total number of assessed students:

A	B	C	D	E	FX

Lecturer: JUDr. RNDr. Monika Ivanová, PhD., doc. RNDr. Štefan Koco, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. RNDr. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKSB1/24	**Course title:** Bachelor Thesis Seminar 1

Type, load and method of training activities:
Total number of lessons: 60
Number of contact lessons: 10

- Seminar: 1 lessons per week = 10 lessons

Individual preparation of presentations for seminar: 50 hours / lessons
Method: combined

Number of Credits: 2

Recommended term of study: 4th term

Degree of study: 1st degree in the study programme Geography and Land Management

Prerequisites:

Conditions for course completion:
1. Submitting a portfolio based on the requirements of the teacher (content and formal requirements will be introduced at the first contact lesson). Submitting a portfolio that meets the required criteria is a precondition for credit acquisition.
2. Evaluation of the portfolio will be conducted in cooperation with the supervisor of the final thesis. The teacher`s evaluation will take into account formal aspects of the portfolio and the supervisor will evaluate its content.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- understand and use the basic rules and directives on the final theses formation;
- understand and describe different types of theses;
- present systematic knowledge on the structure of a final thesis;
- interpret mutual relations and logical continuity between different parts of the scientific research;
- understand the importance of thorough preparation of scientific research;

Skills:
- evaluate and interpret available knowledge resources for the needs of the final thesis;
- apply the knowledge in the formation of portfolio;
- apply the knowledge in the formation of his own final thesis curriculum;
- apply the knowledge in the formation of methodological procedures of research in the final thesis.

Course Syllabus:
1. Introductory lecture (introduction to the course, evaluation criteria, schedule of work during the semester, recommended literature, requirements of portfolios, portfolio submission deadline).
2. Basic information sources to the formal requirements of the theses.
3. Characteristics of final theses: Bachelor thesis, Master thesis, Dissertation thesis. Formal features of a thesis. Assignment for the next lesson.
4. Evaluation and assessment of the tasks assigned at the previous lesson. Formal and content requirements of bachelor thesis: abstract, preface, introduction, core, conclusion, bibliography.
5. Examples of abstracts - read and assess whether they are written in accordance with the requirements of the abstract. Assignment for the next lesson.
6. Evaluation of abstracts, citation standards and norms, examples of citations and paraphrasing. Assignment for the next lesson.
7. Evaluation of citations, geographic research methods.
8. Examples of methodological parts of bachelor, master and doctoral theses. Assignment for the next lesson.
9. Evaluation of assignments. Types of theses and their basic features - Theoretical thesis, Theoretical - empirical thesis, Theoretical-application thesis.
10. Thesis schedule and research notes. Thesis syllabus - curriculum. Assignment for the next lesson.
11. Evaluation of assigned curriculum. Formal features of thesis submission, printed version of a thesis and inserting the electronic version into the EZP.
12. Composing the theoretical part of the thesis in the specified length. Submitting the portfolio.
13. Credit week - ongoing evaluation.

Recommended literary resources:
Smernica o náležitostiach záverečných prác, ich bibliografickej registrácii, kontrole originality, uchovávaní a sprístupňovaní.[online]. Prešov: PU. [cit.03.10.2024]. Dostupné na: http://www.pulib.sk/web/data/pulib/subory/stranka/ezp-smernica-2019.pdf

Zásady k témam, rozsahu, kvalitatívnym štandardom, kritériám hodnotenia a obhajobám bakalárskych, diplomových a rigoróznych prác. [online]. [cit. 03.10.2024]. Dostupné z: http://www.unipo.sk/public/media/2623/zp.pdf
HENDL, J. 2008. *Kvalitatívny výskum. Základné teórie, metódy a aplikácie.* Praha: Portál. ISBN 978-80-7367-485-4.
KATUŠČÁK, D., 2013. *Ako písať záverečné a kvalifikačné práce.* Bratislava: ENIGMA. ISBN 978-80-89132-45-4.
REICHEL, J. 2009. *Kapitoly metodológie sociálnych výskumov*. Praha: Grada Publishing. ISBN 978-80-247-3006-6
SPOUSTA, V., 2009. *Vádemékum autora odborné a vědecké práce humanitního a sociálniho zaměření.* Brno: Akademické nakladatelství CERM. ISBN 978-80-7204-617-1.

Required language skills:
Slovak language

Notes: The course is taught only in summer term

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Vladimír Solár, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKSB2/24	**Course title:** Bachelor Thesis Seminar 2

Type, load and method of training activities:
Total number of lessons: 60
Number of contact lessons: 10

- Seminar: 1 lesson per week = 10 lessons

Individual preparation of presentations for seminar: 50 hours / lessons
Method: combined

Number of Credits: 2

Recommended term of study: 6th term

Degree of study: 1st degree in the study programme Geography and Land Management

Prerequisites:

Conditions for course completion:
1. Submitting a portfolio based on the requirements of the teacher (content and formal requirements will be introduced at the first contact lesson). Submitting a portfolio that meets the required criteria is a precondition for credit acquisition.
2. Evaluation of the portfolio will be conducted in cooperation with the supervisor of the final thesis. The teacher`s evaluation will take into account formal aspects of the portfolio and the supervisor will evaluate its content.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- on the basis of acquired knowledge to formulate a text with logical and precise formulation of ideas, to create a quality abstract, to write an introduction, a conclusion to an article, to ZP respecting the set requirements.
- correctly use individual methods of citation and referencing, recording bibliographic references.

Skills:
- work with professional literature (with primary and secondary sources, search for information in information book databases).
- in the theoretical and practical level to create (plan, process) the final work with all the necessary requisites.
- prepare a presentation for the defense of the final thesis in accordance with the set requirements

Competences:
- the student realizes the need and importance of adhering to the "academic etiquette" (i.e. decency, courtesy, tact) for his student as well as future teaching life.
- adhere to the ethics of citation when writing ZP.
- to express his convictions and opinions directly and honestly, but at the same time he can recognize that the other party also has the right to his own opinion.
- bear the consequences, take responsibility for their actions.

Course Syllabus:
1. Analysis of general requirements for the creation of the final thesis. Structure and content analysis and final work, analysis of used literature.
2. Analysis of researched pedagogical phenomena in bachelor's thesis, used methods of data collection in ZP, analysis of used methods of quantitative and qualitative processing of ZP results.
3. Preparation of the student for the defense of the bachelor's thesis.

Recommended literary resources:
Smernica o náležitostiach záverečných prác, ich bibliografickej registrácii, kontrole originality, uchovávaní a sprístupňovaní.[online]. Prešov: PU. [cit.03.10.2024]. Dostupné na: http://www.pulib.sk/web/data/pulib/subory/stranka/ezp-smernica-2019.pdf
Zásady k témam, rozsahu, kvalitatívnym štandardom, kritériám hodnotenia a obhajobám bakalárskych, diplomových a rigoróznych prác. [online]. [cit. 03.10.2024]. Dostupné z: http://www.unipo.sk/public/media/2623/zp.pdf
HENDL, J. 2008. *Kvalitatívny výskum. Základné teórie, metódy a aplikácie.* Praha: Portál. ISBN 978-80-7367-485-4.
KATUŠČÁK, D., 2013. *Ako písať záverečné a kvalifikačné práce.* Bratislava: ENIGMA. ISBN 978-80-89132-45-4.
REICHEL, J. 2009. *Kapitoly metodológie sociálnych výskumov*. Praha: Grada Publishing. ISBN 978-80-247-3006-6
SPOUSTA, V., 2009. *Vádemékum autora odborné a vědecké práce humanitního a sociálniho zaměření.* Brno: Akademické nakladatelství CERM. ISBN 978-80-7204-617-1.

Required language skills:
Slovak language

Notes: The course is taught only in summer term

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Vladimír Solár, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKKLH/24	**Course title:** Climageography and hydrogeography

Type, load and method of training activities:
Total number of lessons: 150 lessons
Number of contact lessons: 30 lessons

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation and preparation of assignments for the seminar: 40 lessons
Self-study and preparation for the exam: 80 lessons
Method: combined

Number of Credits: 5

Recommended term of study: 1st term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites:

Conditions for course completion:

1. The preparation of short presentations on exercise. Student/group of students will prepare a presentation on a selected topic according to the agreed timetable.
2. Activity in exercises. Student/group of students are actively participates in exercise during exercise by topic.
3. Ongoing written test. Student undergoes ongoing testing at pre-agreed dates of issue that is currently being acquired in exercises and lectures. To obtain A (excellent) students must obtain at least 90%, to obtain B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed degree of FX.
4. Exam – oral/written: Student obtain FX if his/her answer will be stylistically and scientifically below average, student who will not adequately respond to the questions, if his/her answer will not be logical, if the student will not explain selected issues or student fails the exam.

Credits will not be awarded to a student who will not prepare presentations on terms, to a student who will not actively participate in exercises (noncontinuous training, nonactive discussions, absence of the exercises several times as shown in the study regulations), or student who obtain FX from continuous test. Meeting the conditions agreed in the exercises is the condition of participation on exam. Overal rating object is calculated as the average of the ratings for the exercise, activities in exercise and oral/written exam. Credits will not be awarded to a student who obtain less than 50%.

Educational Outcomes: By the end of the course student will know:
Knowledge:
define the object and subject of meteorology, climatology and climageography in a sufficiently broad and cross-sectional manner and in their own words, characterize basic meteorological elements, define and describe processes taking place in the atmosphere, characterize the weather forecasting process, define and explain pressure structures and movements in the atmosphere main features of different climate classifications. Define and interpret the object and subject of hydrology and hydrogeography, explain the interrelationships between the elements of the hydrosphere, explain the process of obtaining and analyzing hydrological data, explain the basic characteristics and properties of the World Ocean and its significance.
Skills:
to actively obtain physical geographical information from various information sources and to apply the acquired knowledge in the presentation of physical geographical issues.
Competences:
can independently acquire new knowledge and actively expand their knowledge of climageography and hydrogeography, solve professional tasks independently or in a team, engage in professional discussion of the presented results, develop social and communication competencies.

Course Syllabus:
Syllabus of lectures:

1. Subject and methods of meteorology and climageography.
2. Air pressure and density. Radiation.
3. Temperature conditions in the atmosphere. Greenhouse effect.
4. Water in the atmosphere.
5. Air flow in the atmosphere.
6. Climate. Classification of climate zones. Climate change.

7. Introduction to the study of hydrology and hydrogeography.
8. Distribution of water supplies on Earth. Water shortage problems.
9. Surface water.
10. Groundwater.
11. Swamps and artificial reservoirs.
12. Analysis of hydrological data.
13. World Ocean. Rising the level of World Ocean. The importance of the oceans and their protection.

Syllabus of seminars:
1. Introductory seminar (acquaintance with the system of work and evaluation criteria, work schedule in seminars).
2. Characteristics of the selected personality of meteorology and hydrology (work with various information sources, presentation, team work, language skills).
3. The structure of the weather forecast in the selected medium (professional analysis).
4. Characteristics of the selected meteorological society (work with various information sources, presentation, team work, language skills).
5. Processing and presentation of professional text (work with text and its processing directly in class).
6. Weather observation (field work, teamwork, analysis).
7. Wind rose formation (processing of obtained data).
8. River network classification (different classification systems).
9. Floods (expert debate).
10. Basic methods of hydrological research.
11. Expert discussion on selected issues.
12. Simulation of a scientific seminar on selected issues in hydrology.
13. Credit week - evaluation.

Recommended literary resources:

DOERR,A.H.: Fundamentals of physical geography. Wm.C.Brown Communications, Inc.9,1993. DUB,O.: Hydrológia, hydrometria. Bratislava, 1960. DUBA,D.: Hydrológia podzemných vôd. SAV Bratislava, 1968. HORNÍK, S. a kol.: Základy fyzické geografie. SPN Praha, 1982. CHROMOV, S. P.: Meteorológia a klimatológia. Leningrad, 1983. KOLEKTÍV AUTOROV: Meteorologický slovník výkladový terminologický. Academia, MŽP ČR, Praha 1993. RUDA, A.: Klimatologie a hydrologie pro učitele, Masarykova univerzita, Brno, 2014. ŠAMAJ, F.: Meteorológia včera a dnes. Pokroky meteorológie a ich aplikácie. VEDA, Bratislava, 2001. TRIZNA, M.: Klimageografia a hydrogeografia, Bratislava 2004. VITÁSEK, F.: Fyzický zeměpis 1. Ovzdušie a vodstvo. Praha, 1956. WOŚ,A.: Meteorologia dla geografów. Wydawnictvo Naukowe PWN, Warszawa 2002.

Required language skills:
Slovak language

Notes: The course is taught only in winter term

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Vladimír Čech, PhD., Mgr. Matúš Maxin, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov	
Faculty Name: Faculty of Humanities and Natural Sciences	
Course code: 2GAG/MKKGS/24	**Course title:** Course in Geographic Information Systems
Type, load and method of training activities: Total number of lessons: 150 lessons Number of contact lessons: 40 lessons Self-study and preparation for the course completion: 110 lessons Method: combined	
Number of Credits: 5	
Recommended term of study: 3rd term	
Degree of study: 1st degree in the study programme: Geography and Land Management	
Prerequisites: Fundamentals of Geoinformatics	
Conditions for course completion: To successfully complete the course, active participation in all practical exercises during the course and the completion of a final project are required, which involves the full processing of a GIS assignment. The student must demonstrate the ability to work independently with QGIS software tools, process and visualize geographic data, and create a map output with all required elements. Evaluation will be based on the accuracy, complexity, and presentation of the final project.	
Educational Outcomes: By the end of the course, students will be able to: *Knowledge:* - describe the QGIS environment, its basic functions, including installation; - distinguish between vector and raster data, their properties, and visualization options; - explain the importance of coordinate systems and their application in GIS; - explain the concept of OGC web services (WMS, WFS) and their functionality; - describe geoprocessing tools and their use in basic GIS analyses; - identify options for extending QGIS functionality through plugins. *Skills:* - work independently with vector and raster data, including their import, editing, visualization, and export; perform georeferencing of raster data; - correctly set coordinate systems and transform data between projections; - effectively work with web services (WMS, WFS) to integrate external geographic data into a project; - create a map output in Print Layout, including all formal map elements and export to various formats; - utilize geoprocessing tools; - use field applications, such as Mergin Maps and QField, for data collection and processing in the field; - work with OpenStreetMap data. *Competences:* - independently solve tasks in QGIS, manage and analyze various types of geographic data according to project requirements; - flexibly apply different GIS tools and techniques within assigned projects; - collaborate effectively in sharing and presenting projects, receiving and utilizing feedback for further improvement; - critically evaluate geographic data to create accurate, understandable, and practically useful map outputs; - apply acquired knowledge and skills in further studies or professional practice in the field of geography and landscape management.	

Course Syllabus:

Day 1:

Review of knowledge from the course Fundamentals of Geoinformatics.

Advanced work with vector data:

- Importing data from CSV files and GPS devices.
- Query tools for data analysis based on attributes and location.
- Attribute calculations and table manipulation: Using the field calculator to create and edit new attributes, such as area and length calculations or logical expressions.
- Creating and editing new layers (point, line, and polygon features).
- Working with vector data topology: Basic topology rules, such as eliminating gaps or overlapping features, and their application in layer creation and editing.
- Advanced vector data visualization options: Customizing styles based on attribute values for effective visualization.

Day 2:

Working with raster data:

- Working with raster files, basic editing, and export.
- Raster layer properties.
- Using the Georeferencer tool.
- Raster processing – reprojection and using the raster calculator for raster data analysis.
- Basic terrain analyses and contour generation.
- Visualization of raster data through symbols and styles.

Day 3:

Working with OGC web services:

- Web services providing raster data.
- Web services providing vector data.
- Connecting to and visualizing data from WMS and WFS services.
- Basemaps in tile format.
- Overview of freely available geographic data sources.

Extending QGIS functionality:

- Processing Toolbox.
- Plugins.
- Geoprocessing tools for vector data (Dissolve, Buffer, Clip, Intersect).
- Working with OpenStreetMap: Importing and visualizing OpenStreetMap data, basic analyses.

Day 4:

Field mapping applications:

- Mergin Maps and QField: Introduction to field applications, data setup, and synchronization for field data collection.

Creating map outputs:

- Overview of the Print Layout interface for creating map outputs.
- Map output elements: title, legend, scale bar, text box, north arrow, table, etc.
- Map export options.
- Generating map outputs using the Atlas tool.

Day 5: Independent Work and Evaluation

Comprehensive GIS Assignment:

- Students apply the skills learned throughout the course to a comprehensive assignment, from data import to finalizing a map output.

Evaluation and Discussion:

- Presentation of student projects, feedback, and discussion on achieved results.

Recommended literary resources:

MENKE, K., 2022: Discover QGIS 3.x - Second Edition: A Workbook for Classroom or Independent Study. Locate Press, 432 p. ISBN-13: 978-0986805257;
GISMENTORS.CZ, 2023: Školení QGIS pro začátečníky. Dostupné na: https://training.gismentors.eu/qgis-zacatecnik/skoleni-qgis-zacatecnik.pdf
GIS4SCHOOLS, 2021: Basics of QGIS. Dostupné na: https://gis4schools.thinkific.com/courses/Basics-of-QGIS
PRAVDA, J., KUSENDOVÁ, D., 2004: Počítačová tvorba tematických máp. Vysokoškolské učebné texty. Bratislava, PRIF UK. 248 s.;
KLAUČO, M. - WEIS, K. - GREGOROVÁ, B. - ANSTEAD, L., 2014: Geografické informačné systémy 1. Vysokoškolské učebné texty. Banská Bystrica, Vydavateľstvo Univerzity Mateja Bela, Belianum. 71 s., ISBN 978-80-557-0679-5.
HOFIERKA, J. - KAŇUK, J. - GALLAY, M., 2014: Geoinformatika. Vysokoškolská učebnica. Košice, Univerzita Pavla Jozefa Šafárika. 194 s.

Required language skills:
Slovak language

Notes: The course is taught only in winter term

Course assessment:
The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Štefan Koco, PhD., Mgr. Jana Michalková, PhD., Mgr. Miloslav Michalko, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKOBP/24	**Course title:** Defense of the bachelor thesis with a debate

Type, load and method of training activities:
- Final thesis defense
- Colloquial discourse

Number of credits: 16

Recommended term of study: 6th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: Bachelor Thesis Seminar 1, Bachelor Thesis Seminar 2

Conditions for course completion:

- In drawing up the thesis, student follows the instructions of his supervisor and Directive formalities of theses, their bibliographic registration, control of originality, storage and disclosure issued by the University of Presov. The scope of work may determine the training Department, recommended range is without attachments (from the beginning to the conclusion inclusive) from 30 up to 40 pages (54,000 to 72,000 characters). Work structure and format of presentation of the final thesis is determined by consultation with the supervisor, by Directive formalities of theses.
- The final variant of the thesis bound in hardcover and student shall submit it to the Department, which announced the topic of his final thesis. The deadline for submitting the bachelor thesis is given in the schedule of the current academic year.
- Bachelor thesis shall be submitted in two printed copies, the electronic version, which must be identical to the paper version inserted into the student registration system theses in PDF format, no later than seven days from the submission of the printed version. The central repository of theses are assessed the originality of work. The outcome of originality made a report on the originality of the final thesis. Control originality is a necessary condition for defence. Based on the outcome of overlapping thesis with other final theses supervisor decides whether the work can be the subject of defence.
- Part of the submitting the final thesis is conclusion of a license agreement on the use of digital copies of works between the author and the Slovak Republic on behalf of the University. After inserting work into ECL PU author immediately submit a license agreement to a training centre signed by him within 30 days of submitting thesis to CRTD which must be signed by the authorized representative of the University (senior employee of the training centre).
- Bachelor thesis is assessed by the supervisor of the work and the opponent who develop opinions according to established criteria.

Commission for state final examinations in private session will assess the process of the defence and decide on classification. When classifying comprehensively assess the quality of thesis and its defence, taking into account the opinions and conduct of the defence and evaluates one common grade. The resulting of ranking may be the same as in opinions, but can be better or worse, depending on the course of the defence. Decision of the result of the defence is presented publicly by chairman of commission along with the results of appropriate state examination.

Educational Outcomes:

Graduate´s profile - bachelor degree in study programme of Geography and Land Management

Knowledge:

- Graduate has knowledge of the cross-sectional component in Physical and Human geographical subsystem of countries and their mutual relations;
- Knows the basic theoretical concepts of geography;
- Has a cross-cutting knowledge of regularities of spatial differentiation of landscape sphere, horizontal and vertical relationships in regional complexes;
- Knows the basic procedures and methods of analysis of the development, structure and processes in geographic complexes of different taxonomic levels;
- has deeper knowledge in the field of landscape planning and management, tourism and territorial marketing as well as in regional development and regional policy, including knowledge of practical contexts and relations to related fields.

Skills:

- Graduate knows how to obtain geographic information in active way and use them to solve practical problems;

- has ability to solve practical problems in the field of using geographical, spatial information (GIS), statistical methods and techniques of cameral and field research, and is able to assess the sufficiency and appropriateness of their use;
- knows how to use ICT for the visualization of geographic knowledge in graphic and cartographic form;
- can integrate natural and human resources in the development of creative and innovative solutions to spatial problems;
- can analyze all processes at the local, regional and national level and compare research results with their main trajectories in Europe and the world.

Competences:

- Graduate is able to solve technical tasks and coordinate activities and take any responsibility for the team work;
- Can identify ethical, social and economic context of the problems;
- Can independently obtain information, process them and actively expand his knowledge;
- Can present problems, the results of their solutions, engage in discussions about them in Slovak and even at the basic level in English language

Course Syllabus

defence of the bachelor thesis is steady process:

1. Chairman of the Commission presents the candidate and the thesis topic.
2. Student in time of maximum range 10 minutes presents a substantial part of the thesis and highlight its own benefit; student prepares the presentation of results in advance in electronic form (PowerPoint, ...).
3. The Chairman of the Commission invites the supervisor and opponent to present the reports (in the case of absence of reviewers Chairman of the Commission designates a member of the Commission, which delivers the judgment).
4. The candidate answers the questions and responds to the comments of reviewers (this part can also be prepared in advance in an electronic presentation).
5. Chairman of the Commission appeals the supervisor and opponent to comment on the applicant's answers.
6. Chairman opens the general debate on final thesis, which shall be open to other members, and public; ongoing debate student is answering questions or responding to comments of discussants from the field of content of the study subject geography and country management.
7. After the debate, Chairman terminates the defence and subsequently the committee evaluates the final thesis in the non-public part of the meeting.

- To the defence may be adopted also bachelor thesis with one's assessment with the assessment of "failed" (4, FX).

The bachelor thesis is available for the Commission during the defence. The presentation should contain the following points:

1. Brief rationale reasons for selection of the theme, its topical and practical benefits.
2. The explanation of objectives, hypotheses and methods used in the processing of the thesis.
3. The main substantive issues of work, suitably supplemented by the graphic and cartographic outputs.
4. The conclusions and practical recommendations that the author of the thesis concluded.

<u>The Commission in assessing the defence takes into account:</u>

- Proper control of technical terminology
- The logical structure of the presentation
- Compliance with the time limit
- Use of resources clarity
- Use of capital goods rhetoric
- Clarity of presentation
- Conciseness of presentation
- More engaging presentations
- The reliability of the results communicated
- The decisiveness of argument

<u>Documents and forms that student should have available within the defence of the thesis</u>:

- Review of the thesis supervisor
- Review of the thesis opponent
- 2 copies of printed and signed license agreement
- Own copy of the final thesis

Recommended literary resources:

GAVORA, P.: Úvod do pedagogického výskumu. Bratislava: Univerzita Komenského, 1999. ISBN 80-223-1342-4. GONDA, V.: Ako napísať a úspešne obhájiť diplomovú prácu. Bratislava: Iura Edition, spol.s.r.o. ISBN 978-80-8078-472-0. KATUŠČÁK, D.: Ako písať vysokoškolské a kvalifikačné práce. Ako písať seminárne práce, ročníkové práce, práce ŠVOČ, diplomové práce, záverečné a atestačné práce a dizertácie. Bratislava: Stimul, 1998.ISBN 80-85697-57-2. ŠVEC, Š. a kol.: Metodológia vied o výchove. Bratislava: IRIS, 1998. ISBN 80-88778-73-5. VIŠŇOVSKÝ, Ľ., ZOLYOMIOVÁ, P., BRINCKOVÁ, J.: Metodika diplomovej práce. 2007. ISBN 978-80-8083-374-9.
Smernica o náležitostiach záverečných prác, ich bibliografickej registrácii, kontrole originality, uchovávaní a sprístupňovaní.[online]. Prešov: PU. [cit.26.3.2014]. Dostupné z: http://www.pulib.sk/web/data/pulib/subory/stranka/ezp-smernica-2019.pdf

Required language skills:
Slovak language

Notes:

Course assessment:
Total number of assessed students: -

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: prof. Ing. Jozef Vilček PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKDPM/24	**Course title:** Digital Approaches in Landscape Mapping

Type, load and method of training activities:
Total number of lessons: 90 lessons
Number of contact lessons: 20 lessons
Lecture: 1 lesson per week = 10 lessons
Seminar: 1 lesson per week = 10 lessons
Self-study and preparation for the ongoing evaluation: 70 lessons
Method: combined

Number of Credits: 3

Recommended term of study: 2nd term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:
Ongoing Evaluation:

- Final Theoretical Test: To achieve a grade of A (excellent), a student must score at least 90%, for a grade of B at least 80%, for a grade of C at least 70%, for a grade of D at least 60%, and for a grade of E at least 50%. A student who scores less than 50% will be graded FX.
- Final Grade is determined as a summary of the final theoretical test grade, active participation in seminars, and student attendance during the semester.

Credits will not be awarded to a student who receives an FX grade in the final theoretical test.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- explain basic concepts of digital mapping and the importance of open technologies in geography and landscape management;
- describe the history, principles, and data model of the OpenStreetMap (OSM) platform and the functioning of its community;
- identify and distinguish software tools for working with OSM;
- describe the significance of mapathons in humanitarian and development projects and the basic steps in organizing a mapathon;
- understand the role of drones and photogrammetric methods in landscape mapping and data collection using mobile applications such as StreetComplete and Mapillary;
- identify ethical principles and data protection issues in digital mapping.

Skills:
- use iD Editor and JOSM for both basic and advanced editing and contributions to OSM;
- plan and execute a mapathon;
- use applications such as StreetComplete and Mapillary for collecting field data and processing it for addition to OSM;
- import and analyze OSM data in QGIS and create thematic maps using basic analytical tools;
- use Field Papers to prepare and annotate paper maps for field data collection and subsequent digitization;
- work with tools such as Leaflet and Mapbox to create interactive and thematic maps, including custom design.

Competences:
- independently and responsibly address geographic issues using open digital technologies and engage in community mapping projects;
- critically evaluate and verify the quality of contributions to OSM and appropriately address data privacy issues in line with ethical principles;
- integrate various types of geographic data to design and implement complex projects that utilize open data and digital technologies in land management;
- flexibly adapt new digital approaches and open-source tools for mapping and data analysis in the context of current challenges in land management.

Course Syllabus:
Syllabus of Lectures:

1. Introduction to Digital Mapping and Digital Approaches – the importance of open digital technologies in land management.
2. Introduction to OpenStreetMap (OSM) – history and principles of OSM.
3. Basics of Contributing to OSM – OSM data model, OSM community.

4. Software Tools for Working with OSM – iD Editor and JOSM.
5. Mapathons – the importance of mapathons in humanitarian and development projects.
6. Key Steps in Organizing a Mapathon.
7. Use of Drones and Photogrammetry in Mapping – application of drones and photogrammetric methods in land management.
8. Mobile Applications for Field Data Collection – StreetComplete, MapComplete, Mapillary.
9. Ethical Aspects and Data Protection in Mapping – ethical principles in mapping, privacy protection, and handling sensitive data.
10. Integration of OSM with GIS Software – importing and analyzing OSM data in QGIS.
11. Thematic and Community Mapping – case studies of OSM use in mapping communities, infrastructure, and ecological topics. The importance of participatory mapping in addressing local issues.
12. Open Source Tools for Data Visualization – basics of map design using open cartographic solutions.
13. The Future of Digital Mapping – new trends and challenges; prospects and future of participatory mapping.

Seminary Syllabus:

1. Introduction to OSM – registration on the OSM platform, orientation in the environment, and overview of basic tools. Editing simple map objects (points, lines, areas) using the iD Editor.
2. Editing and Advanced Functions in the iD Editor – working with attributes and advanced editing options; detailed editing of selected elements and adding information based on current data.
3. Working in JOSM – basic setup and configuration of JOSM, data import, editing, and use of plugins.
4. Organizing a Mapathon – planning and execution.
5. Introduction to Mobile Applications for Data Collection – working with applications like StreetComplete and MapComplete, collecting field data.
6. Practical Use of Mapillary for Field Data – collecting and uploading photos from the field, photo documentation of objects, and making them accessible to the community.
7. Basics of OSM Data Analysis in QGIS – importing and editing OSM data in QGIS; overview of basic analytical tools, creating thematic maps using OSM data in QGIS.
8. Using Field Papers for Field Data Collection – preparation of paper maps, annotation, and data digitization.
9. Advanced Approaches to Data Validation in OSM – techniques for validation and quality assurance of OSM data.
10. Working with Leaflet – creating an interactive map using Leaflet and integrating OSM data.
11. Working with Mapbox – using Mapbox for spatial data visualization and styling, creating a thematic map with custom design using Mapbox Studio.
12. Preparation and Presentation of the Final Project, including the use of OSM data, field data collection, and visualization.
13. Discussion and Evaluation: benefits and challenges of digital mapping.

Recommended literary resources:

SOLÍS, P. - ZEBALLOS, M., 2023: Open Mapping towards Sustainable Development Goals: Voices of YouthMappers on Community Engaged Scholarship. Cham, Springer Nature.

SOLÍS, P. - ANDERSON, J. - RAJAGOPALAN, S., 2020: Open geospatial tools for humanitarian data creation, analysis, and learning through the global lens of YouthMappers. Journal of Geographical Systems. Dostupné na: https://doi.org/10.1007/s10109-020-00339-x

ŠTAMPACH, R. - HERMAN, L. - TROJAN, J. - TAJOVSKÁ, K. - ŘEZNÍK, T., 2021: Humanitarian mapping as a contribution to achieving sustainable development goals: Research into the motivation of volunteers and the ideal setting of mapathons. Sustainability, 13(24), 13991. Dostupné na: https://doi.org/10.3390/su132413991

MICHALKOVÁ, J. - MICHALKO, M. (Eds.), 2023: Mapping Our World With Open Geospatial Tools: A Practical Guide for High School Teachers. Prešov, University of Prešov. Dostupné na: https://euthmappers.gitbook.io/euthmappers-handbook/

HAKLAY, M. - WEBER, P., 2008: OpenStreetMap: User-Generated Street Maps. IEEE Pervasive Computing, 7(4), s. 12–18.

GOODCHILD, M.F., 2007: Citizens as Sensors: The World of Volunteered Geography. GeoJournal, 69, s. 211–221.

DENWOOD, T. - HUCK, J. - LINDLEY, S., 2022: Participatory Mapping: A Systematic Review and Open Science Framework for Future Research. Annals of the American Association of Geographers, 112, s. 1–20.

Required language skills:

Slovak language

Notes: The course is taught only in summer term

Course assessment:

The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Štefan Koco, PhD., Mgr. Jana Michalková, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

COURSE DESCRIPTION

University: *University of Presov*

Faculty/university workplace: *Faculty of Humanities and Natural Sciences*

Code: *9UJK/ANJ1G/24*	**Course title:** English language 1

Type, scope and method of educational activity:
26 lessons / semester
Combined method

Number of credits:
3

Recommended semester:
1. semester

Study grade: *1.*

Prerequisites:
none

Conditions for passing the course:
Continuous evaluation:
The final evaluation of the subject is based on the continuous assessment "PH".

Final evaluation:
Students write a final test from the studied materials. The student must gain at least 50.00 % to pass the course. An overall assessment of the student is based on oral presentation on a chosen topic, essays submitted during the semester and on the calculation of the percentage obtained in the test:

A 100,00 – 90,00 %
B 89,99 – 80,00 %
C 79,99 – 70,00 %
D 69,99 – 60,00 %
E 59,99 – 50,00 %
FX 49,99 and less %

student workload is 90 h = 19,5 h/70,5 h

Learning outcomes:
The student is competent in:
After getting acquainted with the basic information, the student has an adequate level of understanding and skills at a declarative level.

- The student uses words, phrases, and grammatical categories as a basis for basic sentence models and structure.
- The student is able to provide basic information about his/her life in English.
- The student has general knowledge that serves as a basis for active communication in English.
- The student can use English in simple and everyday situations.
- The student is able to demonstrate social competencies in a foreign language environment.
- The student uses his/her knowledge to solve basic communication problems.
- The student has basic skills to obtain and interpret basic information in the target language.
- The student is able to make the right decisions and act responsibly.
- The student is able to demonstrate critical and creative thinking in predictable and unpredictable situations that they may occur in his/her professional practice.
- The student is able to identify and use creative problem solving in new or unfamiliar environments.
- The student improves his/her self-study skills which are needed for further education in English.

Course content:
1 Introduction to language.
2 DOUBLE LIVES
Key vocabulary. Vocabulary development: words and word phrases activities related to the topic.
Verbs with two meanings. Vocab activities. Present tense simple and continuous.
Conversation topic: Talking about yourself. What are people mostly likely to lie about? Description of characteristic features and appearance in English.
3 JOURNEYS
Key vocabulary. Vocabulary development: words and word phrases activities related to the topic.
Phrasal verbs (separable/inseparable). Verb collocations (travel). Vocab. activities.

Conversation topic: Travelling. Talking about countries visited. Planning a journey across Slovakia/other country. Some basic geographical names used.
4 THE EARTH/THE RESTLESS EARTH
Key vocabulary. Vocabulary development. Vocabulary activities.
Grammar tenses to be used for description of activities and events.
Conversation topic: What is Earth made of? Eatrh´s movements - earthquakes, volcanoes and their activities. Basic geographical terminology related to the topic Earth.
5 ROCKS
Key vocabulary. Vocabulary development. Vocabulary activities.
Conversion topic: Rocks and their types. Importance of rocks. Mountains and mountain ranges. Geographical names of mountains and mountain ranges.
6 Revision of knowledge.

Recommended literature:

KELLY, Keith.: Geography. Macmillan Vocabulary Practice Service. Macmillan, ISBN 978-0-230-71976-7. 2009. Unit 1 - 2.
KERR, Phillip, JONES, Ceri: Straightforward. Intermediate. Macmillan. ISBN 978-1-4050-1065-8. 2006. Unit 1-2.
MURPHY, Raymond: English Grammar in Use. Cambridge University Press, ISBN 0-521-53762-2. 2004.
OXFORD Advanced Learner´s Dictionary. 8th edition, Oxford, ISBN 978-0-19-479900-3. 2010.
FRONEK, Josef – MOKRÁŇ, Pavel: Anglicko-slovenský slovník. Nová práca, ISBN 80-88929-80-6, 2006.
POLLÁKOVÁ, Nadežda – CIMERMANOVÁ, Ivana: SLOVENSKO–ANGLICKÝ, ANGLICKO – SLOVENSKÝ SLOVNÍK PRE VEREJNÚ SPRÁVU. Impreso. Prešov, ISBN 80-8068-135X.

Language which is necessary to complete the course:
Slovak and english

Notes:

Course evaluation
Total number of students evaluated:

A	B	C	D	E	FX
a	b	c	d	e	f

Lecturers: *PaedDr. Erika Kofritová, PhD., Mgr. Barbora Laputková, PhD.*

Date of last change: *31.10.2024*

Approved by: *Mgr. Lenka Gogová, PhD.*

COURSE DESCRIPTION

University: *University of Presov*

Faculty/university workplace: *Faculty of Humanities and Natural Sciences*

Code: *9UJK/ANJ2G/24*	**Course title:** English language 2

Type, scope and method of educational activity:
26 lessons / semester
Combined method

Number of credits:
3

Recommended semester:
2 semester

Study grade: *1.*

Prerequisites:
none

Conditions for passing the course:
Continuous evaluation:
The final evaluation of the subject is based on the continuous assessment "PH".

Final evaluation:
Students write a final test from the studied materials. The student must gain at least 50.00 % to pass the course. An overall assessment of the student is based on oral presentation on a chosen topic, essays submitted during the semester and on the calculation of the percentage obtained in the test:
A 100,00 – 90,00 %
B 89,99 – 80,00 %
C 79,99 – 70,00 %
D 69,99 – 60,00 %
E 59,99 – 50,00 %
FX 49,99 and less %

student workload is 90 h = 19,5 h/70,5 h

Learning outcomes:
The student is competent in:
After getting acquainted with the basic information, the student has an adequate level of understanding and skills at a declarative level.
- The student uses words, phrases, and grammatical categories as a basis for basic sentence models and structure.
- The student is able to provide basic information about his/her life in English.
- The student has general knowledge that serves as a basis for active communication in English.
- The student can use English in simple and everyday situations.
- The student is able to demonstrate social competencies in a foreign language environment.
- The student uses his/her knowledge to solve basic communication problems.
- The student has basic skills to obtain and interpret basic information in the target language.
- The student is able to make the right decisions and act responsibly.
- The student is able to demonstrate critical and creative thinking in predictable and unpredictable situations that they may occur in his/her professional practice.
- The student is able to identify and use creative problem solving in new or unfamiliar environments.
- The student improves his/her self-study skills which are needed for further education in English.

Course content:
The content of the course is based on the principles of the communicative approach and activity-based teaching and learning. The course structure comprises the following specified topics:
1. Introduction to language.
UNIT 6 Soil
Key vocabulary. Vocabulary development: words and word phrases activities related to the topic. Vocab activities.
Soil activity.

UNIT 8 Population

Key vocabulary. Vocabulary development: words and word phrases activities related to the topic. Vocab activities.
Population in the world /Slovakia

UNIT 9 Settlements
Key vocabulary. Vocabulary development: words and word phrases activities related to the topic. Language activities.
Classification words
Speaking – Settlements in the towns and countryside/world – Slovakia

UNIT 10 Urbanization
Key vocabulary. Vocabulary development: words and word phrases activities related to the topic. Language activities.
Speaking – Urban locations

UNIT 11 Description of a place (+ phrases)
Key vocabulary. Vocabulary development: words and word phrases activities related to the topic.
Prepositions of place.
Language activities.
Description of a place.

Review of units.

Recommended literature:

KELLY, Keith.: Geography. Macmillan Vocabulary Practice Service. Macmillan, ISBN 978-0-230-71976-7. 2009.
KERR, Philip, JONES, Ceri: Straightforward, Intermediate Student´s Book. Macmillan. 2006. ISBN 978-1-4050-1065-8.
MURPHY, Raymond: English Grammar in Use. Cambridge University Press, ISBN 0-521-53762-2. 2004.
OXFORD Advanced Learner´s Dictionary. 8th edition, Oxford, ISBN 978-0-19-479900-3. 2010.
FRONEK, Josef – MOKRÁŇ, Pavel: Anglicko-slovenský slovník. Nová práca, ISBN 80-88929-80-6, 2006.
POLLÁKOVÁ, Nadežda – CIMERMANOVÁ, Ivana: Slovensk-anglický, Anglicko-slovenský slovník pre verejnú správu. Impreso. Prešov, ISBN 80-8068-135X.
Internet resources.

Language which is necessary to complete the course:
Slovak and english

Notes:

Course evaluation
Total number of students evaluated:

A	B	C	D	E	FX
a	b	c	d	e	f

Lecturers: *PaedDr. Erika Kofritová, PhD., Mgr. Barbora Laputková, PhD.*

Date of last change: *31.10.2024*

Approved by: *Mgr. Lenka Gogová, PhD.*

COURSE DESCRIPTION

University: *University of Presov*

Faculty/university workplace: *Faculty of Humanities and Natural Sciences*

Code: *9UJK/ANJ3G/24*

Course title:
English language 3

Type, scope and method of educational activity:
26 lessons / semester
Combined method

Number of credits:
3

Recommended semester:
3 semester

Study grade: *1.*

Prerequisites:
none

Conditions for passing the course:
Continuous evaluation:
The final evaluation of the subject is based on the continuous assessment "PH".

Final evaluation:
Students write a final test from the studied materials. The student must gain at least 50.00 % to pass the course. An overall assessment of the student is based on oral presentation on a chosen topic, essays submitted during the semester and on the calculation of the percentage obtained in the test:

A 100,00 – 90,00 %
B 89,99 – 80,00 %
C 79,99 – 70,00 %
D 69,99 – 60,00 %
E 59,99 – 50,00 %
FX 49,99 and less %

student workload is 90 h = 19,5 h/70,5 h

Learning outcomes:
Language level improvement of students in general and specific topics. Extending general and specific scientific vocabulary in geography as study field; terminology knowledge and its correct use in the context. The ability of describing general activities and natural science phenomena and the ways of their explanation. Improving language skills throughout the system of practical language exercises.

Course content:
The geographical part of the course: geographical topics and relevant geographical terminology.
1. Introduction to the course.
2. HARD SELL
Grammar: Comparatives. Comparing nouns. Adjectives. Negative prefixes of adjectives.
Conversation: Planning and presenting and advertisement. Market research. Ordering supplies.
3. SUMMER HOLIDAY
Grammar: Expressing future actvities and events in English.
Conversation: Holidays. Planning holidays and free time. Using days off.
4. ICE ACTION
Icebergs on the planet. Forms of icebergs in the nature. Activities of icebergs. Geographical terminology relevant to the topic.
Conversation: The largest icebergs on the planet. Location and their use in the nature.
5. SOIL
Soil and its function in the nature. Soil types. Soil conditions. Soil and vegetation.
Conversation: Using soil by people. The impact of humans on the soil system.
6. Revision of topics.

Recommended literature:
Kelly, K.: Geography. Macmillan Vocabulary Practice Series, Macmillan. 2009. ISBN 978-0-230-71974 . Units 5 - 6.
Kerr, P., Jones, C. Straightforward. IntermediaMacmillan Vocabulary Practice Series, Macmillan. 2006. ISBN 978-0-230-02078-8. Units 5 - 6.
ALEXANDER, L.G.: Longman English Grammar. London : Longman, 1995. ISBN 0-582-55892-1.

MURPHY, R.: English Grammar in Use. Cambridge : University Press, 1997. ISBN 0-521-28723-5.
Fronek, J, Mokráň, P.: Anglicko-slovenský slovník. Bratislava: Nová práca, 2006. ISBN 80-88929-80-6.

Language which is necessary to complete the course:
Slovak and english

Notes:

Course evaluation
Total number of students evaluated:

A	B	C	D	E	FX
a	b	c	d	e	f

Lecturers: *PaedDr. Erika Kofritová, PhD., Mgr. Barbora Laputková, PhD.*

Date of last change: *31.10.2024*

Approved by: *Mgr. Lenka Gogová, PhD.*

COURSE DESCRIPTION

University: *University of Presov*

Faculty/university workplace: *Faculty of Humanities and Natural Sciences*

Code: *9UJK/ANJ4G/24*	**Course title:** English language 4

Type, scope and method of educational activity:
26 lessons / semester
Combined method

Number of credits:
3

Recommended semester:
3 semester

Study grade: *1.*

Prerequisites:
none

Conditions for passing the course:
Continuous evaluation:
The final evaluation of the subject is based on the continuous assessment "PH".

Final evaluation:
Students write a final test from the studied materials. The student must gain at least 50.00 % to pass the course. An overall assessment of the student is based on oral presentation on a chosen topic, essays submitted during the semester and on the calculation of the percentage obtained in the test:
A 100,00 – 90,00 %
B 89,99 – 80,00 %
C 79,99 – 70,00 %
D 69,99 – 60,00 %
E 59,99 – 50,00 %
FX 49,99 and less %

student workload is 90 h = 19,5 h/70,5 h

Learning outcomes:
Language level improvement of students in general and specific topics. Extending general and specific scientific vocabulary in geography as study field; terminology knowledge and its correct use in the context. The ability of describing general activities and natural science phenomena and the ways of their explanation. Improving language skills throughout the system of practical language exercises.

Course content:
UNIT 6 Soil
Key vocabulary. Vocabulary development: words and word phrases activities related to the topic. Vocab activities.
Soil activity.

UNIT 8 Population
Key vocabulary. Vocabulary development: words and word phrases activities related to the topic. Vocab activities.
Population in the world /Slovakia

UNIT 9 Settlements
Key vocabulary. Vocabulary development: words and word phrases activities related to the topic. Language activities.
Classification words
Speaking – Settlements in the towns and countryside/world – Slovakia

UNIT 10 Urbanization
Key vocabulary. Vocabulary development: words and word phrases activities related to the topic. Language activities.
Speaking – Urban locations

UNIT 11 Description of a place (+ phrases)

Key vocabulary. Vocabulary development: words and word phrases activities related to the topic.
Prepositions of place.
Language activities.
Description of a place.

Revision of the topics.

Recommended literature:

Kelly, K.: Geography. Macmillan Vocabulary Practice Series, Macmillan. 2009. ISBN 978-0-230-71974 . Units 5 - 6.
Kerr, P., Jones, C. Straightforward. IntermediaMacmillan Vocabulary Practice Series, Macmillan. 2006. ISBN 978-0-230-02078-8. Units 5 - 6.
ALEXANDER, L.G.: Longman English Grammar. London : Longman, 1995. ISBN 0-582-55892-1.
MURPHY, R.: English Grammar in Use. Cambridge : University Press, 1997. ISBN 0-521-28723-5.
Fronek, J, Mokráň, P.: Anglicko-slovenský slovník. Bratislava: Nová práca, 2006. ISBN 80-88929-80-6.

Language which is necessary to complete the course:
Slovak and english

Notes:

Course evaluation
Total number of students evaluated:

A	B	C	D	E	FX
a	b	c	d	e	f

Lecturers: *PaedDr. Erika Kofritová, PhD., Mgr. Barbora Laputková, PhD.*

Date of last change: *31.10.2024*

Approved by: *Mgr. Lenka Gogová, PhD.*

COURSE DESCRIPTION

University: *University of Presov*

Faculty/university workplace: *Faculty of Humanities and Natural Sciences*

Code: *9UJK/ANJ5G/24*

Course title:
English language 5

Type, scope and method of educational activity:
26 lessons / semester
Combined method

Number of credits:
3

Recommended semester:
4 semester

Study grade: *1.*

Prerequisites:
none

Conditions for passing the course:
Continuous evaluation:
The final evaluation of the subject is based on the continuous assessment "PH".

Final evaluation:
Students write a final test from the studied materials. The student must gain at least 50.00 % to pass the course. An overall assessment of the student is based on oral presentation on a chosen topic, essays submitted during the semester and on the calculation of the percentage obtained in the test:

A 100,00 – 90,00 %
B 89,99 – 80,00 %
C 79,99 – 70,00 %
D 69,99 – 60,00 %
E 59,99 – 50,00 %
FX 49,99 and less %

student workload is 90 h = 19,5 h/70,5 h

Learning outcomes:
Language level improvement of students in general and specific topics. Extending general and specific scientific vocabulary in geography as study field; terminology knowledge and its correct use in the context. The ability of describing general activities and natural science phenomena and the ways of their explanation. Improving language skills throughout the system of practical language exercises.

Course content:
Introductory lesson. Revision of knowledge.
2. SHOPS AND SHOPPERS
Grammar: Articles and determiners. Quantifiers. Prepositional phrases.
Conversation: Shopping. Shopping centres. Positives and negatives of shopping centres.
3. SECRETS
Grammar: Modal verbs of speculation in present and past. Verbs followed by infinitives. Idioms.
Conversation: Secrets of people. Conspiracy theories.
4. URBANIZATION
Terminology related to the topic.
Land use and value. Development and expansion of cities. Positives and negatives of living in the cities.
5. PRIMARY ECONOMIC ACTIVITY
Terminology related to the topic.
Farming. The system of agriculture. The role and importance of farming. Types of farming. Factors affecting farming.
6. Revision of units.

Recommended literature:
Keith, Kelly: Geography. Student´s book, Macmillan, Between Town Road, Oxford, 2009. ISBN: 0-230-71974-3.Units 10-11.
Kerr, Phillip; Jones, Ceri: Straitforward, Intermediate. Students' book, Macmillan, Between Town Road, Oxford, 2006. ISBN: 0-230-02078-8. Units 9-10.
Internet resources.

Language which is necessary to complete the course:

Slovak and english

Notes:

Course evaluation

Total number of students evaluated:

A	B	C	D	E	FX
a	b	c	d	e	f

Lecturers: *PaedDr. Erika Kofritová, PhD., Mgr. Barbora Laputková, PhD.*

Date of last change: *31.10.2024*

Approved by: *Mgr. Lenka Gogová, PhD.*

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKFRR/24	**Course title:** Factors of regional development

Type, load and method of training activities:
Total number of lessons: 120 lessons
Number of contact lessons: 30 lessons

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation and preparation of assignments for the seminar: 40 lessons
Self-study and preparation for the seminar paper: 30 lessons
Self-study and preparation for the exam: 20 lessons
Method: combined

Number of Credits: 4

Recommended term of study: 3rd term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites:

Conditions for course completion:

1. Continuous written test: To obtain the evaluation A, (excellent), a student has to receive at least 90%, to obtain B 80 %, for the evaluation C at least 70%, for the evaluation D 60 %, for the evaluation E of at least 50%. A student who receives less than 50% will obtain the evaluation FX.
2. Examination - Final written test: To obtain the evaluation A (excellent), a student has to obtain at least 90 %, to obtain B 80 %, for the evaluation C at least 70%, for the evaluation D 60 %, for the evaluation E at least 50%. A student who receives less than 50% will obtain the evaluation FX.
3. Preparation of a short presentation to the seminar (range 10-12 min). According to the agreed timetable about the selected factor of regional development.
4. Preparation of seminar paper - each student will prepare a seminar paper prepared on the basis of presentation (in the range of 3000-3500 words, characterizing the factor of regional development in the selected area). Evaluation of the seminal paper:

- Evaluation A. The student will obtain evaluation A, if his/her seminar paper: is stylistically and grammatically proceed on an excellent level, structure of the paper is logical, the text is accompanied by student's own graphic and cartographic attachments, in the text the current professional terminology is correctly applied, the range of paper is in the required interval, used literature and other information sources are cited correctly, in the conclusion the student formulates reasoned ideas.
- Evaluation B. The student will obtain evaluation B, if his/her seminar paper: is stylistically and grammatically proceed on a good level, structure of the paper is logical, the text is accompanied by downloaded graphic and cartographic attachments, in the text the current professional terminology is correctly applied, the range of paper is in the required interval, used literature and other information sources are cited correctly, in the conclusion the student formulates his/her own ideas.
- Evaluation C. The student will obtain evaluation C, if his/her seminar paper: is stylistically and grammatically proceed on an average level, structure of the paper is logical, the text is accompanied by downloaded graphic and cartographic attachments, in the text the current professional terminology is mostly correctly applied, the range of paper is in the required interval, used literature and other information sources are cited, in the conclusion the student sums taken ideas.
- Evaluation D. The student will obtain evaluation D, if his/her seminar paper: is stylistically and grammatically proceed on an average level, structure of the paper is mostly logical, the text is accompanied by downloaded graphic and cartographic attachments, in the text the current professional terminology is applied with errors, the range of paper is in the required interval, used literature and other information sources are cited, the conclusion of the paper is missing.
- Evaluation E. The student will obtain evaluation E, if his/her seminar paper: is stylistically and grammatically proceed below the average level, structure of the paper is quite logical, the text is not accompanied by graphic and cartographic attachments, in the text the current professional terminology is applied with errors, the range of paper is in the required interval, used literature and other information sources are cited, the conclusion of the paper is missing.
- Assessment FX. The student will obtain evaluation FX, if his/her seminar paper: is stylistically and grammatically proceed below the average level, structure of the paper is not logical, the text is not accompanied by graphic and cartographic attachments, in the text the current professional terminology is applied with errors or is not applied, the range of paper is not in the required interval, used literature and

other information sources are not cited, the conclusion of the paper is missing. Evaluation FX obtains the student who does not submits a paper in the requested period according to pre-agreed schedule.

Credits will not be awarded to a student who from a written test obtains less than 50% of points or to a student who received evaluation FX for seminar paper or a student who has not accomplished mandatory presentation to a timetable or a student who was absent from two or more seminars. Condition for participation in the exam is: processing of a short presentation, seminar paper and completion of inter-test.

Overall evaluation is calculated as the arithmetic average of the evaluations from a seminar paper, inter-test and final written test.

Educational Outcomes: By the end of the course, students will be able to:

Knowledge:

Can define and interpret the term development factor in his own words. Can name, recognize and interpret factors of regional development. He will be able to classify and classify individual factors according to the relevant selected classifications. At the same time he will be able to characterize and describe individual factors of regional development and their significance. They will know the phenomena and processes that have a decisive influence on the development of individual factors of regional development. Can identify and describe the process of evaluating a selected factor of regional development in a particular area.

Skills:

It applies the procedure for evaluating individual development factors in the analysis, planning and preparation of a specific geographical characteristic of a selected area. It independently obtains geographical information when evaluating the significance and importance of selected factors of regional development. Can apply the acquired knowledge in the creation of works requiring geographical analysis and expertise.

Competences:

Can interpret and process the results of the study of literature and other sources. These results, along with the ability to use and interpret database resources used in professional discussion to present the results.

Course Syllabus:

1. Factor of regional development as a basis concept.
2. Different approaches to the classification of factors of regional development.
3. Natural potential.
4. Location potential.
5. Human resources - demographic component.
6. Human resources - economic component.
7. Economic structure - sector structure.
8. Economic structure - capital resources and costs.
9. Technical infrastructure.
10. Social infrastructure.
11. Institutional conditions.
12. Other factors - innovation.
13. Soft localization factors.

Recommended literary resources:

BELAJOVÁ, A., FÁZIKOVÁ.: Regionálna ekonomika. SPU, Nitra, pp. 187, 2002. HAMPL, M., BLAŽEK,J., ŽÍŽALOVÁ,P.: Faktory – mechanizmy – procesy v regionálním rozvoji: aplikace konceptu kritického realizmu. Ekonomický časopis, 56, č. 7, 696-711, 2008. KLAMÁR, R.: Vývoj regionálnych disparít na Slovensku s osobitným zreteľom na regióny východného Slovenska. FPHV PU, Prešov. Acta Facultatis Studiorum Humanitatis et Naturae Univesitatis Prešoviensis, Prírodné vedy, Folia Geographica 18, 89-170, 2011. KOREC, P.: Regionálny rozvoj Slovenska v období 1989 – 2004. Geografika, Bratislava, 228 pp. ISBN 80-969338-0-9, 2005. LUKNIŠ, M.: Regionálne členenie Slovenskej socialistickej republiky z hľadiska jej racionálneho rozvoja. Geografický časopis, roč. 37, č. 2-3, 137-163, 1985. MICHAELI, E., MATLOVIČ, R., IŠTOK, R., KLAMÁR, R., HOFIERKA, J., MINTÁLOVÁ, T., MITRÍKOVÁ, J.: Regionálny rozvoj pre geografov. Vydavateľstvo Prešovskej univerzity, Prešov, 717 pp., 2010. RAJČÁKOVÁ, E.: Regionálny rozvoj a regionálna politika, UK, Bratislava, pp. 133, 2005. RUPEL, P., SLACH, O., KOUTSKÝ, J.: Měkké faktory regionálního rozvoje. Ostravská univerzita, Ostrava, pp.186, 2008. TVRDOŇ, J., HAMALOVÁ, M., ŽÁRSKA, E.: Regionálny rozvoj. Ekonomická univerzita, Bratislava, pp. 174, 1995.

Required language skills:

Slovak language

Notes: The course is taught only in winter term

Course assessment:

The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Radoslav Klamár, PhD., RNDr. Martin Angelovič, PhD.

Date of the latest revision: 31.10.2024
Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKPFG/24	**Course title:** Field Practice in Physical Geography

Type, load and method of training activities:
Total number of lessons: 120 lessons
Number of contact lessons: 90 lessons
Self-study for the Field Practice: 30 lessons
Method: combined

Number of Credits: 4

Recommended term of study: 4th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:
The preparation of primary materials to the terrain is the condition of the participation in the stationary.
The credits will not be given the student who will not participate in the stationary or will not participate in the excursion, or will not prepare the presentation according to the set conditions, or will not be active in the field research (will not use the adequate methods of the physical-geographical research, will not acquire the data by the direct research of the particular area). Moreover, the credits will not be given the student who will verbalise stylistically and scientifically below average, who will not react adequate to the questions, who will not know to give the argument, or will infringe the rules of the realisation of the Field Practice that are given by the Department - "Guidelines for Field Practice"

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- identify the basic elements of landscape;
- observe the processes and phenomena in the country;
- describe relationships among the basic elements of landscape;
- use adequate scientific methods and techniques;

Skills:
- apply the full range of methods and techniques of the physical-geographical research;
- analyze and assess acquired data thoroughly;
- plan in details the physical-geographical research;
- coordinate necessary phases of the terrain research;
- apply acquired knowledge during the presentation of the research project results;
- assess the state of the investigated territory;

Competences:
- present the results of the study of the literature and other information sources;
- take a part in the expert discussion to the presented results;
- acquire the expert competences;
- develop social and communicative competences;

Course Syllabus:
Syllabus - stationary:
The students, on the particular area by the creation of individual project (physical-geographical analysis of the investigated area), apply the information acquired by studying of different information sources, apply also the information acquired by the methods of geological, geomorphological, climatological, hydrogeographical, pedogeographical and biogeographical research from the terrain into the individual work that will be presented in the concluding colloquium in the terrain. The work with GPS and outcomes in GIS will be the part of stationary.

Syllabus - Excursion:
The aim of excursion part is to acquaint the students with the physical-geographical conditions in Slovakia and neighbouring states on the base of recognition several different natural landscape types. The students will visit the glacial alpine landscape, the carst landscape, the landscape of volcanic structures, plain and valley type of the landscape etc. during the Field Practice. The students observe especially the different types and forms of georelief that are often the main differential factor in the natural structure of the country. We will move mostly in the large protected areas - national parks and protected areas. Consequently, the students will elaborate their local notes from the visited landscape types in a textual and cartographic form in GIS.

Recommended literary resources: ČECH, V. 2015. Geografické aspekty ochrany prírody a krajiny. Vysokoškolská učebnica. FHPV PU Prešov, 221 s. ČURLÍK, J.-ŠURINA, B. 1998: Príručka terénneho prieskumu a mapovania pôd. Bratislava: VÚPÚ 1998. KOLEKTÍV AUTOROV 2000: Morfogenetický klasifikačný systém

pôd Slovenska. Bratislava, VÚPOP, 2000. KOŠŤÁLIK, J.-ŠTECOVÁ, Ľ.-NOVODOMEC, R. 1985: Metódy geografického výskumu. Košice: UPJŠ, 1985. LACIKA, J. 1999: Geomorfológia. Návody na cvičenia. Zvolen: TU, 1999. MATLOVIČ, R., KANDRÁČOVÁ, V., MICHAELI, E., 1998, Trasy za poznaním Slovenska. ATA, Prešov, 500s., ZAŤKO, M. a i. 1986: Cvičenia z fyzickej geografie. Bratislava: UK, 1986. Literatúra z jednotlivých odborov fyzickej geografie v závislosti od práce v teréne.

Required language skills:
Slovak language

Notes: The course is taught only in summer term

Course assessment:
The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturers: doc. RNDr. Vladimír Čech, PhD., doc. RNDr. Vladimír Solár, PhD., doc. RNDr. Štefan Koco, PhD., Mgr. Matúš Maxin, PhD.

Date of the latest revision: 31.10.2024

Approved by : prof. Ing. Jozef Vilček, PhD.

Course Information Sheet

University Name: University of Prešov

Faculty: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKZAE/24	**Course Title:** Foreign excursion

Type, load and method of training activities:
Total number of hours: 120 hours
Number of hours of contact lessons: 80 hours
Self-study and preparation for the graduation of a study: 40 hours
Method: combined

Number of Credits: 4 * 1 credit = 30 hours

Recommended term of study : 4th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:
Student completes the subject, as will attend the 10-day foreign excursion to selected European or world region will be active during the presentation of the predetermined topics related to the visited destinations in situ and verbally defend ready excursion itinerary after returning from the expedition.
Credits will not be awarded to a student who is not involved in field trips or a foreign student who has failed to develop a detailed itinerary according to the time schedule and location, or a student who does not advocate this itinerary on verbal evaluation after returning from the expedition, or seriously infringe the rules of implementation of foreign excursions, which are lead by regulation department of Geography and Applied Geoinformatics - "Guidelines for landscaping practices".

Learning outcomes: *student knows:*
Knowledge:
- sufficiently define the terminology of logistics preparation of a foreign excursion;
- clarify the context and relationships of the regional specificities of the European and world regions visited;
-explain and consolidate the theoretically acquired knowledge in the teaching process with real knowledge in the region in question;
- comprehensively think and orientate in non-Slovak regions on the basis of theoretical and practical training.
Skills:
- apply the acquired knowledge and procedures in planning, creating and coordinating the preparation of a foreign excursion;
- independently obtain geographical information from literature and other sources and propose appropriate methods for processing the documents needed to organize a foreign excursion;
- to design suitable methods of cartographic visualization in the processing of outputs after completing a foreign excursion.
Competencies:
- to solve problems connected with obtaining a suitable database and their processing;
- use tools and methods individually or in teams to explore individual foreign destinations;
- professionally and clearly formulate knowledge about the applied procedures and present the achieved results in relation to the issues addressed.

Course Syllabus:
Foreign excursion is implemented through student expeditions in pre-selected European or world region. Transport is realized in the form of a bus, in the case of more distant destinations have chosen the right type of means of transport (plane, train).
Accommodation takes place in the wild in a familiar place, or in the form of camp stays. Boarding takes place in an individual manner. Students will receive after completing the excursion comprehensive knowledge of the physical and human geography of cultural and historical geography, as well as issues of tourism of the region. These use their knowledge in further education process, as well as experience of staying in a foreign destination.

Recommended bibliography and other sources:
BAAR, V., ŠINDLER, B.: Regionální geografie světadílů a oceánů I. a II. díl, PdF Ostrava, 1989. BATEMAN, G., EGANOVÁ, V.: Encyklopedie Zeměpis světa, Columbus Praha, s.512, 1994. BIČÍK, I. a kol.: Makroregiony světa, Nakladatelství české geografické společnosti, s.r.o. Praha, s. 148, 2011. BOROVSKÝ, J., SMOLKOVÁ, E., NIŇAJOVÁ, I.: Cestovný ruch trendy a perspektívy. Iura Edition, spol. s r.o. Bratislava, s.280, 2008. BRADSHAW, M.,: A world Regional Geography. The New Global Order. WCB McGraw-Hill, Boston, 1997. COLE, J.,: Geography of the World´s Major Regions. New York, 1996. GAJDOŠ, A. a kol.: Regionálna geografia Európy. VEDA Bratislava, s. 592, 2013. JĘDRUSIK, M., MAKOWSKI, J., PLIT, F.: Geografia turystyczna świata. Nowe trendy.Regiony turystyczne. WUW Warszawa, s. 383, 2010. KOL.: Geografický místopisný slovník.

Academia Praha, s. 924, 1993. KOL.: Lexikon Zemí 2003, Fortuna Print Praha, s. 503, 2002. KOPŠO, E.: Geografia cestovného ruchu. SPN Bratislava, s. 328, 1992. KRÁL, V.: Fyzická geografie Evropy. Academia Praha, s. 350, 2001. KUREK, W. a kol.: Regiony turystyczne świata częśśċ 1. WN PWN Warszawa, s. 329, 2012. KUREK, W. a kol.: Regiony turystyczne świata częśśċ 2. WN PWN Warszawa, s.344, 2012. LIŠČÁK, V.: Státy a území světa. Libri Praha, s.896, 2009. MAKOWSKI, J.: Geografia regionalna świata. WN PWN Warszawa, s. 399, 2013. MAZŮREK, J.: Európske štúdie. Wist Martin, s. 623, 2003. OTRUBOVÁ E.: Humánna geografia II. Geografia zahraničného obchodu. Geografia cestovného ruchu. Prírodovedecká fakulta, Ústav geografie UPJŠ Košice, s.108, 2003. TOUŠEK, V., KUNC, J., VYSTOUPIL, J. a kol.: Ekonomická a sociální geografie. Vydavatelství a nakladatelství Aleš Čeněk, s.r.o. Plzeň, s. 411, 2008. VAŠKO, M.: Cestovní ruch a regionální rozvoj. VŠE, Praha, 2002. ZUBRICZKÝ, G.: Geografia štátov sveta. Mapa Slovakia Bratislava, s. 254, 2009.
Tourist guides - Lonely Planet, Rough Guides, Nelles Guide, Olympia and other
Magazines – GEO, National Geographic, Země světa, Lidé a země, Geografické rozhledy, Trend and other

Required language skills:
Slovak language

Notes: course is running during summer semester only

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: Mgr. Anton Fogaš, PhD.

Date of latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKZKG/24	**Course title:** Fundamentals of Cartography

Type, load and method of training activities:
Total number of lessons: 120 lessons
Number of contact lessons: 20 lessons

- Lecture: 1 lesson per week = 10 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation of maps and assignments: 50 lessons
Self-study and preparation for the ongoing evaluation: 50 lessons
Method: combined

Number of Credits: 4

Recommended term of study: 1st term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Transversal written tests. To obtain an assessment A (excellent) a student has to obtain at least 90 %, to obtain an assessment B 80 %, an assessment C at least 70 %, an assessment D 60 %, an assessment E at least 50 %. A student who receives less than 50 % will be assessed by degree of FX.
   That assessment does not apply to transversal written tests to map symbols and map scale which the student has to master the 70 %.
2. Seminar tasks – have to be submitted according to the schedule determined by the teacher. If the student does not submit the task by the deadline, the teacher has the right to demand a task in addition. If the task does not fulfill all the requirements that the teacher expects from it (conditions as well as the form of assessment introduce the teacher at the lesson before the task is assigned), the teacher may give the student redraft the task. Some seminar tasks will be assessed based on a scale referred to in paragraph 1, the other by the form attended- did not attend.
3. Final written test (To obtain an assessment A (excellent) a student has to obtain at least 90 % , to obtain an assessment B 80 %, an assessment C at least 70 %, an assessment D 60 % , an assessment E at least 50 %. A student who receives less than 50 % will be assessed by degree of FX) respectively oral examination (Student that has failed, is assessed by degree of FX).

Credits will not be awarded to a student who does not pass all the written tests of knowledge in specified percentages range, who does not submit all seminar tasks (e.g. constructed maps, relief profile, etc.) as scheduled. Condition of participation at final written test is the processing of outputs according to points 1 and 2. Overall assessment of the course is calculated as the arithmetic average of the transversal assessment on seminars (it will be 30 %) and final written test (70 %).

Educational Outcomes:
By the end of the course, students will be able to:

Knowledge:
- define and interpret in their own words what cartography is and what the position in the system of sciences is;
- describe military mapping and know the most important personalities in the field of cartography;
- name basic content and formal elements of maps;
- know the way of creating maps;
- characterize the map representation;
- describe particular types of distortion;
- know basic cartographic methods and compare them;
- characterize the state map series.

Skills:
- apply the theoretical knowledge in the creating of cartographic outputs (creating cartogram, map diagrams, hypsometric maps, land use maps, etc.).;
- individually obtain geographic information from literature and other sources;
- apply the acquired knowledge to solve practical problems (find a suitable route in the terrain, orientate correctly, and solve the examples of the map scale ...).

Competences:
- engage in professional discussions and know to take a stand to discussed topics.

Syllabus of Lectures:

1. Cartography as a scientific discipline, sub-discipline of cartography, cartographic methods.
2. The basic formal and content elements of map.
3. Display of the Earth, reference units.
4. Basic cartographic concepts (latitude and longitude, meridian, parallel and etc.), significant curves on the reference surfaces. Imaging equation, coordinate system.
5. Distortion.
6. Map projections.
7. Methods of map expression. Thematic cartography.
8. Original and derived maps. Process of creating the basic map. Cartographic generalization.
9. State map series - civilian.
10. State map series - military.
11. Cartography in the past and today. The major cartographers.
12. Military mapping. Samuel Mikovíni - an important cartographer.
13. Penetration cartography with other scientific disciplines.

Syllabus of Seminars:

1. Introducing of map signs. Orientation on different types of maps.
2. Orientation on the topographical maps (find saddle, valley, back, choose the most appropriate route, subtract the altitude). Written test of knowledge on the map signs in the range of 10 min.
3. Written test of knowledge on basic orientation on the map. The basic elements of the map. Be able to construct a land use map.
4. Calculation of the map scale. File of map sheets.
5. Written test of knowledge on the map scale in the range of 10 min. Construct broken profile relief.
6. Create a hypsometric map.
7. Transversal written test of knowledge (transversal written test of lectures content).
8. Create the map of density river network.
9. Create a map of middle slope angle.
10. Create a cartogram.
11. Create a map diagrams.
12. Measurements on maps and work with compass (azimuth detection).
13. Measurements in the field, working with GPS, laser rangefinder and compass.

Recommended literary resources:

HOJOVEC, V. A KOL.: Kartografie. GKP Praha, 1987.
JAKUBÍK, J.: Základy kartografie a topografie. Fakulta prírodných vied UMB, Banská Bystrica, 2010.
NOVÁK, V., MURDYCH, Z.: Kartografie a topografie. SPN Praha, 1988.
NIŽŇANSKÝ, B.: Základy geoinformatiky. Vysokoškolské učebné texty. Prešov, FHPV PU, 2000.
PRAVDA, J., KUSENDOVÁ, D.: Počítačová tvorba tematických máp. Vysokoškolské učebné texty. Bratislava, PRIF, UK, 2004.
ROBINSON, A. H. ET AL.: Elements of Cartography. Wiley a Sons, 1995.
TOLMÁČI, L.: Školský atlas Slovensko, 2019.
TOLMÁČI, L., MAGULA, A.: Školský geografický atlas Svet, 2021.

Required language skills:
Slovak language

Notes: The course is taught only in winter term.

Course assessment:
The total number of assessed students:

A	B	C	D	E	FX

Lecturer: JUDr. RNDr. Monika Ivanová, PhD., doc. RNDr. Štefan Koco, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. RNDr. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKZGE/24	**Course title:** Fundamentals of Geoinformatics

Type, load and method of training activities:
Total number of lessons: 120 lessons
Number of contact lessons: 30 lessons
Lecture: 1 lesson per week = 10 lessons
Seminar: 2 lessons per week = 20 lessons
Individual preparation of homework assignments: 60 lessons
Self-study and preparation for the evaluation: 30 lessons
Method: combined

Number of Credits: 4

Recommended term of study: 1st term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:
1. Homework Assignments: These must be submitted according to the schedule set by the lecturer. If a student fails to submit an assignment by the due date, the lecturer has the right to require an additional assignment from them. If the assignment does not meet all the requirements expected by the lecturer (conditions and the form of evaluation will be specified by the lecturer during the class when the assignment is detailed), the student may be asked to revise the work.
2. Exam:
- The final theoretical test: To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
- The final practical assignment: To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
- The final grade: The final grade will be determined by a combination of the scores from the final theoretical test, the final practical assignment, the homework assignments, and the student's attendance during the semester.

Credits will not be awarded to a student who fails to submit any of the homework assignments or to a student who is graded FX in the final theoretical test or the final practical assignment.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- define and characterize geoinformatics as an independent scientific discipline;
- describe and explain the concept of a geographic information system;
- explain basic concepts and terminology in geographic information systems;
- describe the technical infrastructure of GIS, including software and hardware components;
- differentiate between different types of data in GIS, such as vector and raster data models, and explain their use in various applications;
- identify and describe sources of geographic data and methods for their acquisition and processing;
- interpret in one's own words the possibilities of using GIS in practice;
- understand and interpret visualization techniques in GIS, including the creation of choropleths, cartograms, and other forms of data visualization.
Skills:
- load and process geographic information in GIS software, including vector and raster layers;
- create and modify map layers according to specific project requirements, including georeferencing and vectorization;
- utilize advanced features of GIS software, such as joins and relationships, for data integration and analysis;
- correctly use cartographic and analytical techniques for the visualization and presentation of geographic data according to cartographic rules.
Competences:
- independently solve geographic problems using GIS technologies based on existing data sources;
- by integrating various kinds of geographic data, design and develop comprehensive GIS projects;
- adapt GIS technologies to solve specific problems in land management and other applied areas.

Course Syllabus:
Syllabus of Lectures:

1. Geoinformatics as an independent scientific discipline
2. Introduction to Geographic Information Systems (GIS) – Terminology; Basic principles of GIS operation
3. Historical overview of GIS development
4. GIS technical infrastructure – Software and hardware equipment
5. Data in GIS – Geographic information
6. Data in GIS – Database interface; Topology; Scale
7. Data models in GIS – Vector data models
8. Data models in GIS – Raster data models
9. Geographic positioning of data – Projections, Coordinate systems
10. Coordinate reference systems used in Slovakia
11. Visualization and cartographic presentation in GIS – Principles and guidelines; Creation of map outputs
12. Freely available sources of geographic data – Geoportal ÚGKK, Natural Earth Data, OpenStreetMap
13. Application of GIS in land management

Seminary Syllabus:

1. Introduction to the QGIS software environment - Description of the main parts of the user interface, environment configuration options, loading vector and raster layers, working with basic tools, setting the coordinate system.
2. Creating a new map layer based on the selection of features from an existing layer/attribute table. Modifying map layer properties. Options for visualizing geographic information.
3. Basic modification and creation of map output with all necessary components. Specification of homework assignment No. 1.
4. Joins function in QGIS software (Part 1) - Options for linking external sources with layers in GIS. Visualization of geographic information (choropleths).
5. Joins function in QGIS software (Part 2) - Options for linking external sources with layers in GIS. Visualization of geographic information (cartodiagrams). Specification of homework assignment No. 2.
6. Creating new geographic information - Introduction to vectorization. Creation of new point, line, and polygon features in QGIS software. Specification of homework assignment No. 3.
7. Practicing vectorization of thematic maps - Vectorization of a geological structure map of a selected area.
8. Use of raster backgrounds in the creation and processing of new geographic information - Georeferencing. Demonstration of the georeferencing process in QGIS software.
9. Practicing georeferencing on a specific assignment. Creation of a complete map output.
10. Combined use of existing geographic information with the creation of original layers in solving project-oriented tasks in land management.
11. Review - Processing a complete GIS assignment from loading layers to full map output with all necessary components. Specification of homework assignment No. 4.
12. Final theoretical test and final practical assignment.
13. Evaluation - Discussion on the achieved results and acquired experiences.

Recommended literary resources:

KLAUČO, M. - WEIS, K. - GREGOROVÁ, B. - ANSTEAD, L., 2014: Geografické informačné systémy 1. Vysokoškolské učebné texty. Banská Bystrica, Vydavateľstvo Univerzity Mateja Bela, Belianum. 71 s., ISBN 978-80-557-0679-5.

HOFIERKA, J. - KAŇUK, J. - GALLAY, M., 2014: Geoinformatika. Vysokoškolská učebnica. Košice, Univerzita Pavla Jozefa Šafárika. 194 s.

HOFIERKA, J., 2003: Geografické informačné systémy a diaľkový prieskum Zeme. Vysokoškolské učebné texty. Prešov, FHPV PU. 106 s.;

NIŽŇANSKÝ, B., 2000: Základy geoinformatiky. Vysokošk. učebné texty. Prešov, FHPV PU. 232 s.;

TUČEK, J., 1998: Geografické informační systémy. Principy a praxe. Computer Press, Praha, 424 s.;

LONGLEY, P. A., GOODCHILD, M. F., MAGUIRE, D. J., RHIND, D. W., 2001: Geographic Information Systems and Science. John Wiley & Sons.;

PRAVDA, J., KUSENDOVÁ, D., 2004: Počítačová tvorba tematických máp. Vysokoškolské učebné texty. Bratislava, PRIF UK. 248 s.;

MENKE, K., 2022: Discover QGIS 3.x - Second Edition: A Workbook for Classroom or Independent Study. Locate Press, 432 p. ISBN-13: 978-0986805257;

NETELER, M., MITASOVA, H., 2004: Open Source GIS: A GRASS GIS Approach. Second Edition. Boston: Kluwer Academic Publisher, 401 s.

Required language skills:

Slovak language

Notes: The course is taught only in winter term

Course assessment:

The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Štefan Koco, PhD., Mgr. Jana Michalková, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKZMA/24	**Course title:** Fundamentals of Management in Geography

Type, load and method of training activities:
Total number of lessons: 150 lessons
Number of contact lessons: 30 lessons
Lecture: 2 lessons per week = 20 lessons
Seminar: 1 lesson per week = 10 lessons
Individual preparation of seminar assignment: 40 lessons
Self-study and preparation for the exam: 80 lessons
Method: combined

Number of Credits: 5

Recommended term of study: 3rd term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:
Seminar Assignment – preparation (according to the lecturer's guidelines) and submission of a comprehensive project addressing a real-world issue related to land management.

Exam:

- Final Theoretical Test: To achieve a grade of A (excellent), a student must score at least 90%, for a grade of B at least 80%, for a grade of C at least 70%, for a grade of D at least 60%, and for a grade of E at least 50%. A student who scores below 50% will be graded FX.
- The final grade will be determined as a cumulative assessment of the final theoretical test, the seminar assignment, active participation in seminars, and student attendance during the semester.

Credits will not be awarded to a student who does not submit the seminar assignment or who receives an FX grade in the final theoretical test.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- explain basic concepts of management and its importance in the geographic context and land management;
- describe the historical development of management theories and distinguish between classical and modern management approaches;
- define the main managerial functions and their application in geography;
- understand the basics of strategic planning and its significance in managing landscape projects;
- identify and explain decision-making processes and tools in management;
- outline principles of teamwork, communication, and human resource management;
- describe the project cycle, resource planning, and the importance of documentation in project management;
- explain principles of risk and sustainable management and their application in landscape and environmental projects;
- describe basic principles of financial management, budgeting, and cost planning in geographic projects;
- understand GIS technology applications in management and their benefits for effective project management.

Skills:
- create a basic strategic and project plan for geographic and landscape projects;
- apply managerial functions in practice, including effective planning, organizing, leading, and team control;
- conduct decision-making processes in a geographic context and effectively use decision-making tools;
- utilize principles of teamwork and leadership for effective human resource management in projects;
- identify and analyze risks in projects and propose strategies for their management;
- implement sustainable management principles in specific projects with a focus on ecological solutions;
- develop a basic budget and prepare a financial plan for a geographic project;
- use GIS tools to analyze geographic data and integrate them into the management process.

Competences:
- independently and responsibly design and manage geographic projects with an emphasis on sustainable management;
- critically evaluate and adapt modern management approaches and decision-making tools to meet the needs of geographic projects;
- manage a project team and effectively allocate resources to achieve project goals;

- combine management and geographic approaches in identifying and addressing risks in project management.
- integrate GIS technologies and tools into project management, enhancing their efficiency and adaptability to modern challenges in geography.

Course Syllabus:

Syllabus of Lectures:

1. Introduction to Management in Geography – Definition of management, its significance in geography and landscape management; overview of management approaches in the geographic context.
2. Basic Management Concepts and Terminology – Key terms in management, including resource management, processes, and objectives.
3. Historical Development of Management – Evolution of management theories, from classical approaches to modern methods.
4. Managerial Functions – Planning, organizing, leading, and controlling.
5. Strategic Planning in Geography – Fundamentals of strategic planning and its application in landscape management.
6. Decision-Making in Management – Types of decisions, decision-making process, and tools.
7. Human Resource Management – Teamwork, communication, and team leadership in landscape-focused projects.
8. Project Management in Geography – Project cycle, resource management, and project documentation.
9. Risk Management – Identification and management of risks in landscape and environmental projects.
10. Sustainable Management – Integration of sustainability principles into management practices.
11. Financial Management for Geographers – Budgeting, costs, and financial planning for geographic projects.
12. Use of GIS in Management – Application of GIS technologies for effective management of geographic projects.
13. Applications of Management in Geography – Case studies and practical examples of management approaches.

Seminary Syllabus:

During the semester, students will work on designing a comprehensive project that offers a solution to a real-world issue related to landscape management (e.g., natural resource conservation, community infrastructure improvement, climate change adaptation). The project should consider environmental, social, and economic aspects and be based on sustainable principles. The project proposal will encompass all aspects covered in lectures: *Problem identification and project objectives; Environmental analysis; Strategic planning and timeline; Team structure and roles; Risk management; Sustainable solutions; Financial plan; Application of GIS and technologies; Project presentation and documentation.*

Recommended literary resources:

SOLÍS, P. - ZEBALLOS, M., 2023: Open Mapping towards Sustainable Development Goals: Voices of YouthMappers on Community Engaged Scholarship. Cham, Springer Nature.

SOLÍS, P. - ANDERSON, J. - RAJAGOPALAN, S., 2020: Open geospatial tools for humanitarian data creation, analysis, and learning through the global lens of YouthMappers. Journal of Geographical Systems. Dostupné na: https://doi.org/10.1007/s10109-020-00339-x

ŠTAMPACH, R. - HERMAN, L. - TROJAN, J. - TAJOVSKÁ, K. - ŘEZNÍK, T., 2021: Humanitarian mapping as a contribution to achieving sustainable development goals: Research into the motivation of volunteers and the ideal setting of mapathons. Sustainability, 13(24), 13991. Dostupné na: https://doi.org/10.3390/su132413991

MICHALKOVÁ, J. - MICHALKO, M. (Eds.), 2023: Mapping Our World With Open Geospatial Tools: A Practical Guide for High School Teachers. Prešov, University of Prešov. Dostupné na: https://euthmappers.gitbook.io/euthmappers-handbook/

HAKLAY, M. - WEBER, P., 2008: OpenStreetMap: User-Generated Street Maps. IEEE Pervasive Computing, 7(4), s. 12–18.

GOODCHILD, M.F., 2007: Citizens as Sensors: The World of Volunteered Geography. GeoJournal, 69, s. 211–221.

DENWOOD, T. - HUCK, J. - LINDLEY, S., 2022: Participatory Mapping: A Systematic Review and Open Science Framework for Future Research. Annals of the American Association of Geographers, 112, s. 1–20.

Required language skills:

Slovak language

Notes: The course is taught only in winter term

Course assessment:

The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Štefan Koco, PhD., Mgr. Jana Michalková, PhD.
Date of the latest revision: 31.10.2024
Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKGAE/24	**Course title:** Geoecology and Environmental science

Type, load and method of training activities:

Total lessons: 60 lessons

Number of contact lessons: 20 lessons

- Lecture: 1 lesson per week = 10 lessons
- Seminar: 1 lesson per week = 10 lessons

Self-study and preparation for lessons / evaluation: 40 lessons

Method: combination

Number of Credits: 4

Recommended term of study: 5th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites:

Conditions for course completion:

1. Minimum 80 % attendance at lectures and seminars.
2. Elaboration of thematic seminar work and its presentation.
3. Final written test, which is possible to complete by oral examining.

Assessment A obtains a student if his work is elaborated stylistically and grammatically on an excellent level and it highly correlates thematically and semantically with the lectured topic.

Assessment B obtains a student if his work is elaborated stylistically and grammatically on a good level and it correlates very well thematically and semantically with the lectured topic.

Assessment C obtains a student if his work is elaborated stylistically and grammatically on an average level and it correlates very well thematically and semantically with the lectured topic.

Assessment D obtains a student if his work is elaborated stylistically and grammatically on an average level and it correlates well thematically and semantically with the lectured topic.

Assessment E obtains a student if his work is elaborated stylistically and grammatically on an under-average level and it correlates sufficiently thematically and semantically with the lectured topic.

Assessment FX obtains a student if his work is elaborated stylistically and grammatically on an under-average level and it correlates insufficiently thematically and semantically with the lectured topic.

Complementary oral exam is possible on the basis of the decision of the examiner or, in the contested case on the basis of the student´s request.

4. On the basis of student´s request it is possible to take an exam in a form of personal interview.

Educational Outcomes: By the end of the course, students will be able to:

Knowledge:

- define and interpret in their own words the concepts such as object and subject of ecology, environmental science, geography, their specifics and meaning;
- understand and comment recent ecological and environmental problems in Slovakia and in the world;
- required knowledge apply and interpret in the landscape generally and also particularly in individual areas;
- to categorize the landscape from the point of view of its stability, loading, potential and capacity;
- orientate in the problems of environmental protection

Skills:

- interpretation of the problems of nature and landscape protection
- application of relevant legislation in the area of soils, water and air protection
- application of required knowledge at applying for a job position demanding geoecological expert opinion;

Competences:

- present results of studying literature and other sources;
- join professional discussion regarding presented results.

Brief Course Syllabus:

Syllabus of Lectures:

1. What is geoecology and environmental science about (terms and definitions) – introduction to the subject
2. Global environmental crisis and its solutions
3. Permanently sustainable development – the base for global environment crisis solution
4. Landscape ecology, landscape space, landscape picture, anthropogenic changes in the landscape.
5. Landscape stability, anthropogenic changes in the landscape.
6. Loading and load carrying capacity
7. Landscape potential

8. Carrying capacity
9. Protection of nature and landscape (regional and generic) – management, principles, legislation, institutions
10. Environmental pollution – air protection
11. Environmental pollution – water protection
12. Environmental pollution – soils protection
13. Environmental pollution – waste

Recommended literary resources:

Vilček, J., Bedrna, Z., Hronec, O. Environmentálna pedológia. SPU, Nitra, 2005, 297 s. ISBN: 80-8069-501-6.
Hronec, O., Vilček, J., Tomáš, J. a kol. Kvalita zložiek životného prostredia v problémových oblastiach Slovenska, Mendelova univerzita v Brne, 2010, 225 s., ISBN: 978-80-7375-387-0
Drdoš, J., 1999: Geoekológia a environmentalistika I časť., Vysokoškolské učebné texty. FHPV PU Prešov.
Čech, V., Drdoš, J.: Geoekológia a enviromentalistika I: náuka o krajine, jej predmet a metodika skúmania. - 1. vyd. - Prešov, FHPV PU Prešov, 2009. - 181 s. - ISBN 978-80-8068-981-0.
Tremboš, P., Mičian, Ľ, Minár, J., Hradecký, J. Geoekológia, UK Bratislava, 2009, 111 s.
Zákon č. 543/2002 o ochrane prírody a krajiny
Zákon 478/2002 o ochrane ovzdušia v znení novších predpisov
Zákon 364/2004 o vodách v znení novších predpisov
Zákon 220/2004 o ochrane a využívaní poľnohospodárskej pôdy v znení novších predpisov
Zákon 223/2001 o odpadoch v znení novších predpisov

Required language skills: Slovak language

Notes: The course is taught only in summer term

Course assessment

The total number of assessed students :

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: prof. Ing. Jozef Vilček, PhD., doc. RNDr. Vladimír Čech, PhD.

Date of the latest revision : 31.10.2024

Approved: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Code: 2GAG/MKGPP/24	**Title of Course:** Geography of agriculture and industry

Type, load and method of training activities:
Total number of lessons: 150 hours
Number of contact lessons: 30 lessons

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation and preparation of assignments for the seminar: 50 lessons
Self-study and preparation for the exam: 70 lessons
Method: combined

Number of Credits: 5

Semester: 2nd term

Degree/Level: 1st degree in the study programme: Geography and Land Management

Prerequisites:

Grading Policy (Assessment/Evaluation):

1. Preparation of the 6 assignments (programmes) on a given topic and according to a predetermined structure. A student has to submit assignments on time, according to the fixed schedule.
2. Exam - written test: To obtain the evaluation A (excellent), a student must receive at least 90%, 80% for B, 70% for C at least, 60% for D, and at least 50% for E. A student who receives less than 50% receives FX.

Credits will not be awarded to a student who will receive for written test less than 50% points, to a student who will not prepare all the required assignments according to the established timetable or to a student who will miss 2 or more seminars. A preparation of the assignments is condition for participation in the final exam.

Aims and Objectives: By the end of the course, students will be able to:
Knowledge:
Clearly define and interpret the concepts such as of geography of agriculture and geography of industry, clarify the importance of development of agriculture and industry in history of human society and categorize the localization factors affecting agricultural and industrial production. At the same time, it can describe basic typology of agriculture in the world, basic principles of agricultural policy and geographical overview of industries. In the context of Slovakia's conditions, he can clarify the relationship between agriculture and the rural landscape.
Skills:
Independently acquire geographic information from literatury and other sources as well as statistical data when evaluating agricultural and industrial structure in the selected region, process them and suggest appropriate methods of their cartographic interpretation and visualization.
Competences:
To solve independently or in a team problems with the acquisition and processing of adequate geographical data related to agricultural and industrial production. Can professionally and clearly present the results and engage in professional discussion in relation to the issues addressed.

Syllabus/Indicative Content:

1. Development of the geography of agriculture, development of agriculture in the history of human society.
2. Factors affecting agricultural production.
3. The map of land use and the valuation process of agricultural land.
4. Typology of agriculture.
5. Animal and crop production.
6. Agriculture and Rural Development.
7. Agriculture and landscape protection.
8. Development of the geography of industry.
9. Characteristic features of the industrial production.
10. Factors influencing localization of the industry and basic geographical assessment methods of industry.
11. Theories of industrial localization.
12. Geographic overview of selected industries I.
13. Geographic overview of selected industries II.

Suggested readings:

BENEŠ, J.: Počátky zemědělství ve starém světě. České Budějovice: Jihočeská univerzita, ISBN 978-80-7394-697-5, 351 s., 2018. BIELEK, P., ŠURINA, B., ILAVSKÁ, B., VILČEK, J.: Naše pôdy (poľnohospodárske), Bratislava: VÚPÚ, ISBN 80-85361-42-6, 80 s., 1998. KLAMÁR, R., KROKUSOVÁ, J.: Štruktúra priemyslu v Prešovskom kraji. Folia Geographica 8, ISSN 1336-6157, 34-65, 2005. KLAMÁR, R., ROSIČ, M..: Regional disparities in Prešov region according to the structure of industry. Folia Geographica 14, ISSN 1336-6157, 121-154, 2009. MLÁDEK, J.: Teritoriálne priemyselné útvary Slovenska. UK Bratislava, 290 s., 1990. POPJAKOVÁ, D.: Základné kapitoly z geografie priemyslu. FHPV PU Prešov, 141 s., 1997. SPIŠIAK, P.: Základy poľnohospodárstva a lesného hospodárstva. Bratislava: UK, ISBN 80-223-2022-6, 152 s., 2000. POPJAKOVÁ, D., MINTÁLOVÁ, T.: Teoreticko-metodologické kapitoly z geografie priemyslu: priemysel ako objekt výskumu geografie. In Geografická revue, 15, 2, ISSN 2585-8947, 74-93, 2019. SPIŠIAK, P. a kol.: Agrorurálne štruktúry Slovenska po roku 1989. Bratislava: Geo-grafika, 183 s., 2005. VILČEK, J., ZVERKOVÁ, M.: Pedogeografia. Prešov: vydavateľstvo PU, ISBN 978-80-555-1384-3, 200 s., 2015.

Language of Instruction:
Slovak language

Other course information: The course is taught only in the summer term

Grading history
The total number of assessed students:

A	B	C	D	E	FX

Lecturer/Instructor: doc. RNDr. Radoslav Klamár, PhD., prof. Ing. Jozef Vilček, PhD.

Last update: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course Information Sheet

University Name: University of Prešov

Faculty: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKGKC/24	**Course Title:** Geography of cultures and civilizations

Type, load and method of training activities:
Total number of hours: 90 hours
Number of hours of contact lessons: 20 hours

- Lectures = 10 hours
- Seminars = 10 hours

Preparation of presentations: 10 hours
Preparation of essay: 20 hours
Self-study and preparation for examination: 40 hours
Method: combined

Number of Credits: 3 * 1 credit = 30 hours

Recommended term of study : 3rd term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Ongoing written test: to obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Ongoing evaluation – final written test: to obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
3. Prepare a short presentation to the seminar (range 10-15 min.) According to the agreed timetable of selected world cultural and civilizing center, or about the selected historical region of Slovakia.
4. Preparation of term paper - each student will prepare a term paper in the range of 3500-4000 words, which characterizes the one selected world cultural and civilizational center, or a history of Slovak regions.

Credits will not be awarded to a student who from a review written for less than 30% points or a student who received a term paper for evaluation FX or student who has not drawn a mandatory presentation to a timetable or a student who was absent for three or more seminars. Condition for participation in the trial is processing a short presentation and seminar work.
Overall evaluation object is calculated as the arithmetic average of the ratings for a term paper, interim and final written test.

Learning outcomes: *student knows:*
Knowledge:
- define in sufficient depth and cross-sectionally the basic knowledge concerning the categorization of culture according to different models;
- clarify and briefly characterize the basic cultural elements - language, script, religion;
- explain cultural civilization conflicts in the past and present;
- to know the phenomena and processes that have a decisive influence on the development of global macro-regions in terms of cultural diversity;
- to think comprehensively in relevant historical-geographical and cultural-geographical contexts in specific world macro-regions.

Skills:
- to actively apply an appropriate procedure in the analysis of a selected world or Slovak region from a cultural-geographical point of view using the basic elements of the geography of cultures and civilizations;
- independently obtain geographical information from literature and other sources and propose suitable methods for processing the given data.
expertise;
Competencies:
- to solve problems connected with obtaining a suitable database and their processing;
- use tools and methods independently or in teams in the study of cultural civilization phenomena;
- professionally and clearly formulate knowledge about the applied procedures and present the achieved results in relation to the issues addressed.

Course Syllabus:

1. Geography of cultures and civilizations - the definition and basic concepts.
2. Cross-section of the basic historical events in the development of human society.
3. The oldest world cultural and civilizational centers.
4. Language and writing - essential elements of geography cultures and civilizations.
5. Nations and ethnic groups of the world - developmental signs and patterns.
6. Relig - an essential element of geography cultures and civilizations - the world's major religious - philosophical directions.
7. World Heritage Sites - the world's leading cross-section of sites included on the UNESCO list.
8. World cultural and civilizational regions and their specifications.
9. World theory of dialogue and the clash of cultures and civilizations.
10. Collapse and regeneration of world cultures and civilizations.
11. Cross-section of cultural history of Slovakia - cultural - geographical regions of Slovakia.
12. World Heritage Sites in Slovakia.
13. Current problems of the contemporary world with a focus on cultural civilization aspects (eg EU migration policy, ethnic and religious conflicts in the world, world pandemics - covid 19, etc.).

Recommended bibliography and other sources:

ANDĚL, J.: Kulturní geografie. Jazyk, národy, náboženství, kulturní dědictví. FP UJEP Ústí nad Labem, s.146, 1998. BAAR, V.: Národy na prahu 21. století. Emancipace nebo nacionalismus? Ostravská univerzita. Nakladatelství Tilia, Ostrava, s. 415, 2002. BÁRTA, M., KOVÁŘ, M. a kol.: Kolaps a regenerace:cesty civilizací a kultur. Minulost, současnost a budoucnost komplexních společností. Academia Praha, s. 813, 2011. BÁRTA, M., KOVÁŘ, M. a kol.: Civilizace a dějiny. Historie světa pohledem dvaceti českých vědců. Academia Praha, s.557, 2013. BATEMAN, G., EGANOVÁ, V.: Encyklopedie Zeměpis světa, Columbus Praha, s. 512, 1994. BLEHOVÁ, I.: Kultura jako faktor politického života v islámských společnostech arabských zemí. Mezinárodní vztahy, 3, Praha, s.45-63, 2002. BRADSHAW, M., : A world Regional Geography. The New Global Order. WCB McGraw-Hill, Boston, 1997. BUREŠ, J.: Dialog kultur a civilizací v režii nově vzniklé Nadace Anny Lindhové. Bulletin Společnosti přátel Afriky a Společnosti česko- arabské, 2-3, Praha, s.8-11, 2005. COLE, J.,: Geography of the World´s Major Regions. New York, 1996. DE BLIJ, H.J., MULLER, P.O.,: Geography. Regions, Realms, and Concepts. John Wiley and Sons, New York, 2001. DIAMOND, J.: Osudy lidských společností. Columbus, Praha, s. 525, 2000. FUKUYAMA, F.: Konec dějin a poslední člověk. Rybka Publishers, Praha, s. 379, 2002. GAJDOŠ, A. a kol.: Regionálna geografia Európy. VEDA Bratislava, s. 592, 2013. GEISS, I.: Dějiny světa v souvislostech. Ivo Železný, Praha, s. 529, 2005. HUNTINGTON, S.P.: Střet civilizací. Boj kultur a proměna světového řádu.Rybka Publishers, Praha, s. 447, 2001. JĘDRUSIK, M., MAKOWSKI, J., PLIT, F.: Geografia turystyczna świata. Nowe trendy.Regiony turystyczne. WUW Warszawa, s. 383, 2010. JOHNSON, P.: Dějiny 20. století. Rozmluvy, Praha, s. 845, 1991. KOL.: Geografický místopisný slovník. Academia Praha, s. 924, 1993. KOL.: Lexikon Zemí 2003, Fortuna Print Praha, s. 503, 2002. KOLLÁR, D., LACIKA, J., PODOLÁK, P.: Slovensko. Putovanie po regiónoch. Dajama Bratislava, s. 454, 2003.KOMOROVSKÝ, J a kol.: Religionistika a náboženská výchova. Terminologický a výkladový slovník 3. zväzok edície. F.R.& G.spol. s.r.o., Bratislava, s. 420, 1997. KREJČÍ, J.: Civilizace Asie a Blízkého východu náboženství a politika v souhře a střetání. Univerzita Karlova. Vydavatelství Karolinum, Praha, s. 307, 1993. KREJČÍ, J.: Postižitelné proudy dějin. Civilizace a sociální formace, struktury a procesy, kultura a politika, revoluce a renesance, náboženství, národy a státy.Slon, Praha, s. 563, 2002. KROPÁČEK, L.: Islám a Západ. Historická paměť a současná krize.Vyšehrad, Praha, s. 197, 2002. KRUPA, V., GENZOR, J.: Jazyky sveta v priestore a čase. VEDA Bratislava, s. 356, 1996. KRUPA, V. (ed.): Orient a okcident v kontaktoch a konfrontáciách. VEDA Vydavateľstvo SAV, Bratislava, s. 116, 1999. KUREK, W. a kol.: Regiony turystyczne świata częśść 1. WN PWN Warszawa, s.329, 2012. KUREK, W. a kol.: Regiony turystyczne świata częśść 2. WN PWN Warszawa, s.344, 2012. LIŠČÁK, V.: Státy a území světa. Libri Praha, s.896, 2009. MATLOVIČ, R.: Geografia relígií. FH a PV PU v Prešove, s. 375, 2001. PAVLINCOVÁ, H. a kol.: Slovník-judaismus, křesťanství, islám. Mladá fronta, Praha, s. 469, 1994. ZUBRICZKÝ, G.: Geografia štátov sveta. Mapa Slovakia Bratislava, s. 254, 2009.

Required language skills:
Slovak language

Notes: course is running during winter semester only

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: Mgr. Anton Fogaš, PhD.

Date of latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKGVS/24	**Course title:** Geography of public administration

Type, load and method of training activities:

Total number of lessons: 150 lessons

Number of contact lessons: 30 lessons

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation and preparation of assignments for the seminar: 40 lessons

Self-study and preparation for the exam: 80 lessons

Method: combined

Number of credits: 5

Recommended term of study: 4th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Interim written test*:* To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Exam – final written test: To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
3. Preparation of seminar presentations (2 students will prepare power point presentation (min. 8 slides) according to the agreed timetable, to issue of theoretical aspects of public administration and current issues of modernization of public administration in the Slovak republic.

Credits will not be awarded to a student who, from a written review gained less than 30% points or to student who for a short presentation received grade FX, also to a student who did not prepare all mandatory presentation according to the timetable, respectively has not been active on three or more seminars. The activity means the presentation and participation on discussions (comments, critical comment, questions). Condition for participation on exam is processing the output of the point no. 3.

Overall rating of the course is calculated as the arithmetic average of the ratings for the interim and final written test.

Educational Outcomes: By the end of the course, students will know:

Knowledge:

sufficiently cross-sectionally define and interpret the concept of public administration and characterize its structure, characterize the basic concepts related to public administration and its organization, describe the territorial division in the context of public administration organization, know the importance of administrative function in terms of urban development and theoretical aspects of institutional and spatial reform of public administration. Characterize the basic features of individual periods of development of spatial public administration in Slovakia until 1989, know the specifics of institutional organization of public administration in Slovakia in the period of socialism in the context of influencing the settlement structure and development of institutional public administration reform in 1990 to 1996. Define the basic features of the current territorial-administrative division of the Slovak Republic in the context of critical evaluations, know the development of public administration in Slovakia after 1996. Describe the current institutional organization of public administration in the Slovak Republic in the context of state administration and regional and local self-government, know the professional basis for municipal reform in Slovakia and the basic features of public administration in neighboring countries and in selected European countries.

Skills:

actively apply the acquired knowledge in further study and in professional practice, independently obtain relevant information for research of development and current state of institutional and spatial organization of public administration, present the results of study of literature and other sources and participate in professional discussion on public administration issues.

Competences:

can independently acquire new knowledge and actively expand their knowledge of public administration issues, solve professional tasks independently or in a team, engage in professional discussion of the presented results, develop social and communication competencies.

Course Syllabus:

1. Public administration, its structure and basic terms.
2. Position of geography in public administration research. Basic research bases of geography in the analysis of the spatial aspects of public administration.
3. Theoretical aspects of territorial and administrative subdivision of the state, focusing on its spatial expression.
4. City as the seat of public administration. Administrative functions of the city.
5. Objectives of the reform of public administration. Spatial and institutional reform of public administration.
6. Spatial aspects of territorial and administrative subdivision of the state in the context of the implementation of institutional reform of public administration.
7. Development of spatial organization of public administration in Slovakia from ancient times to the present.
8. The main features of the reform of public administration in Slovakia from 1990 to 1996 in terms of its content and spatial context.
9. The current territorial-administrative division of the Slovak Republic.
10. The development of public organizations in Slovakia after 1996 – the institutional and spatial aspects.
11. Evaluation of the current state of public sector organizations in Slovakia.
12. Municipal reform in Slovakia.
13. Geographical aspects of interstate comparisons of systems of territorial and spatial division.

Recommended literary resources:

GAJDOŠ, P., MORAVANSKÁ, K., FALŤAN, Ľ.: Špecifiká sídelného vývoja na Slovensku. Typologická analýza sídiel. Sociologický ústav SAV, Bratislava 2009. IŠTOK, R., MATLOVIČ, R., MICHAELI, E.: *Geografia verejnej správy.* FHPV PU, Prešov 1999. JÁČ, I.: Jedinečnost obce v regionu. Professional Publishing, Praha 2010. KLIMOVSKÝ, D.: *Základy verejnej správy.*WoltersKluwer, Bratislava 2014. KOL.: *Úvod do regionálních a správníchvěd a veřejné správy.* Plzeň 2007. KOREC, P. a KOL.: Kraje a okresy Slovenska. Nové administratívne členenie. Q111, Bratislava 1997. *Slovensko. Súhrnná správa o stave spoločnosti.* IVO, Bratislava(vychádza každoročne). NIŽŇANSKÝ, V.: Decentralizácia na Slovensku. Úrad vlády Slovenskej republiky, Bratislava 2005. NIŽŇANSKÝ, V.: Verejná správa na Slovensku. Úrad vlády Slovenskej republiky, Bratislava 2006. ŠPROCHA, B., TEŠLIAR, P.: Lexikóny obcí pre územie Slovenska. Vybrané úradné lexikóny z rokov 1920 – 2002. Infostat, Bratislava 2009. ŽUDEL, J.: Stolice na Slovensku. Obzor, Bratislava 1984.

Required language skills:

Slovak language

Notes: The course is taught only in spring term

Course assessment:

Total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: prof. RNDr. Robert Ištok, PhD., RNDr. Martin Angelovič, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKGER/24	**Course title:** Geography of Religion

Type, load and method of training activities:
Total number of lessons: 60 hours
Number of contact lessons: 10 hours

- Lecture: 1 lessons per week = 10 lessons

Preparation of the presentation: 20 lessons
Self-study and preparation for the final written test: 30 lessons
Method: combined

Number of Credits: 2

Recommended term of study: 3rd term

Degree of study: 1st degree in the study programme Geography and Land Management

Prerequisites: -

Conditions for course completion:

5. Prepare a short presentation to the seminar (range 10-15 min.) According to the agreed timetable of selected world topics related to Geography of Religion.
6. Final written test: to obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.

Credits will not be awarded to a student who does not prepare a presentation according to the time schedule. Double detected unexcused absence from lectures is the reason for the overall assessment mark of FX.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
The student is able to define and interpret the structure of the religion (doctrine, cult and organization) and to name the main directions of empirical religious-geographical research, classify the religion and define the relationships between the religion. Can list national and universal religions and natural (ancestral) religions in today's world. It describes the genesis of religions and the concepts of the origin of religion. It interprets the current religious structure of Slovakia and identifies state-registered churches in Slovakia.
Skills:
It applies the procedure according to Hettner's scheme of geographical systematics in the relationship between religious systems and geographical sphere (natural environment, population, settlements, economy, politics, regional development); Independently interprets information from the literature and other sources related to the field of Geography of Religions.
Competences:
Can formulate conclusions in a professional and comprehensible way, which result from the analysis of relations between individual religions in the regions of the world. Identifies conflict areas and zones between religions.

Course Syllabus - Lectures:
1. Geography of religions as a scientific discipline.
2. Development of geography of religions, main directions of empirical religious-geographical researches, institutional background of geography of religions in the world, geography of religions in Slovakia.
3. Concept, structure and classification of religions - definition of religion as a subject of geographical research, structure of religion (doctrine, cult, organization).
4. Classification of religions, relations between religions, atheism and its forms.
5. Geographical aspects of family religions.
6. Geographical aspects of national religions - Judaism and Zoroastrianism.
7. Geographical aspects of national religions - Hinduism, Jainism and Sikhism
8. Geographical aspects of national religions - Confucianism, Taoism and Shintoism.
9. Geographical aspects of universal religions - Buddhism.
10. Geographical aspects of universal religions - Christianity.
11. Geographical aspects of universal religions - Islam.
12. Geographical aspects of the new religiosity.
13. Geography of religions in the Slovak Republic.

Recommended literary resources:
BOYETT, J. 2016. 12 Major World Religions: The Beliefs, Rituals, and Traditions of Humanity's Most Influential Faiths, Berkeley: Zephyros Press, s. 302, ISBN 978-1-62315-692-3. BOWKER, J. 2006. World Religions: The Great Faiths Explored & Explained, London: DK, 216 s., ISBN 978-0-7566-1772-1. MATLOVIČ, R.: Geografia relígií. Náčrt problematiky. FHPV PU Prešov, 2001. KOKAISI, P.: Geografie náboženství Úvod do problematiky

studia světových náboženských systémů. ČZU UK-Ekonomická fakulta, 265 s. DUÉ, A., LABOA, J.M.: Obrazový atlas dějín křesťanství. Portál, Praha, 1988. JACKOWSKI, A.: Zarys geografii pielgrzymek. Zeszyty Naukowe UJ, Prace Geograficzne UJ, z. 85, UJ Kraków, 1991. JACKOWSKI,A., SOŁJAN,I., BILSKA-WODECKA,E.: Religie świata. Szlaki pielgrzymkowe. Wielka encyklopedia geografii świata, tom XV. Kurpisz, Poznań, 1999, 360 s. MARGUL, T.: Religia a przestrzeń i krajobraz. Skrypty Uczelniane nr. 526, Instytut Religioznawstwa, Uniwersytet Jagielloński, Kraków, 1986, 144 s. PARK, Ch. C.: Sacred Worlds. An Introduction to Geography and Religion. Routledge, London-New York, 1994, 332 s. POLÁČIK, Š. (ed.): Atlas cirkví, náboženských spoločností a religiozity Slovenska. Chronos, Bratislava, 2000.

Required language skills:
Slovak language

Notes: The course is taught only in winter term

Course assessment:
The total number of assessed students: -

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: RNDr. Juliana Krokusová, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Prešov in Prešov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKGSR/24	**Course title:** Geography of Slovak Republic

Type, load and method of training activities:
Total number of lessons: 150
Number of contact lessons: 30 hours

- Lecture:2 lessons per week = 20 hours
- Seminar:1 lesson per week = 10 hours
- Individual preparation for the seminar, ppt. presentation, preparation of the seminar work, preparation for the exam: 120 hours

Method: combined

Number of Credits: 5

Recommended term of study: 5th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Continuous written test: on the evaluation A (excellent) must obtain least 90%, to obtain evaluations B 80%, on the evaluation C 70%, on the evaluation D 60%, on the evaluation E least 50%. A student who receives less than 50% will be evaluated degree of FX.
2. Exam - closing written test: on the evaluation A (excellent) must obtain least 90%, on the evaluation B 80%, on the evaluation C least 70%, on the evaluation D 60 %, on the evaluation E least 50%. A student which obtain less than 50% will be evaluated degree of FX.
3. Preparation of short presentations at the seminar (each pair of students prepare for semester ppt. presentation (range min. 5 shots) according to the agreed timetable of physical geographic structure of any geomorphological unit of the Slovak Republic or monothematic presentation of selected issues.

Credits will not have awarded to a student who from some of the written verification have gained less than 30% points, or student who did not prepared any obligatory presentation under a timetable. or a student who has not been active for 3 or more seminaries. Under activity means the put forward presentations and engage in the discussion (question, remark, comment, critical remark).

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- define the absolute position of the Slovak Republic, in your own words to interpret the relative position of the state
- clarify the historical-geographical development of the territory of the Slovak Republic
- characterize the basic features of geological-tectonic setting and geological development of the area Slovakia
- interpret the relief development of the Slovak Republic according the morphostructures and according of the model medium in relation to the environment
- describe the climatic conditions in the area of Slovak Republic
- characterize the main basins of rivers in Slovak Republic and determine the water balance of the main watercourses aspect of the outflow
- characterize the types of groundwater, determine their occurrence and justify the wealth of mineral springs in the Slovakia and determine their properties,
- describe overview of soil types and types and their distribution in the Slovak Republic and regularities of their enlargement, describe the floristic areas and the main habitats of fauna
- get to know regularities of vertical differentiation of forest and non-forest vegetation and main forest association in Slovakia, calamitous situation,
- characterize the fauna of Slovakia and determine its current nature and importance of some species to the economy.
- describe the development of administrative divisions and the development of the number of inhabitants
- characterize the structure of the population of Slovakia and its spatial distribution
- get to know the development of the settlement of the Slovak Republic and be able to characterize urban and rural settlements
- get to know overview of the Slovak economy and its sectoral structure
- characterize the basic features of Slovakia's foreign trade
- describe the development, sectoral and size structure of industry in Slovakia
- get an overview of transport and tourism in Slovakia

Skills:

- to apply physical geography the knowledge to the regions of Slovakia,
- to apply the acquired knowledge in social practice,
- use what you learned when administering projects
- obtain geographic information from literature and other sources,
- to process statistical data e. g. the elements of climate.

Competences:

- to present the results the study of the literature and other sources,
- engage in professional discussions on the presented results
- use the knowledge gained by studying for the expertise processes (e. g. SEA) and for the presentation to obtain a job.

Course Syllabus:

Syllabus of Lectures:

1. Geographical location of the Slovak Republic and the development of its borders and its geographical location
2. Geology of the Western Carpathians
3. Character of georelief of the Western Carpathians
4. The georelief according of modelling medium. Risk factors of selected types of relief in relation to the environment.
5. Climate - characteristics of climatic elements. Climatic regionalization. Waters - surface and underground waters, geothermal waters - their use in the economy and mineral waters, their properties.
6. Soil types and soil kind. Regularities of differentiation of soil types. Soil fertility.
7. Vegetation - the development of vegetation in the Holocene. Phytogeographical subdivisions. Fauna - development of fauna. The zoogeographical breakdown
8. Development and current administrative division of the Slovak Republic
9. Population of Slovakia – population development, population structure, population movement and spatial distribution of the population
10. Settlements – settlement development, urbanization, urban and rural settlements
11. Economy of the Slovak Republic – development and sectoral structure, agriculture; Forestry, water and waste management
12. Industry and foreign trade of the Slovak Republic.
13. Transport, tourism and education in Slovakia.

Syllabus of Lectures:

1. Introduction Seminar (get to know the system of work and evaluation criteria, schedule presentations).
2. Atlas of the Landscape of the Slovak Republic 2002, Atlas of the Slovak Socialist Republic, 1980.
3. On-line databases and other sources of information and physical-geographic conditions of the territory of Slovakia (e. g. map portal ŠGÚDŠ map portal VÚPOP). Geological structure of the Slovak Republic, maps 1:50 000 ŠGÚDŠ and geomorphological division of the Slovak Republic, maps and atlases.
4. Waters and climatic conditions of Slovak Republic
5. Land cover in Slovak Republic, large changes in the structure of landscape in the connection with the disasters. Contamination of soil cover.
6. Presentations of physical geographical characteristics of selected geomorphological units I, respectively monothematic works.
7. On-line databases for obtaining freely available resources on the population, settlements and economy of the Slovak Republic
8. Presentation of monothematic works on the population, settlements and economy of Slovakia.
9. Elaboration of an analysis of the population of the Slovak Republic in the selected area.
10. Elaboration of an analysis of the economy and industry in the selected area.
11. Brief presentations of the analyses.
12. Brief presentations of the analyses.
13. Evaluation.

Recommended literary resources: LUKNIŠ, M., 1972: Slovensko 2. Príroda, Obzor Bratislava, 817 p. MICHAELI, E., 2008: Regionálna geografia Slovenskej republiky I. Vysokoškolské učebné texty. Prešovská univerzita v Prešove, FHPV, Prešov, 240 s. Atlas Slovenskej socialistickej republiky, 1980, úvodné mapy, mapy fyzickogeografickej šruktúry. Atlas krajiny Slovenskej republiky – Landscape Atlas of Slovak Republic, 2002, mapy z kapitol 1,3,4,5,7,8,10. NEMČOK, A. Zosuvy v slovenských Karpatoch. VEDA SAV 165 s.
LAUKO, V. a kol., 2013: Geografia Slovenskej republiky – humánna geografia; Geo-grafika Bratislava, 289 p.
KLAMÁR, R. a kol., 2019: Regionálny rozvoj. Faktory, disparity a cezhraničná spolupráca. Prešov: PU v Prešove, 318 p. LAUKO, V. a kol., 2014: Regionálne dimenzie Slovenska. Bratislava Univerzita Komenského v Bratislave, 524 p.

Required language skills:

Slovak language

Notes: The course is taught only in winter term

Course assessment: -

A	B	C	D	E	FX
-	-	-	-	-	

Lecturer: doc. RNDr. Vladimír Solár, PhD., RNDr. Martin Angelovič, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course Information Sheet

University Name: University of Prešov

Faculty: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKGDC/24	**Course Title:** Geography of transport, tourism, services and foreign trade

Type, load and method of training activities:
Total number of hours: 150 hours
Number of hours of contact lessons: 30 hours

- Lectures = 20 hours
- Seminars = 10 hours

Preparation of presentations: 20 hours
Preparation of essay: 30 hours
Preparation for examination: 70 hours
Method: combined

Number of Credits: 5 * 1 credit = 30 hours

Recommended term of study : 2nd term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Interim written test with following assessment (percentage of successfulness): to obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Examination – closing written test with following assessment: to obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
3. Prepare a short presentation to the seminar (range 10-15 min.) according to the agreed timetable of the chosen country in terms of transport, foreign trade and tourism.
4. Preparation of term paper - each student will prepare a term paper based on a presentation prepared in the range of 3500-4000 words, which characterizes transport, trade and tourism selected state.

Credits will not be awarded to a student who from a review written for less than 30% points or a student who received a term paper for evaluation FX or student who has not drawn a mandatory presentation to a timetable or a student who was absent for three or more seminars. Condition for participation in the trial is processing a short presentation and seminar work.
Overall evaluation object is calculated as the arithmetic average of the ratings for a term paper, interim and final written test.

Learning outcomes: *student knows:*
Knowledge:
- define the concepts of transport, tourism, services and foreign trade sufficiently deeply and cross-sectionally;
- clarify the links between the various segments of transport, tourism, services and foreign trade;
- be familiar with the phenomena and processes which have a decisive influence on the development of transport, tourism, services and foreign trade and be able to explain their nature;
- explain the methodological procedure of evaluation of the selected segment of transport, tourism, services and foreign trade in the selected country of the world.

Skills:
- to actively apply the procedure in the evaluation of individual segments of transport, tourism, services and foreign trade in the analysis, planning and preparation of the specific geographical characteristics of the selected area;
- independently obtain geographical information in assessing the significance and importance of selected segments of transport, tourism, services and foreign trade;
- to propose suitable methods of cartographic visualization in the processing of the given assignments.

Competencies:
- to solve problems connected with obtaining a suitable database and their processing;
- use tools or methods individually or in teams to examine the segments of transport, tourism, services and foreign trade;
- professionally and clearly formulate knowledge about the applied procedures and present the achieved results in relation to the issues addressed.

Course Syllabus:
1. Transport - basic terminology.
2. Geography of modes of transport and trends in transport development.

3. Tourism - basic terminology.
4. Types and forms of tourism, function and importance of tourism.
5. Subject and role of tourism geography.
6. Localization assumptions of tourism.
7. Tourism of European states, non-European states and the Slovak Republic.
8. Services - basic terminology.
9. Classification of services and principles of organization of services in space.
10. Foreign trade - basic terminology.
11. Importance of foreign trade.
12. Selected foreign trade commodities.
13. Foreign trade of the Slovak Republic.

Recommended bibliography and other sources:

BOROVSKÝ, J., SMOLKOVÁ, E., NIŇAJOVÁ, I.: Cestovný ruch trendy a perspektívy. Iura Edition, spol. s r.o. Bratislava, s.280, 2008. BRINKE, J.: Úvod do geografie dopravy. UK Praha, s. 98, 1983. DUBCOVÁ, A. a kol.: Geografia Slovenska. FPV UKF Nitra, s.351, 2008. GAJDOŠ, A. a kol.: Regionálna geografia Európy. VEDA Bratislava, s. 592, 2013. HALÁS, M.: Zahraničný obchod SR s ČR. Geographical Studies 7, Constantine the Philosopher University Nitra, 98-107, 2000. JAKOBY, M., KRAUTMANNOVÁ, I.: Zahraničný obchod. In: Sľuby a realita. Slovenská ekonomika 1995-1998. M.E.S.A. 10,Nadácia otvorenej spoločnosti, Inštitút pre verejné otázky, 95-101,1998. JĘDRUSIK, M., MAKOWSKI, J., PLIT, F.: Geografia turystyczna świata. Nowe trendy.Regiony turystyczne. WUW Warszawa, s. 383, 2010. KORČMÁROŠ, J.: Medzinárodný obchod. In: Ekonómia. Všeobecná ekonomická teória, NHF EU Bratislava, 387-399, 1998. KOREC, P.: Humánna geografia I.: Metódy, priemysel, doprava, regióny. PF UK Bratislava,s.161, 1994. KUREK, W. a kol.: Regiony turystyczne świata częśść 1. WN PWN Warszawa, s.329, 2012. KUREK, W. a kol.: Regiony turystyczne świata częśść 2. WN PWN Warszawa, s.344, 2012. LAUKO, V., TOLMÁČI, L., KRIŽAN, F., GURŇÁK, D., CÁKOCI, R.: Geografia Slovenskej republiky. Humánna geografia. Geo-grafika, Bratislava, s. 289, 2013. MARIOT, P.: Geografia cestovného ruchu. Veda Bratislava, s.248, 1983. MLÁDEK, J. a kol.: Cvičenia zo socioekonomickej geografie. PF UK Bratislava, s. 192, 1983. ORIEŠKA, J.: Služby v cestovnom ruchu 1.časť. SST Banská Bystrica, s.139, 2011. ORIEŠKA, J.: Služby v cestovnom ruchu 2. Časť. SST Banská Bystrica, s.150, 2011. OTRUBOVÁ E.: Humánna geografia II. Geografia zahraničného obchodu. Geografia cestovného ruchu. Prírodovedecká fakulta, Ústav geografie UPJŠ Košice, s.108, 2003. SZCZYRBA, Z.: Geografie obchodu – se zaměřením na současné trendy v maloobchodě. PFUP v Olomouci, 2006. TOUŠEK, V., KUNC, J., VYSTOUPIL, J. a kol.: Ekonomická a sociální geografie. Vydavatelství a nakladatelství Aleš Čeněk, s.r.o. Plzeň, s. 411, 2008. VAŠKO, M.: Cestovní ruch a regionální rozvoj. VŠE, Praha, 2002

Required language skills:
Slovak language

Notes: course is running during summer semester only

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Radoslav Klamár, PhD., Mgr.Anton Fogaš, PhD.

Date of latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKGEO/24	**Course title:** Geomorphology

Type, load and method of training activities:
Total number of lessons: 150
Number of contact lessons: 30

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation of projects for seminar: 26 lessons
Individual preparation of seminar paper: 30 lessons
Self-study and preparation for the exam: 64 lessons
Method: combined

Number of Credits: 5

Recommended term of study: 2nd term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites:

Conditions for course completion:

1. Interim written test*:* To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Exam – final written test: To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assesseded the degree FX.
3. Processing and delivery of projects taht will be implemented in seminars
4. Preparation of seminar paper – each student will prepare a seminar paper (short physical-geographical characteristics of the selected geomorphological unit – range from 3 500 to 4 000 words)

Credits will not be awarded to a student who, from a written review gained less than 30% poitns or transmit processed all projects. Condition for participation on exam is processing the output of the points no.3 and 4.
Overall rating of the course is calculated as the arithmetic average of the ratings for the interim, final written test and oral exam.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- define and interpret in their own words of the object and subject;
- characterize the basic of methods geomorphological research;
- name prominently personality of geomorphology and briefly describe their contribution to the development of the discipline;
- describe forces and processes involved in the modification of relief, classify their share of the relief formation in the different stages of development;
- describe geomorphological processes and forms;
- describe long-term development of the relief;
- characterize use of GIS technology in geomorphology;

Skills:
- apply to create profiles on the selected area;
- obtain information about georelief from maps;

Competences:
- present the results of study different geomorphological forms;
- take part in expert discussions to identify forms of relief.

Course Syllabus:
1. Geomorphology as a science - object, subject, research methods.
2. Geomorphological division of the Slovak Republic.
3. Main elements of the relief of the Earth.
4. Geomorphological forces and processes 1
5. Geomorphological forces and processes 2
6. New Global Tectonics.
7. Exogenous forces and processes (weathering, erosion, transport, accumulation).
8. Morphostructural relief of mainland.
9. Morfogenetic activity of exogenous forces
10. Forms of fluvial modeling

11. Forms of karst modeling
12. Forms snow and glacial modeling.
13. Forms of aeolian, biogenic and anthropogenic modeling.

Recommended literary resources:

MICHAELI, E., SOLÁR, V., BOLTIŽIAR, M. 2023. MORFOGENETICKÉ PÔSOBENIE EXOGÉNNYCH SÍL Reliéf podľa modelačného média, II. časť. Vydavateľstvo Prešovskej univerzity. Grafotlač Prešov. 506 s., ISBN 978-80-555-3188-5, KLIMASZEWSKI, M.,1981. Gemorfológia, PAN Warszawa. DEMEK, J., 1982-84. Obecná geomorfológie I. – IV., SPN Praha KETTNER, R., 1952-55. Všeobecná geológie I. – IV., Melantrich Praha DZUROVČIN, L., 2000. Geomorfológia. Vysokoškolské učebné texty. FHPV PU, Prešov. TARBUCK, E, J., LUTGENS, F.K., 1984. The Earth: An Introduction ti Physical Geology. Ch. E. Merril Publishing Company. Columbus, Ohio. STRAHLEN , Q. N. , 1973. Introduction to Physical Geography. Wiley International Edition. New York – London. ČECH, V., KROKUSOVÁ, J. 2013. Antropogénna geomorfológia-antropogénne formy reliéfu. Vysokoškolská učebnica. FHPV PU Prešov. 179 p. LACIKA, J. 1997. Geomorfológia. Technická univerzita vo Zvolene. Fakulta geoekológie a environmentalistiky. Skriptum , Zvolen.

Required language skills:
Slovak language

Notes: The course is taught only in summer term

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Vladimír Solár, PhD., doc. RNDr. Vladimír Čech, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course Information Sheet

University Name: University of Prešov

Faculty: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKGPS/24	**Course Title:** Global problems of the world

Type, load and method of training activities:
Total number of hours: 90 hours
Number of hours of contact lessons: 20 hours

- Lectures = 10 hours
- Seminars = 10 hours

Preparation of presentations: 20 hours
Self-study and preparation for the ongoing evaluation: 50 hours
Method: combined

Number of Credits: 3 * 1 credit = 30 hours

Recommended term of study : 5th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:
Ongoing evaluation – final written test: to obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
Credits will not be awarded to a student who on written final test gave less than 50% points or a student who has failed to develop the desired presentation or absence of 3 or more seminars.
Overall evaluation object is calculated as the arithmetic average of the ratings for presentation at the workshop and the final written test.

Learning outcomes: *student knows:*
Knowledge:
- define in sufficient depth and cross-sectionally the basic terminology concerning globalization and the global problems of the world;
- to clarify the context and relationships of global problems currently applied to the model territories of the studied macro-regions of the world;
- to explain the phenomena and processes that have a decisive influence on the development of globalization and the global problems of the world.

Skills:
- independently obtain geographical information from literature and other sources and propose appropriate methods for processing the given data;
- to propose suitable methods of cartographic visualization in the processing of the given assignments.

Competencies:
- to solve problems connected with obtaining a suitable database and their processing;
- use tools and methods on their own or in teams to study the world's global problems;
- professionally and clearly formulate knowledge about the applied procedures and present the achieved results in relation to the issues addressed.

Course Syllabus:

1. Globalization and global problems of the world - introduction.
2. Historical aspects of the development of globalization.
3. Types of globalization.
4. The main actors of globalization.
5. Pros and cons of globalization.
6. Globalization, nation states and political systems.
7. Globalization and economic processes.
8. Globalization and social processes.
9. Global environmental problems.
10. Tourism in relation to globalization processes.
11. North Rich - poor South.
12. World conflicts and their impact on global tourism.
13. Development of globalization.

Recommended bibliography and other sources:

BALÁŽ, P., VERČEK, P.: Globalizácia a nová ekonomika. Sprint vfra Bratislava, s.175, 2002. BAUMAN, Z.: Globalizácia. Dôsledky pre ľudstvo. Kalligram Bratislava, s.123, 2000. CIHELKOVÁ, E. a kol.: Světová ekonomika. Regiony a integrace. Grada Publishing, Praha, s.244, 2002. BOROVSKÝ, J., SMOLKOVÁ, E., NIŇAJOVÁ, I.: Cestovný ruch trendy a perspektívy. Iura Edition, spol. s r.o. Bratislava, s.280, 2008. IVANIČKA, K.: Globalistika: poznávanie a riešenie problémov súčasného sveta. Iura Editions Bratislava, s. 283, 2006. JĘDRUSIK, M., MAKOWSKI, J., PLIT, F.: Geografia turystyczna świata. Nowe trendy.Regiony turystyczne. WUW Warszawa, s. 383, 2010. KUREK, W. a kol.: Regiony turystyczne świata częśść 1. WN PWN Warszawa, s.329, 2012. KUREK, W. a kol.: Regiony turystyczne świata częśść 2. WN PWN Warszawa, s.344, 2012. MEZŘICKÝ, V.(ed.): Globalizace. Portál Praha, s. 147, 2003. NORBERG, J.: Globalizace. Alfa Publishing a Liberální institut Praha, s.203, 2006. STANĚK, P.: Globalizácia svetovej ekonomiky. Epos Bratislava, s. 221, 1999. STANĚK, P.: Fakty a mýty globalizácie (vybrané aspekty).Ekonóm Bratislava, s. 319, 2005

Required language skills:
Slovak language

Notes: course is running during winter semester only

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: Mgr. Anton Fogaš, PhD.

Date of latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course Information Sheet

University Name: University of Prešov

Faculty: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKHGS/24	**Course Title:** Human geography of continents

Type, load and method of training activities:
Total number of hours: 120 hours
Number of hours of contact lessons: 30 hours
- Lectures = 20 hours
- Seminars = 10 hours

Preparation of presentations: 20 hours
Preparation of essay: 20 hours
Preparation for examination: 50 hours
Method: combined

Number of Credits: 4 * 1 credit = 30 hours

Recommended term of study : 4th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Interim written test with following assessment (percentage of successfulness): to obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Examination – closing written test with following assessment:): to obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
3. Prepare a short presentation to the seminar (range 10-15 min.) According to the agreed timetable of the chosen country America, Australia and Oceania, according to predefined themes.
4. Preparation of term paper - each student will prepare a term paper in the range of 3500-4000 words, which is characterized on the basis Hettner´s scheme selected state or province in the present macro-America, Australia, Oceania and Antarctica.

Credits will not be awarded to a student who from a review written for less than 30% points or a student who received a term paper for evaluation FX or student who has not drawn a mandatory presentation to a timetable or a student who was absent for three or more seminars. Condition for participation in the trial is processing a short presentation and seminar work.
Overall evaluation object is calculated as the arithmetic average of the ratings for a term paper, interim and final written test.

Learning outcomes: *student knows:*
Knowledge:
- define in sufficient depth and cross-sectionally the basic human geographic terminology concerning Asia, the Americas, Africa, Europe, Australia, Oceania and Antarctica;
- to clarify the context and relations of historical - political and economic development, demographic structure, settlement systems, as well as the problems currently applied to the model territories of Asia, America, Africa, Europe, Australia, Oceania and Antarctica;
- explain the phenomena and processes that have a decisive influence on the development in individual macro-regions of the world;
- to comprehensively think in relevant human-geographical contexts in specific studied macro-regions of the world.

Skills:
- apply the procedure according to the Hettner scheme of geographical systematics in the planning, creation and coordination of the preparation of the humangeographic characteristics of the selected area;
- independently obtain geographical information from literature and other sources and propose appropriate methods for processing the given data;
- to propose suitable methods of cartographic visualization in the processing of the given assignments.

Competencies:
- to solve problems connected with obtaining a suitable database and their processing;
- use tools or methods individually or in teams to explore Asia, the Americas, Africa, Europe, Australia, Oceania and Antarctica;

- professionally and clearly formulate knowledge about the applied procedures and present the achieved results in relation to the issues addressed.

Course Syllabus:

1. Geographical delimitation of Asian macro-regions.
2. Historical - political and cultural - geographical development of macro - regions of Asia.
3. Human-geographical characteristics (population, settlements, industry, agriculture, transport, foreign trade, tourism) of Asia macro-regions.
4. Geographical delimitation of macro-regions of America.
5. Historical - political and cultural - geographical development of America's macro-regions.
6. Human-geographical characteristics (population, settlements, industry, agriculture, transport, foreign trade, tourism) of macro-regions of America.
7. Geographical definition of macro-regions of Africa.
8. Historical - political and cultural - geographical development of macro - regions of Africa.
9. Human-geographical characteristics (population, settlements, industry, agriculture, transport, foreign trade, tourism) of macro-regions of Africa.
10. Geographical definition of macro-regions of Europe.
11. Historical - political and cultural - geographical development of macro - regions of Europe.
12. Human-geographical characteristics (population, settlements, industry, agriculture, transport, foreign trade, tourism) of macro-regions of Europe.
13. Australia, Oceania, Antarctica - human geographic characteristics.

Odporúčaná literatúra:

BAAR, V., ŠINDLER, B.: Regionální geografie světadílů a oceánů I. a II. díl, PdF Ostrava, 1989. BAAR, V.: Národy na prahu 21. století. Emancipace nebo nacionalismus? Ostravská univerzita. Nakladatelství Tilia, Ostrava, s. 415, 2002. BATEMAN, G., EGANOVÁ, V.: Encyklopedie Zeměpis světa, Columbus Praha, s.512, 1994. BIČÍK, I. a kol.: Makroregiony světa, Nakladatelství české geografické společnosti, s.r.o. Praha, s. 148, 2011. BRADSHAW, M.,: A world Regional Geography. The New Global Order. WCB McGraw-Hill, Boston, 1997. COLE, J.,: Geography of the World´s Major Regions. New York, 1996. GAJDOŠ, A. a kol.: Regionálna geografia Európy. VEDA Bratislava, s. 592, 2013. KOL.: Geografický místopisný slovník. Academia Praha, s. 924, 1993. KOL.: Lexikon Zemí 2003, Fortuna Print Praha, s. 503, 2002. KRUPA, V., GENZOR, J.: Jazyky sveta v priestore a čase. VEDA Bratislava, s. 356, 1996. KUREK, W. a kol.: Regiony turystyczne świata częśśċ 1. WN PWN Warszawa s. 329, 2012. KUREK, W. a kol.: Regiony turystyczne świata częśśċ 2. WN PWN Warszawa, s.344, 2012. LIŠČÁK, V.: Státy a území světa. Libri Praha, s.896, 2009. MAKOWSKI, J.: Geografia regionalna świata. WN PWN Warszawa, s. 399, 2013. ZUBRICZKÝ, G.: Geografia štátov sveta. Mapa Slovakia Bratislava, s. 254, 2009.
Časopisy – GEO, National Geographic, Země světa, Lidé a země, Geografické rozhledy, Trend a iné

Required language skills: Slovak language

Notes: course is running during summer semester only

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: Mgr.Anton Fogaš, PhD.

Date of latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Prešov in Prešov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKUDG/24	**Course Title:** Introduction to Geography

Type, load and method of training activities:

Total number of hours: 150 hours

Number of hours of contact lessons: 30 hours

- Lectures = 20 hours
- Seminars = 10 hours
- Individual preparation for the seminar, preparation of the presentation, preparation of the seminar work, preparation for the exam: 120 hours

Method: combined

Number of Credits: 5 * 1 credit = 30 hours

Recommended term of study: 1st term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

Continuous written test: To obtain an evaluation A (excellent) grade, the student must obtain at least 90%, to obtain a B grade 80%, for a C grade at least 70%, for a D grade 60%, for an E grade at least 50%. A student who gets less than 50% will be graded FX.

Oral exam or final written test: To obtain an A (excellent) grade, the student must master the course with at least 90%, to obtain a B grade 80%, for a C grade at least 70%, for a D grade 60%, for an E grade at least 50%. A student who fails at least 50% of the coursework will be graded FX.

Preparation of a short presentation for the seminar according to the teacher's instructions.

Educational outcomes: By the end of the course, students will be able to:

Knowledge:

- define and interpret in their own words a concept such as scientific geographical categories: object of geography, subject of geography, content of geography, paradigms of geography, functions of geography, methods and modalities the research in geography,
- describe the internal structure of geographic sciences according to the schemes of the individual authors, characterized individual geographic disciplines classify them into the systems of geographic science and identify relationships between relatives and non-geographic scientific disciplines from whose draws some knowledge and works closely with them,
- characterize the basic methodological features of the geography subject,
- characterize development of the geographic thinking,
- know the basic principles of Geography,
- name and describe and briefly describe a university and scientific geographic workplaces on the Slovakia, to name the prominent personalities in Geography and briefly describe their contribution to the development of geography,
- identify basic concepts of Geography in their own words (area, landscape, country, region, scale)
- know the importance of domestic and foreign geographical journals and has an overview of other sources of geographic information,
- create a scheme for the geographical characteristics of the selected territory according A. Hettner,
- determine the importance of Geography for social practice.

Skills:

- apply the procedure under the regional geographic scheme to specific geographic territory,
- obtain geographic information from literature and other sources,
- apply the acquired knowledge in teaching practice.

Competences:

- prove independently present the results of a study of geographical literature and other sources,
- be able to engage in scientific discussion of the presented results and noted own opinion on the issue.

Course Syllabus:

Syllabus of Lectures:

1. Geography as a scientific discipline – object of Geography, subject of Geography, position of Geography in the system of sciences.
2. The internal structure of Geography according to the schemes of individual authors, determination of related scientific disciplines of Geography.
3. Methodological features of Geography (spatiality, syntheticity), cognitive function of individual analytical scientific disciplines of Geography, algorithm of regional Geography according to A. Hettner.
4. Development of the paradigm of Geography as a category changing in the course of historical development, geographical schools.
5. Development of Geography, geographical thinking and cognition in ancient times.
6. Development of Geography, geographical thinking and cognition in the Middle Ages.
7. Development of Geography, geographical thinking in the modern age and constitution of modern geography (German and French geographical school and its representatives).
8. Basic scientific directions of contemporary Geography.
9. Geographical hypotheses and theories, examples and explanation.
10. Methods of geographical research.
11. E. Neff - axiomatic foundations of Geography, axioms and theorems resulting from them.
12. Geographical dimensions.
13. The importance of Geography for pedagogical and social practice.

Syllabus of Seminars:
1. Introductory seminar (establishment of work system and evaluation criteria, schedule of presentations).
2. Practice test tasks.
3. Working with worksheets.
4. Application of Hettner's scheme of regional-geographic systematics to the selected territory. Geographic periodicals. Atlases and other cartographic works with illustrations from the library depository of the Department of Geography and Applied Geoinformatics FHPV PU. Online databases and other sources of geographic information (e.g. map portal GUDŠ, VÚPOP and other databases) and work with them.
5. Solving practice test tasks.
6. Geographical university and scientific workplaces in Slovakia.
7. Ongoing written review.
8. Personalities of Geography in the world I. Presentations connected with the solution of creative tasks.
9. Personalities of Geography in the world II. Presentations associated with solving creative tasks.
10. Personalities of Geography in the world III. Presentations associated with solving creative tasks.
11. Personalities of Geography in the world IV. Presentations associated with solving creative tasks.
12. Personalities of Geography in Slovakia.
13. Credit week - evaluation.

Recommended bibliography and other sources:

DEMEK, J.: Úvod do štúdia teoretickej geografie. SPN, Bratislava, 1987.
HORÁK, B.: Dějiny zeměpisu I. Starověk a středověk, ČSAV Praha 1954.
HORÁK, B.: Dějiny zeměpisu II. Doba velkých objevů 15. a 16. století. ČSAV Praha 1958.
HORÁK, B., TRÁVNIČEK, D., HONL, I. : Dějiny zeměpisu III. Novověk od 17. století. Academia, Praha 1968.
MATLOVIČ, R.: Geografia-hľadanie tmelu. Acta Facultatis Studiorum Humanitatis et Naturae Universitatis Prešoviensis, Prírodné vedy, XLIV., Folia Geographica, 9, 2006, s. 6-43.
MATLOVIČ, R.: K problematike novej systemizácie regionálno-geografických poznatkov. Acta Geographica Universitatis Comenianae, 53, 2009, s. 11-18.
MATLOVIČ, R., MATLOVIČOVÁ, K.: Spoločenská relevancia a budovanie značky geografie. Geografie, 117,1, 2012, s. 33-51.
MEČIAR, J.: Úvod do studia geografie. Masarykova univerzita Brno, 2005.
MICHAELI, E., IVANOVÁ, M.: Geografická tektológia - metageografia (Úvod do štúdia geografie): Prešov, PU, 2015, 252 s.
MICHAELI, E., KANDRÁČOVÁ, V., 1989/90: Krajinná sféra Zeme. In: Přírodní vědy ve škole, roč.41, č. 1, SPN Praha, p. 32 – 36.
PAULOV, J.: Základné paradigmy v rozvoji geografie ako vedy: pokus o stručnú identifikáciu. Geografický časopis, 64, 2, 2012, s. 111-120.
RIEDLOVÁ, M. a kol.: Úvod do studia geografie a dejiny geografie. SPN, Praha, 1980.
URBÁNEK, J.: Hypotéza v slovenskej geomorfológii NEEF, E. (1967) Die theoretischen Grundlagen der Landschaftlehre. Leipzig, Gotha.

Required language skills:
Slovak language

Notes: Course is running during winter semester only.

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: JUDr. RNDr. Monika Ivanová, PhD., doc. RNDr. Radoslav Klamár, PhD.

Date of latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKMPZ/24	**Course title:** Management of natural resources

Type, load and method of training activities:
Total number of lessons: 90
Number of contact lessons: 30

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation of presentations for the seminar: 13 lessons
Self-study and preparation for the ongoing evaluation : 47 lessons
Method: combined

Number of Credits: 3

Recommended term of study: 5th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites:

Conditions for course completion:

1. Interim written test*:* To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Exam – final written test: To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assesseded the degree FX.
3. Preparation of short seminar presentations (each student will prepare during the semester 2 power point presentation within min. 8 slides)
4. Preparation of seminar paper–each student will prepare a seminar paper (characteristics of selected natural resource)

Credits will not be awarded to a student who, from a written review gained less than 30% poitns or to student who for presetation received grade FX, also to a student who did not prepare all mandatory presentation according to the timetable. Condition for participation on exam is processing the output of the points no.3 and 4.
Overall rating of the course is calculated as the arithmetic average of the ratings for the seminar paper, interim and final written test.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- define and interpret in their own words of the natural sources;
- characterize and classify natural resources;
- name and locate natural resources in the Slovak Republic and in the world;
- describe the significance of natural resources from the aspect of planning and land management;
- describe the long-term development of natural resource management;

Skills:
- apply such knowledge to collaborate in the preparation of development documents;
- obtain information about natural sources;

Competences:
- present distribution and the existence of natural resources in Slovakia and abroad;
- take part in expert discussions about management of natural resources.

Course Syllabus:
1. Natural resources, their definition and classification.
2. Problems of law and management of natural resources.
3. Renewable natural Resources.
4. Soil as natural resource.
5. Water as natural resource.
6. Energy raw Materials 1
7. Energy raw Materials 2
8. Metallurgical raw materials 1
9. Metallurgical raw material 2
10. Nonmetallic materials 1
11. Nonmetallic materials 2

12. Exploitation of natural resources at present.
13. Economic and ethical aspects of the use of natural resources.

Recommended literary resources:

HRONEC, O. a kol. 2010. Manažment a oceňovanie prírodných zdrojov. Stredoeurópska vysoká škola v Skalici, 202 s. ISBN: 978-80-89391-19-6. BARTALSKÝ, J., 1990. Nerastné suroviny Slovenska, stav ich poznania, využívanie a ďalší možný rozvoj. Geologický prieskum – Mineralia Slovaaca. Spišská Nová Ves. TRÉGER, M., BALÁŹ, P. eds. 2000. Nerastné suroviny Slovenskej republiky. Ročenka 2000 Spišská Nová Ves. MICHAELI, E. 2007. Nerastné bohatstvo Slovenskej republiky, Vysokoškolské učebné texty. PU v Prešove, FHPV, Prešov, 2007, 77 s. VOLOŠČUK, I., 2005. Ochrana prírody a krajiny. 2. vyd. Technická univerzita, Zvolen, 245 s.

Required language skills:
Slovak language

Notes: The course is taught only in winter term

Course assessment:
The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Vladimír Solár, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKMGV/24	**Course title:** Methods of geographic research

Type, load and method of training activities:
Total number of lessons: 120
Number of contact lessons: 30

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation of presentation for the seminar: 12 lessons
Individual preparation of seminar paper: 28 lessons
Self-study and preparation for the exam: 50 lessons
Method: combined

Number of Credits: 4

Recommended term of study: 4th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites:

Conditions for course completion:

1. Interim written test*:* To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Exam – final written test: To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assesseded the degree FX.
3. Preparation of seminar presentation (each student will prepare during the semester power point presentation within min. 10 slides) according to the agreed timetable about use to selected of methods physical-geographic research in practice
4. Preparation of seminar paper – each student will prepare a seminar paper (application of file methods in particular territory)

Credits will not be awarded to a student who, from a written review gained less than 30% poitns or to student who for presetation received grade FX, also to a student who fails deliver a seminar paper. Condition for participation on exam is processing the output of the points no.3 and 4.
Overall rating of the course is calculated as the arithmetic average of the ratings for the seminar paper, interim, final written test and oral exam.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- characterize the position of Geography in the system of sciences;
- characterize the methods of physical-geographical and human-geographical research;
- describe the various methods of physical-geographical and human-geographical research;
- characterized by the use of GIS within the Geography;

Skills:
- apply the methods of geographic research in practice;
- obtain geographic information using appropriate research methods;

Competences:
- present the results use to the research methods of geographic research;
- take part in expert discussions when considering the choice of methods for the selected area.

Course Syllabus:
1. Definition and status of Geography within the earth sciences and space, classification of its research methods.
2. Methods litogeographical and geomorphological research
3. Methods of hydrological research
4. Methods of pedo-geographical research
5. Methods of climatological and biogeographical research
6. Methods of geoecological research.
7. Research methods of land use and its changes
8. Research methods of comprehensive physical geography.
9. GIS as a tool for geographic research
10. Research methods in human geography 1
11. Research methods in human geography 2

12. Research methods in regional geography 1
13. Research methods in regional geography 2

Recommended literary resources:

BIZUBOVÁ, M., PACHEROVÁ, M.: Vybrané aspekty tvorby litogeografických máp. In: Geografické štúdie : Prírodné prostredie stredného Slovenska - jeho tvorba a ochrana. Banská Bystrica, 1997, s. 24-27.· MINÁR, J.: Geografické prístupy k výskumu teritoriálnej diferenciácie litosféry. In: Vybrané problémy súčasnej geografie a príbuzných disciplín. PRIF UK Bratislava, 1995, s. 75-79.· ZEMAN, A.: Geochronologické metody k určování stáří čtvrtohor. ÚÚG Praha, 1972, 55 s. NOSEK, M. Metody v klimatologii. Praha : Academia, 1972.· Návod pre pozorovateľov meteorologických staníc ČSSR. Bratislava : HMÚ, 1976.· Atlas krajiny Slovenskej republiky. 1. vyd. Bratislava : Min. živ. prostr. SR; Banská Bystrica : Slov. agent. živ. prostr., 2002. 344 s. DUB, O.: Hydrológia, hydrometria, hydrografia. SVTL, Bratislava, 1957.· TRIZNA, M.: Cvičenia z hydrológie I. Skriptá PRIF UK, Bratislava, 1996.· KŘÍŽ, V. a kol.: Hydrometrie. SPN, Praha, 1988. HRAŠKO, J. a kol., 1962: Rozbory pôd. SVPL Bratislava, 342 s.· NĚMEČEK, J. a kol., 1966: Prieskum poľnohospodárskych pôd ČSSR. Súborná metodika, časť A, 3. vyd. ÚV ÚRV, Praha, 161 s. MIČIAN, Ľ.: Cvičenia z fyzickej geografie. In: ZAŤKO, M. a kol., 1986, Skriptum PRIF UK, Bratislava, s. 121-170. GOMEZ, B., JONES, J.P. 2010. Research methods in geography. WILEY-BLACKWELL, 481 p. ISBN 978-1-4051-0710-5. KOREC, P., RUSNÁK, J. 2018. Prístupy humánnej geografie. Univerzita komenského 247 s.. ISBN 978-1-4051-0710-5, KRÍŽOVÁ, E. Fytocenológia. Návody na cvičenia. Skriptum TU Zvolen, 1998. MICHAELI, E., MATLOVIČ, R., IŠTOK, R. a kol. 2010. Regionálny rozvoj pre geografov Vydavateľstvo Prešovskej univerzity 718 s. ISBN 978-80-555-0065-2, RUŽIČKA, M. a kol.: Biotopy Slovenska. Bratislava, 1986. MINÁR, J. a kol. 2001. Geoekologický (komplexný fyzickogeografický) výskum a mapovanie vo veľkých mierkach. In: Geografické spektrum 3, Bratislava : Geografika. 209 s. RICHLING, 1982: Metody badań komplexowej geografii fizycznej. PWN, Warszawa

Required language skills:
Slovak language

Notes: The course is taught only in summer term

Course assessment:
The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Vladimír Solár, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Prešov in Prešov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKMPR/24	**Course title:** Natural risk management

Type, load and method of training activities:

Total number of lessons: 90 hours

Number of contact lessons: 20 hours

- Lecture: 1 lesson per week = 10 hours
- Seminar: 1 lesson per week = 10 hours
- Self-study, preparation of seminar assignments, preparation to the examine: 70 hours

Method: combined

Number of Credits: 3

Recommended term of study: 5st term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites:

Conditions for course completion:

1. Continuous written verification: on the evaluation A (excellent) must obtain least 90%, to obtain evaluations B 80%, on the evaluation C 70%, on the evaluation 60% and on the evaluation E least 50%. A student who receives less than 50% will be evaluated degree of FX.
2. Continuous assessment - closing written test: on the evaluation A (excellent) must obtain least 90%, on the evaluation B 80%, on the evaluation C least 70% on the evaluation D 60 %, on the evaluation E least 50%. A student which obtain less than 50% will be evaluated degree of FX.
3. Prepare a short presentation to the seminar (each pair of students prepare for semester 2 ppt presentation (range min. 5 pictures) according to the agreed time schedule about selected environmental load or other type of environmental hazards in the Slovak Republic or world.
4. Preparation of term paper - each student must prepare a term paper, which will include introductory theoretical chapter on environmental risks and their impact on the environment, human health and on threat to life and property of the population.
   Subsequently, in the second chapter, the student will prepare an analysis of specific environmental risks the certain type of environmental load. Students can also choose the theme on the burdened area of the environment in Slovak Republic, respectively the theme the on the possible future mining of raw material resources, which would endanger the environment and human health greatly (4000 words).
   Evaluation of term paper:
   Ratig A will obtain the student: when his term paper is stylistically and grammatically elaborated on the excellent level, structure of the term paper is logical and respects the stipulated scheme, the text is complemented by its own graphic and cartographic annexes, in the text is correctly applied current professional terminology, the scope of the work is in the desired interval, references and other information sources are cited correctly and the student in the conclusion expresses their own opinions on the the importance of this issue.
   Rating B will obtain the student: when his seminar paper is stylistically and grammatically elaborated on the good level, structure of the seminar paper is logical and respects the stipulated scheme, the text is complemented about the modified and downloaded graphic and cartographic annexes, in the text is correctly applied of current professional terminology, the scope of the work is in the desired interval, references and other information sources are cited correctly and the student in the conclusion expresses their own opinions on the the importance of this issue.
   Rating C will obtain the student: when his seminar work is stylistically and grammatically elaborated on the average level, has logical structure respects stipulated scheme of seminar work, but with some deviations, the text is complemented about the downloaded graphic and cartographic annexe, in text is with errors applied professional terminology, the scope of the work is in the required interval, references and other information sources are cited and the student summarizes the known opinions in conclusion.
   Rating D obtains the student if his seminar work: it is elaborated stylistically and grammatically at an average level, the work has a logical structure, except for some deviations the respects stipulated scheme of the seminar work, the text is complemented by taken over graphic and cartographic attachments in the text are errors of used in the geographical terminology, the scope of work is at required intervals, references and other information sources are cited, the student summarizes the known opinions in conclusion.
   Rating E obtains the student if his seminar work it is elaborated stylistically and grammatically on below-average level, structure of the of work is logical and respects at least partly of the stipulated scheme,

the text is not complemented the graphic and cartographic of annexes, in the text are used professionally geographically the scientific terms with errors, the scope of the work is in the required interval, the use literature and other sources of information are cited, in the work is missing summarization of problem.

Rating FX obtains student if his seminar work elaborated stylistically and grammatically on below-average level, the structure of the work is illogic and does not respect the stipulated scheme of the term paper, text is not complemented of the graphics and cartographic annexes, in the text is not or is used professional geographical terminology which having serious errors, the scope of work is not in the required interval, references and other information sources are cited incorrect, in the work is missing the conclusion. Rating FX gets a student who fails to hand a term paper in the requested period according to a pre an agreed schedule.

Credits will not have awarded to a student who from some of the written verification has gained less than 30% points, or the student who received for term paper the rating FX or student who did not prepared any obligatory presentation under a timetable or a student who has not been active for 3 or more seminaries. Under activity means the put forward presentations and engage in the discussion (question, remark, comment, critical remark). Condition for participation on the exam is processing outputs by the points 1. 3. and 4. Overall Rating Course is calculated as the arithmetic average of the ratings for the term paper, continuous and final written test.

Educational Outcomes: By the end of the course, students will be able to:

Knowledge:

- define and interpret by the own words the object and subject by the taught learning course Environmental risks,
- describe the nature of the various types of environmental risks,
- characterize the role of geography and related of sciences to solve problems of landscape damage with the different types environmental risks,
- characterize the emergence of risks and their origin,
- interpret the law regarding environmental burdens and the tasks arising from it for the persons concerned, for example for private owners of environmental loads,
- to identify the environmental risks that threaten most of the territory of Slovakia,
- propose a solution for the basic types of Environmental risks from the aspect of environmental protection,
- determine the conditions for surveys and analyses into the master plan and it's the annexes in terms acceptance of environmental risks in relation to a conflict of interest,
- know all the available databases on the environmental risks and their spatial distribution on the territory of the Slovakia and their pasportization,
- to describe the importance of tackling environmental risks from the aspect of environmental quality and public health,

Skills:

- create a passport for different types of environmental risks for field research with applications for the territorial and landscape plans,
- utilise their knowledge for presentation when applying for jobs requiring this type of geographic expertise,

Competences:

- present the results of study the literature and other sources,
- engage in professional discussion on the presented results,
- collect statistical data of environmental risks,

Course Syllabus:

Syllabus of Lectures:

1. Geography and Environment, environmental risks in the environment, the role of geography in resolving this issue.
2. The definition of environmental risks, the origin and character of the risks, methods of research risk.
3. Identification of environmental risks of conditioned by natural processes.
4. Earthquakes, volcanic activity, of meteorites impacts, subsidence, tsunamis, cyclones, hurricanes, wind storms, the torrential rainfall, snow calamities, wind and water erosion.
5. Gravitational slope deformations, floods, avalanches, wind and water erosion, etc.
6. identification of the environmental risks of natural character on the territory of
7. the Slovak Republic.
8. Identification of environmental risks caused by human activity.
9. Identifying the risks associated with mining of minerals for example crude oil, radioactive materials, metallurgical raw materials and precious metals and the potential risks in this area.
10. Identification of environmental risks incurred in the industrial production, agricultural production, in the transport, the noise and vibrations, fires.

11. Identification of impact of bio-risks on environmental.
12. Contamination of soils.
13. The contamination of surface and groundwater and pollution of atmosphere.
14. Environmental risks in waste management, environmentally stressed areas of the Slovak Republic.

Syllabus of seminars:

1. Introductory seminar (information of the system of work and of the criteria of evaluation schedule presentations).
2. Online databases and other sources of information on environmental risks.
3. Environmental risks in the mining of mineral raw materials.
4. Environmental risks - slope deformation.
5. Environmentally stressed areas of the Slovak Republic.
6. The pasportization of environmental loads, strengths and weaknesses.
7. Impact assessment of old environmental burdens on the environment and human health.
8. Continuous written verification.
9. Law on old Environmental Loads.
10. Assessment of the health risk and environmental risk assessment.
11. Presentation of environmental loads.
12. Presentation of environmental loads.
13. Evaluation.

Recommended literary resources:

MICHAELI E., BOLTIŽIAR M. (2009): Geoekologická štruktúra krajiny a haldy hutníckeho odpadu lúženca pri Seredi. Geografické informácie 13, Katedra geografie a regionálneho rozvoja FPV UKF Nitra, s. 129 – 144. MICHAELI E., BOLTIŽIAR M. (2010): Vybrané lokality environmentálnych záťaží v Slovenskej republike. In: Geographia Cassoviensis. Ústav geografie, Prirodovedecká fakulta UPJŠ Košice., roč. IV., č.2, s. 214 – 219. MICHAELI E., BOLTIŽIAR M., IVANOVÁ, M. (2009): Geoecological structure of the dump of technological waste (Fe-concentrate) at Sereď. In: Acta Facultatis Studiorum Humanitatis et Naturae Universitatis Prešoviensis, Prírodné vedy, roč.XLIX, ISSN 1336 6149, Folia Geographica 14, Special Issue for the 2 nd EUGEO CONGRESS Bratislava 2009, p. 180 – 197. MICHAELI, E., BOLTIŽIAR, M. 2010: The dump of metallurgical waste – lúženec and its impact of the landscape at Sereď in Slovak republic. The 9th Alps Adria Scientific Workshop 2010. Špičák, Czech republic. MICHAELI E., BOLTIŽIAR M. 2010. Vybrané lokality environmentálnych záťaží v zaťažených oblastiach Slovenska. Constantine the Philosopher University in Nitra Geographical Studies 1/14, Nitra, pp.4 – 48. ANDREJKOVÁ M. KNIEŽO D., PISOŇOVÁ M., LUMNITZER E. 2012. Analýza a hodnotenie environmentálnych rizík. Global existential risk. In: Zborník z medzinárodnej konferencie,November 29- 30 2012., pp. 35 – 41, Bratislava. VYSOCKÝ, M. - LUMNITZER, E. - LIPTAI, P. 2008. Meranie hluku v mestských aglomeráciách. Technická univerzita Zvolen. Projekt SAŽP. Systematická identifikácia environmentálnych záťaží Slovenskej republiky. 2006 – 2008. Štátny program sanácie environmentálnych záťaží 2010 – 2015. MŽP SR, Sekcia geológie a prírodných zdrojov, SAŽP. 2010. MAJERNÍK, M. – BOSÁK, M.: Posudzovanie vplyvov na životné prostredie, Vienala, Košice, 2003. MAJERNÍK, M. CHOVANCOVÁ J. 2007. Odstraňovanie starej environmentálnej záťaže – Prípadová štúdia. Environmental Burden Elimination – Case Study. In: RUSKO, M. – BALOG, K. [Eds.] 2007: Manažérstvo životného prostredia 2007 Management of Environment 2007, pp. 334 – 339. Proceedings of the International Conference, Jaslovské Bohunice, 5-6 January 2007 Žilina: Strix et VeV. Prvé vydanie. NEMČOK A. 1982. Zosuvy v slovenských Karpatoch. VEDA SAV, 1982, pp. 318. BOHUŠ P. DUDASOVÁ J. 2010. Zaťažené oblasti životného prostredia v Slovenskej republike,MŽP SR, SAŽP, pp. 36. BOHUŠ P. KLINDA J. 2010. Environmentálna regionalizácia Slovenskej republiky. MŽP SR, SAŽP pp. 102. HRONEC O., VILČEK J., TOMÁŠ J. 2010. Kvalita zložiek životného prostredia v problémových oblastiach Slovenska. Brno, pp. 225. LAL9K V. 2010 Emisie znečiťujúcich látok zo spaľovacích procesov. TU vo Zvolene, Fakulta ekológie a environmentalistiky, pp. 157. KOLEJKA, J. A KOL. Postindustriálna krajina Česka, Brno, 2012, 283 s.

Required language skills:
Slovak language

Notes: The course is taught only in winter term

Course assessment: -

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Štefan Koco, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKPAB/24	**Course title:** Pedogeography and biogeography

Type, load and method of training activities:
Total number of lessons: 150 lessons
Number of contact lessons: 30 lessons

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation and preparation of assignments for the seminar: 30 lessons
Self-study and preparation for the exam: 90 lessons
Method: combined

Number of Credits: 5

Recommended term of study: 2nd term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. The preparation of short presentations on exercise. Student/group of students will prepare a presentation on a selected topic according to the agreed timetable.
2. Activity in exercises. Student/group of students are actively participate in exercise during exercise by topic.
3. Ongoing written test. Student undergoes ongoing testing at pre-agreed dates of issue that is currently being acquired in exercises and lectures. To obtain A (excellent) students must obtain at least 90%, to obtain B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed degree of FX.
4. Exam – oral/written: Student obtain FX if his/her answer will be stylistically and scientifically below average, student who will not adequately respond to the questions, if his/her answer will not be logical, if the student will not explain selected issues or student fails the exam.

Credits will not be awarded to a student who will not prepare presentations on terms, to a student who will not actively participate in exercises (noncontinuous training, nonactive discussions, absence of the exercises several times as shown in the study regulations), or student who obtain FX from continuous test, or who will not prepare didactic tool.
Meeting the conditions agreed in the exercises is the condition of participation on exam.
Overal rating object is calculated as the average of the ratings for the exercise, activities in exercise and oral/written exam. Credits will not be awarded to a student who obtain less than 50%.

Educational Outcomes: By the end of the course, students will know:
Knowledge:
sufficiently cross-sectionally define and interpret in their own words the object and subject of pedology and pedogeography, explain and describe the basic pedogenetic processes, characterize the process of data acquisition and processing in the field, explain the basic characteristics and properties of soil, describe the main features of various soil classification systems and define the soil information system. Define and interpret the object and subject of biogeography in his own words, describe the interrelationships between the elements of the biosphere. Characterize the methods of biogeography research, define the zonobiomas of the world and their characteristics, and describe the individual ecological factors and conditions.
Skills:
actively obtain physical geographical information from various information sources and apply the acquired knowledge in the presentation of physical geographical issues.
Competences:
is able to independently acquire new knowledge and actively expand their knowledge of pedogeography and biogeography, solve professional tasks independently or in a team, participate in professional discussion on the presented results, develop social and communication competencies.

Course Syllabus:
Syllabus of lectures:

1. Object of pedogeography, definition of soil, research institutions.
2. Soil processes.
3. Soil morphology.
4. Soil factors and conditions.
5. General characteristics of soil and soil properties.

6. Classification systems of soil. IS about soil.
7. Object of biogeography. Research methods. Biocenosis.
8. The status and function of organisms in the country.
9. Ecofactors.
10. Biomes.
11. Areas.
12. Zonality.
13. Man and biosphere.

Syllabus of seminars:

1. Introductory seminar (acquaintance with the system of work and evaluation criteria, schedule of presentations).
2. Physical geographical characteristics of the tropical rainforest.
3. Physical-geographical characteristics of the desert.
4. Physical-geographical characteristics of the steppe.
5. Physical-geographical characteristics of the taiga.
6. Physical-geographical characteristics of the tundra.
7. Pedogenetic processes.
8. Soil portal.
9. Soil information system.
10. Field walk.
11. Feld walk.
12. Field walk.
13. Credit week - evaluation.

Recommended literary resources:

BARABAS, D., LABUNOVÁ, A.: Vybrané kapitoly z biogeografie pre geografov. PF UPJŠ, Košice, 2009. BEDRNA, Z., JENČO, M.: Pedogeografia. Zákonitosti priestorovej diferenciácie pedosféry. Univerzita Komenského, Bratislava, 2016. BUCHAR, J.: Zoogeografie. SPN Praha, 1983. DOERR,A.H.: Fundamentals of pfysical geography. Wm.C.Brown Comunications, Inc.9, 1993. HENRYCH, R.: Fytogeografie. SPN Praha 1984. HORNÍK, S. a kol.: Fyzická geografie II. SPN Praha 1986. MIČIAN,Ľ.: Všeobecná pedogeografia. Skriptá, PriFUK, Bratislava, 1977. NĚMEČEK, J., SMOLÍKOVÁ, L., KUTÍLEK, M.: Pedológie a paleopedológie. Academia Praha, 1990. PLESNÍK, P.: Všeobecná biogeografia. UK, Bratislava 2004. ŠIMANSKÝ, V. a kol.: Pôdoznalectvo. SPU, Nitra, 2018. VANKOVÁ, V. a kol.: Biogeografia. FPV UKF, Nitra, 2008. VILČEK, J., ZVERKOVÁ, M.: Pedogeografia. Vysokoškolská učebnica. FHPV PU, Prešov, 2015. VITÁSEK, F.: Fyzický zeměpis III. Rostlinstvo a živočíšstvo. Praha, 1965. ZATKALÍK, F.: Biogeografia. Skriptá, PriFUK, Bratislava, 1992.

Required language skills:

Slovak language

Notes: The course is taught only in summer term

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: prof. Ing. Jozef Vilček, PhD., Mgr. Matúš Maxin, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKFSO/24	**Course title:** Physical geography of continents and oceans

Type, load and method of training activities:
Total number of lessons: 120 lessons
Number of contact lessons: 30 lessons

- Lecture: 2 lesson per week = 20 lessons
- Seminar: 1 lesson per weer = 10 lessons

Self-study and preparation for ongoing evaluation: 90 lessons
Method: combined

Number of Credits: 4

Recommended term of study: 3rd term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Preparation of short presentations for seminar. Student, respectively, a group of students prepare a presentation on selected issues according to an agreed timetable.
2. Activity on seminars. Student, respectively. a group of students were actively involved in activities during seminars.
3. Passing written examinations consisting of marking selected geonems into contour maps of individual oceans and continents.
4. Exam – final written test: To obtain A (excellent) students must obtain at least 90%, to obtain B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed degree of FX.

Credits will not be awarded to a student who has not prepared the compulsory presentations according to the agreed conditions, or to a student who has not been active in the exercises (he did not prepare, discuss or absent from the exercises more than once specified in the study regulations) or did not pass written examinations of contour maps. The condition for participation in the exam is the fulfillment of the conditions agreed at the exercises.
The overall evaluation of the course is based on the evaluation of exercises and the final written test. If a student obtains less than 50%, he / she will not be granted credits, nor will he / she be awarded the exam.

Educational Outcomes: By the end of the course student will know:
Knowledge:
sufficiently cross-sectionally define the terms ocean, continent, continents, platform, shield and orogen, describe and characterize the physical and geographical conditions of a particular ocean, respectively. continent, identify the basic physical-geographical processes and phenomena in the oceans and continents, explain the physical-geographical specifics of the oceans and continents. Define and describe the interrelationships between the elements of the country on the continents.

Skills:
actively acquire physical geographical information from various information sources, apply the acquired knowledge in the presentation of physical geographical issues of individual continents and oceans.

Competences:
can independently acquire new knowledge and actively expand their knowledge of the physical and geographical conditions of continents and oceans, solve professional tasks independently or in a team, engage in professional discussion of the presented results, develop social and communication competencies.

Course Syllabus:
Syllabus of Lectures:

1. Introduction (basic terminology, continent, …)
2. Physicogeographical features of World Ocean.
3. Physicogeographical features of Arctic.
4. Physicogeographical features of Antarctica.
5. Physicogeographical features of Australia.
6. Physicogeographical features of Africa 1.
7. Physicogeographical features of Africa 2.
8. Physicogeographical features of Asia 1.
9. Physicogeographical features of Asia 2.

10. Physicogeographical features of North America 1.
11. Physicogeographical features of North America 2.
12. Physicogeographical features of South America 1.
13. Physicogeographical features of South America 2.

Recommended literary resources:

Odporúčaná literatúra: ANDĚL, J., BIČÍK, I., BLÁHA, J. D.: Makroregiony světa – Nová regionální geografie. Karolinum, Praha 2019. BAAR,V., Šindler, P.: Regionální geografie světadílů a oceánů I. a II. Ped. Fak. Ostrava 1989. CASTAGNO, J. M., ed.: World Geography: North America & The Caribbean. Grey House Publishing, Amenia, NY, 2020. CASTAGNO, J. M., ed.: World Geography: Australia, Antarctica & Pacific Islands. Grey House Publishing, Amenia, NY, 2020. GURŇÁK, D. a kol.: Geografia Ázie. Univerzita Komenského, Bratislava 2014. Dostupné na: http://www.regionalnageografia.sk/publikacie/pub/GA/GA_cela.pdf. GURŇÁK, D. a kol.: Geografia Afriky. Univerzita Komenského, Bratislava 2021. Dostupné na: http://www.regionalnageografia.sk/publikacie/pub/GA/GAf_cela.pdf. MAKOWSKI, J.: Geografia fizyczna świata, PWN 2004. VEBLEN, T. T., YOUNG, K. R., ORME, A. R.: The Physical Geography of South America. Oxford University Press, 2007. VOTÝPKA, J., JANOUŠOVÁ, J.: Severní Amerika, SPN Praha 1987. VITÁSEK, F.: Fyzický zeměpis I., II. , Praha 1987.

Required language skills:

Slovak language

Notes: The course is taught only in winter term

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: Mgr. Matúš Maxin, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKPLG/24	**Course title:** Planetary Geography and Geology

Type, load and method of training activities:
Total number of lessons: 150 lessons
Number of contact lessons: 30 lessons

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Independent preparation of seminar exercises: 15 lessons
Independent preparation of seminar work: 25 lessons
Rock detection in laboratory and field conditions: 35 lessons
Self-study and exam preparation: 45 lessons
Method: combined

Number of Credits: 5

Recommended term of study: 1st term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Seminar work - elaboration and submission of the seminar work that will be focused on the work with the regional geological maps of Slovakia 1:50 000 according to schedule.
2. Recognition of the rocks and minerals - successful recognition of the collection of 67 chosen rock in the geological laboratory and in the terrain.
3. The preparation of 5 seminars - elaboration and submission of 5 seminar works with the theme of Planetary Geography according to schedule.
4. The active participation in the 1st seminar lesson at the Observatory and Planetarium.
5. Exam - oral exam: If the student wants to acquire the evaluation A (excellent), he/she has to acquire at least 90%, for the evaluation B 80%, for the evaluation C at least 70%, for the evaluation D 60%, for the evaluation E at least 50%. If the student acquires less than 50%, he/she will get the evaluation FX.

The student who acquires the evaluation FX from the seminar work and from the recognition of the minerals, or the student who does not prepare all the seminar works according to schedule, or the student who does not participate in the seminar at the Observatory or Planetarium, does not receive the credits. The achievement of requirements 1-4 are the conditions for the participation in the exam.
The total evaluation of this course will be calculated as the arithmetic average of the results from the seminar works, recognition of the minerals and oral exam.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
- define and interpret the basic phenomena and objects in the universe and solar system;
- analyse and interpret the basic attributes and aspects of the Earth planet, its movements and consequences;
- interpret the concept of time and time zones; identify local time on the Earth;
- explain the basic hypothesis and theories of the formation and evolution of Earth lithosphere; characterise the structure and properties of the Earth;
- explain the external processes on Earth and internal geological processes;
- define and explain the concept of mineral, rock
-define human influence as a geological factor

Skills:
- apply the acquired knowledge for the orientation on the night-time sky and day-time sky;
- perform the analysis of basic rocks in the field

Competences:
- work with the regional geological maps and geological information system;
- work up geology of the chosen area in the textual and cartographical form

Course Syllabus:

1. Introduction to the study of Earth Sciences; division of the sciences
2. Formation of the universe and solar system; objects and phenomena in the universe
3. Solar system - Sun, Planets
4. Solar system - Moon
5. Earth as our Planet, its structure and properties
6. Earth movements and its consequences

7. Geotectonic hypothesis and theories
8. External geological processes on Earth
9. Internal geological processes 1
10. Internal geological processes 2
11. Rocks and Minerals 1
12. Rocks and Minerals 2
13. Anthropogenic impact and geology

Recommended literary resources:

1. Arbogast, A. F. (2010). Discovering Physical Geography. 2th edition, Wiley and Sons, Inc., 639 p;
2. Bizubová, M. (2009). Základy geológie pre geografov. Vydavateľstvo Univerzity Komenského, PriF UK, Bratislava, 140 p;
3. Brázdil, R. et al. (1988): Úvod do štúdia planéty Země. Praha: SPN, 220 p;
4. Carlson, D.H., Plummer, Ch.C., Hammersley, L. (2011). Physical Geology-Earth Revealed. 9th edition. McGraw-Hill Companies, Inc. 645 p;
5. Condie, K.C. (2011). Earth as an Evolving Planetary System. 2th edition, Elsevier. 574 p;
6. Čabalová, D., Baliak, F., Kopecký, M. (1999). Geológia. Skriptá. STU Bratislava;
7. Činčura, J. et al. (1983). Encyklopédia Zeme. Obzor. Bratislava;
8. Davis, G.H., Reynolds, S.J., Kluth, Ch. F. (2012). Structural Geology of Rocks and Regions. 3nd edition, Wiley and Sons, Inc;
9. Elkins-Tanton, L.T. (2010). The Earth and the Moon. 2th edition. Facts on File, Inc., 302 p;
10. Holec, P. (2004). Vývoj_prírody. PriF UK Bratislava;
11. Hók, J., Kahan, Š., Aubrecht, R. (2001). Geológia Slovenska. PriF UK Bratislava;
12. Hrašna, J. (2002). Úvod do štúdia environmentálnej geológie. Vydavateľstvo Univerzity Komenského, PriF UK, Bratislava;
13. Kachlík, K., Chlupáč, I. (2003). Základy geológie, historická geológie. Karolinum, UK Praha;
14. Keller, E.A. (2012). Introduction to Environmental Geology. 5th edition. Prentice Hall. 801 p;
15. Lukáč, B. et al. (2005). Astronomické minimum. Hurbanovo: SÚH, 170 p;
16. Lutgens, F.K., Tarbuck, E.J. (2012). Essentials of Geology. 11th edition. Prentice Hall. 554 p;
17. Makarová, E. (1987). Základné poznatky o Zemi a vesmíre. Banská Bystrica: PdF UMB, 130 p;
18. Marshak, S. (2008). Earth-Portrait of a Planet. 3th edition. W.W. Norton and Company, Inc. New York, London, 957 p;
19. Marshak, S. (2013). Essentials of Geology. 4th edition, W. W. Norton & Company, Inc. New York, London, 650 p;
20. Michaeli, E., Kandráčová, V. (1989, 1990). Krajinná sféra Zeme. Přírodni vědy ve škole, roč. 41, č. 1, SPN Praha, pp. 32 – 36.
21. Mišík, M., Chlupáč, I., Cicha, I. (1984). Historická a stratigrafická geológia. SPN, Bratislava, 541 p;
22. Monroe, J.S., Wicander, R. (2006). The Changing Earth-Exploring Geology and Evolution. 4th edition. Brooks-Cole. 754 p;
23. Monroe, J.S., Wicander, R., Hazlett, R. (2007). Physical Geology. Exploring the Earth. 6th edition. Thompson.Brooks-Cole. 725 p;
24. Montgomery, C.W. (2011). Environmental Geology. 9th edition. McGraw-Hill Companies, Inc;
25. Murck, B.W., Skinner, B.J. (2012). Visualizing Geology. 3th edition, Wiley and Sons, Inc., 592 p;
26. Prokešová, R. (1998). Základy všeobecnej geológie. FPV UMB, Banská Bystrica;
27. Reichwalder, P., Jablonský, M. (2003). Všeobecná geológia I. Vydavateľstvo Univerzity Komenského, PriF UK, Bratislava;
28. Reichwalder, P., Jablonský, M. (2003). Všeobecná geológia II. Vydavateľstvo Univerzity Komenského, PriF UK, Bratislava;
29. Seeds, M.A., Backman, D.E. (2011). Foundations of Astronomy. 11th edition. Brooks-Cole. 674 p;
30. Seeds, M.A., Backman, D.E. (2011). Stars and Galaxies. 7th edition. Brooks-Cole. 482 p;
31. Seeds, M.A., Backman, D.E. (2011). The Solar System. 7th edition. Brooks-Cole. 646 p;
32. Seeds, M.A., Backman, D.E. (2012). Horizons. Exploring the Universe. 12th edition. Brooks-Cole. 535p;
33. Seeds, M.A., Backman, D.E. (2012). Universe-Solar System, Stars and Galaxies. 7th edition. Brooks-Cole. 514 p;
34. Skinner, B.J., Murck, B. (2011). The Blue Planet-An Introduction to Earth System Science. 3th edition. Wiley and Sons, Inc., 656 p;
35. Tarbuck, E.J., Lutgens, F.K. (2012). Earth Science. 13th edition. Prentice Hall. 769 p;
36. Tillery, B. W. (2014). Physical Science. 10th edition. The McGraw-Hill Companies.780 p;
37. Wicander, R., Monroe, J.S. (2010). Historical Geology-Evolution of Earth and Life Through Time. 6th edition. Brooks-Cole. 463 p.
38. Zacharov, M. (2003). Historická geológia a regionálna geológia Západných Karpát. FBERG, Košice.

Required language skills: Slovak language

Notes: The course is taught only in winter term

Course assessment:

The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Vladimír Čech, PhD., RNDr. Juliana Krokusová, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKPRG/24	**Course title:** Political and regional geography

Type, load and method of training activities:

Total number of lessons: 150 lessons

Number of contact lessons: 30 lessons

Lecture: 2 lessons per week = 20 lessons

Seminar: 1 lesson per week = 10 lessons

Individual preparation and preparation of assignments for the seminar: 40 lessons

Self-study and preparation for the exam: 80 lessons

Method: combined

Number of credits: 5

Recommended term of study: 4th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Interim written test*:* To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Exam – final written test: To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
3. Preparation for seminar presentations (2 students will prepare 2 power point presentation (min. 8 slides) according to the agreed timetable, on the development and current state of functioning and competences of the EU institutions.

Credits will not be awarded to a student who, from a written review gained less than 30% points or to student who for a short presentation received grade FX, also to a student who did not prepare all mandatory presentation according to the timetable, respectively has not been active on three or more seminars. The activity means the presentation and participation on discussions (comments, critical comment, questions). Condition for participation on exam is processing the output of the point no. 3.

Overall rating of the course is calculated as the arithmetic average of the ratings for the interim and final written test.

Educational Outcomes: By the end of the course, students will be able to:

Knowledge:

- interpret political geography and know the subject and object of the study;
- describe the nation state with an emphasis on political and geographical aspects of the terminology definitions, know the basic attributes of an independent state, to interpret its characteristics in the contemporary world;
- differ the political-geographical typology of states, characterized by their types, linked to the current global spatial-political structure;
- describe the basic factors acting on the functioning of the current spatial-political structure of the world and pass on knowledge to the sketch of global trends;
- use the basic spatial aspects of public international law in relation to the current global spatial-political structure;
- characterize the basic stages of development of regional geography and its key personalities in the world and Slovakia;
- interpret the object and subject of regional geography;
- classify region according to different classifications and knows the fundamental laws and rules for their allocation.

Skills and competences:

- apply acquired knowledge in the context of recent international developments;
- ability to engage in professional discussions on current global developments in international relations and politics;
- handle the issue of delimitation of typology and individual regions and its use in practice;
- Ability to work with the concept of region as a subject of regional planning.

Course Syllabus:

1. Theoretical aspects of political geography. Object and subject of study.
2. The nation-state as a model of political organization. Political and geographical context.
3. The internal structure of states as the basis for their typology.
4. Form of government, the competences of its components and the level of political pluralism as the basis for a typology of states.
5. The current spatial-political structure of the world. Factors affecting its creating and functioning.
6. International legal aspects of current spatial-political structure of the world.
7. Trends in the global space-political structure.

8. Development of regional geography in the world and in Slovakia.
9. The concept of region – the subject and object of regional geography.
10. Classification of regions. Homogeneous regions. Nodal regions, Complex regions..
11. Regionalisation – its content, forms, methods and rules.
12. Regional taxonomy.
13. Region as the subject of planning.

Recommended literary resources:

FLINT, C., TAYLOR.P.: Political Geography. Wprld-Economy, Nation State and Locality. Routledge, London – New York 2011. GLASSNER, M. I., FAHRER, CH.: Political Geography. Wiley & Sons, Hoboken 2004. GURŇÁK, D., BLAŽÍK, T., LAUKO, V.: Úvod do politickej a regionálnej geografie. UK, Bratislava 2007. INTERNATIONAL ENCYCLOPAEDIA OF HUMAN GEOGRAPHY. Elsevier, Amsterdam 2009 (heslá: Political Geography, State, World-System). IŠTOK, R.: Štát na politickej mape sveta. Politickogeografické a geopolitické aspekty. FHPV PU, Prešov 1997. IŠTOK, R: Politická geografia a geopolitika. FHPV PU, Prešov 2004. IŠTOK, R.: Priestorovo-politická štruktúra sveta a jej vývojové tendencie v období globalizácie. In: Ištok, R. (ed.): Transformácia politicko-priestorových systémov a systémov demokracie. FHPV PU, Prešov 2006. OTOK, S.: Geografia polityczna. Geopolityka. Ekopolityka. Globalistyka. Wydawnictwo Naukowe PWN, Warszawa 2009. MICHAELI, E., MATLOVIČ, R., IŠTOK, R. a kol., 2010, Regionálny rozvoj pre geografov. Prešovská univerzita v Prešove, Katedra geografie a regionálneho rozvoja, Vydavateľstvo Prešovskej univerzity, Prešov, 717 s., ISBN 978-80-555-0065-2. BAŠOVSKÝ, O., LAUKO, V., 1990, Úvod do regionálnej geografie. SPN, Bratislava, 118 s. BEZÁK, A., 1993, Problémy a metódy regionálnej taxonómie. Geographica Slovaca, 3, SAV Bratislava, 96 s. HAGGETT, P., 2001, Geography. A Global Synthesis. Prentice Hall, Harlow, 833 s. WRÓBEL, A., 1965, Pojęcie regionu ekonomicznego a teoria geografii. PWN, Warszawa, 86 s.

Required language skills:
Slovak language

Notes: The course is taught only in spring term

Course assessment:
Total number of assessed students: -

A	B	C	D	E	FX
-	-	-	-	-	-

Lecture: prof. RNDr. Robert Ištok, PhD., Mgr. Miloslav Michalko, PhD.

Date of letest revison: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Prešov in Prešov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKGOS/24	**Course title:** Population and Settlement Geography

Type, load and method of training activities:
Total number of hours: 150 hours
Number of contact hours/lessons: 30 hours/lessons

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation of entries on seminars: 50 hours
Self-study and preparation for the exam: 70 hours
Method: combined

Number of Credits: 5

Recommended term of study: 1st semester

Degree of study: 1st degree in the study programme Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Elaboration of portfolio - each student is required to correctly and within the deadline develop individual entries according to the pre-topics that make up the syllabus of Human Geography 1.The extent of one entry is limited to 600 - 700 words.
2. Exam - Final written test: To obtain a grade of A (excellent), student must obtain at least 90%, to obtain the grade of B 80%, a grade of C at least 70%, a grade of D at least 60%, and a grade of E 50%. A student who receives less than 50% will be assessed FX.

Credits will not be awarded to a student who does not submit entries in a reasonable quality and within the set deadlines. Double unexcused absence from seminars is also the reason for the overall assessment of FX. Participation in the final written test is conditioned by the submission of all assignments within the set deadline, which will be checked and accepted by the teacher.

Educational outcomes: By the end of the course student will be able:
Knowledge:
The student is able to define and interpret the object and subject of demography and geography of settlements, the position of the discipline in the system of geographical sciences, interpret the difference between demography and demogeography. Explain the connections and relationships between individual demographic indicators and demographic processes. Describe the most important indicators within the population structure. It defines and interprets the geography of settlements as a scientific discipline and its basic terms. Describes the settlement development and territorial changes in the settlement structure in Slovakia. Explain settlement processes, urbanization and development of urbanization in Slovakia.
Skills:
It actively searches for statistical data from individual sources. It applies basic quantitative and qualitative methods and procedures in the processing of obtained statistical data. It independently interprets information from the literature and other sources related to the area of demographic and settlement analysis of the region and methods of demographic research.
Competencies:
He can process statistical data at an appropriate level and present the obtained results in a suitable way as graphic and cartographic outputs. He is able to formulate conclusions in a professional and comprehensible way, which result from the analysis and synthesis of the examined demographic indicators.

Course Syllabus:
Outline of lectures:

1. Introductory lecture - definition of demography, object and subject of demography, subdivision of demography, demography and its relationship to other disciplines, the social significance of demography.
2. Historical overview, demographic terminology, demographic indicators and symbols, sources of demographic data - population census, population register, special surveys.
3. Demographic processes and their characteristics I (natality, nuptiality, divorce).
4. Demographic processes and their characteristics II (abortion, mortality, migration). Total population movement, Webb typology.
5. Structure of population by sex. Age structure of population. Household and family.
6. The current development of population - the theoretical basis of the current demographic trends, the current population growth in the world and Slovakia.

7. Demographic projections and prognoses - mathematical methods, component method, stochastic and structural methods.
8. Study literature and sources of information on settlements - study literature, statistical materials, encyclopedic works, monographs of towns and municipalities, atlases and cartographic works with urban issues, census.
9. Geography of settlements as a discipline, basic terms, the territorial and settlement structure units, classification of municipalities and cities.
10. Settlement development, land-use changes in the settlement structure, geographic location of settlements.
11. Size structure and dynamics of settlements, morphology and material component of settlements, settlement functions.
12. Spatial structure of town (morphological, functional-spatial, demographic, and social-intraurban structure), conceptions of its geographical interpretation.
13. Settlement processes. Urbanization and its economic, demographic, spatial and social aspects, development of urbanization of the world and Slovakia.

Outline of seminars:

1. Introductory seminar (familiarization with the system of work and evaluation criteria, schedule of presentations).
2. Division of assignments and assignment of districts (each student is assigned one district of the Slovak Republic, for which he / she will process all thematic assignments).
3. Processing assignment no. 1: Orientation in literature, collection and processing of sources on a given topic in the field of demography, resp. geography of settlements.
4. Processing assignment no. 2: Complex geographical characteristics of a selected statistical district of the Slovak Republic.
5. Processing assignment no. 3: Analysis and forecast of the development of the population of the selected city in the Slovak Republic in the years 1900 - present.
6. Check of assignments No. 1 to 3, analysis of deficiencies, corrections and recommendations.
7. Processing assignment no. 4: Analysis of the population distribution of the selected statistical district of the Slovak Republic in the year XX.
8. Processing of assignment no. 5: Analysis of the population movement of the selected city of the Slovak Republic in the years XX.
9. Processing of assignment no. 6: Analysis and structure of the population by sex and age of the selected statistical district in the year XX.
10. Processing of assignment no. 7: Analysis of the settlement network of a selected country according to the order-of-magnitude rule (Zipf's rule).
11. Control of assignments No. 4 to 7, analysis of deficiencies, corrections and recommendations.
12. Final colloquium and evaluation of assignment results.
13. Completion of seminars and preparation for the final written test.

Recommended literary resources:

BAŠOVSKÝ,O., MLÁDEK,J: Geografia obyvateľstva a sídiel. Skriptá. PF UK Bratislava, 1985. BAŠOVSKÝ, O., BARAN, V.: Geografia sídiel. Vysokoškolské skriptá. FPV UMB Banská Bystrica, 1998, 169 s., ISBN 80-8055-182-0. KALIBOVÁ, K.: Úvod do demografie. Učební texty Univerzity Karlovy v Praze. Karolinum, Praha, 2005, 52 s., ISBN 80-246-0222-9. KLUFOVÁ, R. a POLÁKOVÁ R., 2010. Demografické metody a analýzy: demografie české a slovenské populace. Bratislava: Wolters Kluwer. 978-80-7357-546-5. KROKUSOVÁ, J. – JEVIČOVÁ, S. 2019. Priestorová analýza demografického správania obyvateľov Európskej únie na príklade kohabitácií. In: Mladá veda, Roč. 7, č. 1, s. 11-24, ISSN 1339-3189, (online), Dostupné na: http://www.mladaveda.sk/casopisy/2019/01/01_2019_02.pdf. MATLOVIČ, R.: Geografia obyvateľstva Slovenska so zreteľom na rómsku minoritu. FHPV PU Prešov, 2005, 332 s. MLÁDEK, J. a kol.: Demogeografia Slovenska. UK Bratislava, 1998. MLÁDEK, J. a kol., 2006. Demografická analýza Slovenska. Bratislava: Vydavateľstvo UK. ISBN 80- 223- 2191-5. MAIK,W.: Podstawy geografii miast. UMK Toruň, 1992. HOLZER, J..Z.: Demografia. PWE Warszawa, 2003, 364 s. MATULNÍK, J.: Pokles pôrodnosti na Slovensku. Sociologická perspektíva. FH TU Trnava, 1998, 161 s. MLÁDEK, J.,: Základy geografie obyvateľstva. SPN Bratislava, 1992. PAVLÍK, Z., RYCHTAŘÍKOVÁ, J., ŠUBRTOVÁ, A.: Základy demografie. Academia Praha, 1986. VAŇO, B.: Obyvateľstvo Slovenska 1945-2000. Infostat, Výskumné demografické centrum, Bratislava, 2001, 74 s. PACIONE, M.: Urban Geography. A Global Perspective. Routledge, London, 2001. VOTRUBEC,C.: Lidská sídla, jejich typy a rozmístnění ve světe. Academia Praha, 1980.

Required language skills:

Slovak language

Notes: The course is taught only in winter term

Course assessment:

The total number of assessed students: -

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Radoslav Klamár, PhD., RNDr. Juliana Krokusová, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Prešov in Prešov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKOPI/24	**Course title:** Professional practice in institution

Type, load and method of training activities:
Total number of lessons: 120 hours
Number of contact lessons: 0 hours
Duration of practice: 10 working days
Daily subsidy under practice: 8 hours
Preparation of a report from practice, colloquium: 40 hours
Method: combined

Number of Credits: 4

Recommended term of study: : 6st term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:
The student will prepare a report on the practice, which will include:
Introduction, in which the student characterizes institution where he worked. Characteristics of the workplace must contain all information about the institution (except for classified information).
The second chapter of the report of practice will include a detailed characterization under individual work days (must be dated) - 10 working days with a subsidy of 6 hours a day at the workplace. Students can also prepare alternative presentation of their work in the institution.
The report shall contain an evaluation the practice of head of institution and it must be signed by the head. Scope of the Report of the practice is 3500 words.
Evaluation reports from practice:
The student has **graduated** the practice. This evaluation obtains a student who completes practice and prepare a report on the practice according to the above requirements. The practice is evaluated according to a report from practice and by rating the students in the institution of practice.
The conclusion of the traineeship report must include reasoned own thoughts on the practice in the institution in which he practiced and at the same time on the basis of his experience in the institution. The subject is evaluated according to the report from practice and according to the evaluation of the student by the institution.
The evaluation of **FX not graduating** will be obtained by a student who did not participate in the internship or did not prepared the report from the practice on equivalent level, or the report did not have a prescribed structure.

Educational Outcomes: Students are required to in the institution of practice:
- acquaint with the institution of practice,
- obtain information about the management and the importance of institution for the region,
- acquainted with the nature of work in the institution,
- participation on tasks in institution of practice,
- to present in the institution, the knowledge obtained by studying,
- to present skills in GIS technology,
- to present ability to process geographic problem analysis which needs of the institution,
- to process data from questionnaires or polls,
- to present their knowledge and skills with the possibility obtaining jobs.

Course Syllabus:
Syllabus of Lectures: 0

Recommended literary resources:
Information about the requirements to meet the evaluation of practice.

Required language skills:
Slovak or English language: If the student has practice in foreign institution.

Notes: The course is taught only in summer term

Course assessment: The condition for the evaluation of the internship is the participation in the internship in the given institution and the presentation of the report at the colloquium (passed, failed).

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Vladimír Solár, PhD., prof. Ing. Jozef Vilček, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKTMP/24	**Course title:** Project Design and Management

Type, load and method of training activities:
Total number of lessons: 120
Number of contact lessons: 20

- Lecture: 1 lesson per week = 10 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation of presentations for the seminar: 40 lessons
Self-study and preparation for ongoing evaluation: 60 lessons
Method: combined

Number of Credits: 4

Recommended term of study: 5th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion: Students are expected to actively participate in discussions on topical subjects and are expected to self-study materials for lectures and exercises. Is also expected understanding of the basic theory for the designing of a specific project in the teams.
Ongoing evaluation will be awarded based on a team elaboration of an individual project that involves elaboration of brief feasibility study, grant application form, project description form, a logical matrix and brief financial analysis of the project (100 % weighting evaluation). The final work of the team will be presented at the end of the term.
To obtain a grade A (excellent) to E, the student and his team has to submit all project documents: brief feasibility study of the project, grant application form, project description form, a logical matrix and brief financial analysis of the project. The rating is a single grade awarded to the entire project team for submitted project quality. To obtain a grade A (excellent) the student (and her/his project team) need to acquire at least 90 % of qualitative evaluation of the project, to obtain grade B 80 %, for C minimum 70 %, for D minimum 60 %, for F at least 50 %. Project team and student who receive less than 50 % of qualitative evaluation of the project will not pass the course and receive grade FX. Credits won't be awarded to students and project teams, which also did not process some part of the project, which has not presented a mandatory presentation of their project or to a student who missed 2 or more seminars.

Educational Outcomes: By the end of the course, students will know:
Knowledge:
sufficiently cross-sectionally define and interpret in their own words the object and subject of project management, describe the basic procedures of project management, including the organizational structure of the project, project life cycle, project management processes, etc. Characterize the basic methodological attributes of project creation and management, know the key terms related to project creation and management, describe the project creation process, including the preparatory phase and the phases following project completion (reporting, evaluation), explain the main attributes of social relevance of project creation and management for the needs of EU funds, but also for process management in the private and public sectors.
Skills:
actively apply project management procedures to the creation of a specific project, which includes project feasibility study, NFP application, project description, logical matrix and brief financial analysis of the project, practically analyze the call for projects and correctly processes the project based on instructions, obtain information independently from literature and other sources on project creation and management and apply the acquired knowledge in its presentation when applying for a job requiring expertise in the field of project management.
Competences:
can independently present the results of the study of literature and other sources, participate in professional discussions on the presented results and independently process a simple project proposal.

Course Syllabus:
1. General theory of project management
- Definition of the project management, project and its characteristic features
- Types of projects
- Tree of problems as a basis for project identification
2. Project management processes
- The basic process model
- Major group of PM processes

- Integrated Project Management
- Most identified problems in designing and management of projects
- Definition of projects' objectives
3. Methodology for setting objectives of the project, instruments and creating the concept of the project management
4. Project Planning
- Process Description
- Schedule of the project
- Project team: managing people working on the project
- Techniques of the Project Management
5. Completion and evaluation of the project
6. Assessing the relevance of the project to national and regional strategies and environmental impact
7. Implementation of the Project
- Reporting, monitoring and preparing of reports
- Financial management
- Project Evaluation
8. Teamwork on the selected project – elaboration of brief feasibility study
9. Teamwork on the selected project – elaboration of grant application form
10. Teamwork on the selected project – elaboration of project description form
11. Teamwork in the selected projects – elaboration of logical matrix
12. Teamwork in the selected projects – elaboration of financial analysis of the project (including budget)
13. Presentation and advocacy of designed projects

Recommended literary resources:

KORENKO, M., MÁCHAL, P.: Riadenie projektov. SPU, Nitra, 2020. ZÁVODNÝ, P.: Riadenie projektov. Ekonóm, Bratislava, 2013. BUTORACOVÁ ŠINDLERYOVÁ, I., GBUROVÁ, J., KOMAROVÁ, M.: Manažment projektov – vybrané oblasti, Prešovská univerzita, Prešov, 2010. DUPAĽ, A., MAJTÁN, M.: Manažment projektov. Ekonóm, Bratislava, 2003. MAJTÁN, M.: Projektový manažment. Bratislava: Sprint dva, 2009. SVOZILOVÁ, A.: Projektový management. Praha: Grada Publishing, 2006. NEWTON, R.: Úspešný projektový manažér. Praha: Grada Publishing, 2008. BARKER, S., COLE, R.: Projektový management pro praxi. Praha: Grada Publishing, 2009. ŠIPIKAL, M.: Tvorba projektov a programov, Bratislava, Ekonóm, 2010. IVANIČKOVÁ, A: Tvorba programov a projektov, Bratislava, Ekonóm, 2006. HULLOVÁ, D. – FINDRA, T. – KOŠŤAN, P.: Projektový manažment. 1. vyd. Banská Bystrica: Centrum vzdelávania neziskových organizácií, 2005.

Required language skills:
Slovak language

Notes: The course is taught only in winter term

Course assessment:
The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: doc. RNDr. Radoslav Klamár, PhD., Mgr. Jana Michalková, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Prešov in Prešov

Faculty Name: Faculty of humanities and natural sciences

Course code: 2GAG/MKPRR/24	**Course title:** Project of region development

Type, load and method of educational activities:
Total number of lessons: 60
Number of contact lessons: 10

- Seminar: 1 lesson per week = 10 lessons

Individual preparation of presentations for seminar: 30 lessons
Self-study and preparation for ongoing evaluation: 20 lessons
Method: combined

Number of credits: 2

Recommended term of study: 5th term

Degree of study: 1st degree in study programme Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Written test: For A grade (excellent) a student must acquire at least 90%, for grade B at least 80%, for grade C at least 70%, for grade D at least 60%, for grade E at least 50%. A student who acquires less than 50% will be graded FX (failed).
2. Preparation of short presentations for seminars – based on the given temporal schedule a student will prepare 1 ppt presentation (for 10-12 minutes) about: a chosen part of preparation process of a development document.

Credits will not be assigned to a student who acquires less than 50% at written test or to a student who will not prepare a compulsory presentation according to the given temporal schedule or to a student who will be absent at 2 and more seminars. A student having the best presentation from the seminar group can skip the test.

Educational Outcomes: By the end of the course, students will know:
Knowledge:
sufficiently cross-sectionally define and interpret in their own words the concepts of regional development and planning, know the importance of preparing development documents at local and regional level, describe the structure of development program at local and regional level through individual sub-steps, characterize individual components in the analytical part of the planning process. Identify and classify individual development factors between strengths, weaknesses, opportunities and threats within the SWOT analysis and define the basic objectives and measures in the development of the territory at the local and regional level.
Skills:
actively apply the methodological procedure in the analysis and planning of the development of a certain area, independently obtain geographical information from the literature and other sources necessary for the development program and apply the knowledge gained in their presentation when applying for a job requiring geographical expertise.
Competences:
can independently present the results of the study of literature and other sources for the analytical and planning part of the territorial development project, independently acquire new knowledge and actively expand their knowledge of regional development, identify territorial problems alone or in a team and participate in professional discussion on the presented results.

Course Syllabus:

1. Introductory seminar (course introductions, evaluation criteria, presentations schedule)
2. General characteristics and the importance of development plans at local and regional level.
3. The analytical part of the project - basic characteristics of the territory and regional context.
4. The analytical part of the project - analysis of physical-geographical conditions of the area.
5. The analytical part of the project - analysis of human-geographical conditions of the area.
6. The analytical part of the project - the functional and spatial land use and the survey of the inhabitants opinions.
7. The analytical part of the project - SWOT analysis and problem analysis.
8. The planning part of the project - strategic vision of territorial development, defining strategic and specific objectives.
9. The planning part of the project - identifying measures and priorities.
10. The planning part of the project - defining the timetable of implementation of measures in the form of priorities.
11. Program of region development in practice - presentation of planning process by an expert I.
12. Program of region development in practice - presentation of planning process by an expert II.

13. Credit week - evaluation.

Recommended literary sources:

DOBRUCKÁ, L., COPLÁK, J., JAMEČNÝ, Ľ., JAŠŠO, M., LADZIANSKA, Z. Tvorba strategického rozvojového plánu obce. Bratislava: Univerzita Komenského, 150 s., 2007. HAJASOVÁ, K., 2000. *Vybrané názory na pojem región a regionálny rozvoj.* Geografické štúdie 7, Prírodovedecká fakulta UKF, Nitra, s. 89 – 97. KLAMÁR, R. Strategické plánovanie rozvoja mikroregiónu Ptava. *Geografické práce 12*, Prešov, s. 210. 2007. KLAMÁR, R., ROSIČ, M., MADZIKOVÁ, A., KROKUSOVÁ, J., PASTERNÁK, T. a KOZOŇ, J. 2019. *Regionálny rozvoj – faktory, disparity a cezhraničná spolupráca*. Prešov, Vydavateľstvo Prešovskej univerzity. 318 s. LABOUNKOVÁ, V. a kol. *Metodická příručka pro zpracování strategických rozvojových dokumentů mikroregiónů*. Výskumná správa. Ústav územního rozvoje, Brno, s. 15, 2004. Metodika tvorby a implementácie programov hospodárskeho rozvoja a sociálneho rozvoja regiónov, programov rozvoja obcí a skupín obcí s uplatnením princípov udržateľného smart (inteligentného, rozumného) rozvoja. Bratislava, 2020. Dostupné na: https://www.mirri.gov.sk/wp-content/uploads/2020/09/Metodika_PHRSR2020.pdf MICHAELI, E., MATLOVIČ, R., IŠTOK, R. 2010. *Regionálny rozvoj pre geografov.* Prešovská univerzita, Fakulta humanitných a prírodných vied, Prešov. Vysokoškolská učebnica. 717 s. ISBN 978-80-555-0065-2. NAVRÁTILOVÁ, A., MARKVART, J. Programy rozvoje, strategické plány a jiné rozvojové dokumenty obcí ČR. Urbanismus a územní rozvoj 1/1999, 8-10, 1999. PATŘIČNÝ, V., VÁŠA, J. Integrované projekty venkovských mikroregiónů. Veřejná správa 8/1999, 23-25, 1999. PERLÍN, R. *Strategický plán mikroregionu*. Přírodovědecká fakulta Univerzity Karlovy, Praha, s. 65, 2007. Program hospodárskeho a sociálneho rozvoja Prešovského samosprávneho kraja na obdobie 2014-2020, Prešov, 2015. Dostupné na: https://www.po-kraj.sk/sk/samosprava/kompetencie-psk/regionalny-rozvoj/phsr-psk-2014-2020/. SPIŠIAK, P., KLAMÁR, R., MICHAELI, E. Udržateľnosť vybraného mikroregiónu (prípadová štúdia mikroregiónu Ptava - južná časť okresu Humenné). Folia geographica 7, Prešov, 104-126, 2004. TÖDLING, F., MAIER, G. 1998. *Regionálna a urbanistická ekonomika – Regionálny rozvoj a regionálna politika.* Bratislava: Elita. TVRDOŇ, J., HAMALOVÁ, M., ŽÁRSKA, E. 1995. *Regionálny rozvoj.* Vysokoškolské skriptá. Národnohospodárska fakulta, Ekonomická univerzita Bratislava, s.174.

Required language skills:

Slovak language

Notes: the course is taught only in winter term

Course assessment:

The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: ass.prof. RNDr. Radoslav Klamár, PhD., RNDr. Martin Angelovič, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKRRM/24	**Course title:** Regional development in selected world macroregions

Type, load and method of training activities:

Total number of lessons: 90 lessons

Number of contact lessons: 20 lessons

- Lecture: 1 lesson per week = 10 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation and preparation of assignments for the seminar: 30 lessons

Self-study and preparation for the exam /graded credit: 40 lessons

Method: combined

Number of credits: 3

Recommended term of study: 5th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Interim written test*:* To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Exam – final written test: To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
3. Preparation for seminar presentations (2 students will prepare 2 power point presentations (min. 5 slides) according to the agreed timetable, on the issue of regional development and regional policy of selected European countries and other macroregions of the world.

Credits will not be awarded to a student who, from a written review gained less than 30% points or to student who for a short presentation received grade FX, also to a student who did not prepare all mandatory presentation according to the timetable, respectively has not been active on three or more seminars. The activity means the presentation and participation on discussions (comments, critical comment, questions). Condition for participation on exam is processing the output of the point no. 3.

Overall rating of the course is calculated as the arithmetic average of the ratings for the interim and final written test.

Educational Outcomes: By the end of the course, students will know:

Knowledge:

sufficiently cross-sectional characterize the specifics of Europe in terms of its primary and secondary potential for regional development, know the primary and secondary potential of the Czech Republic in terms of its regional development, basic features of regional disparities in the Czech Republic and institutional and program support of regional policy in the Czech Republic. Define the primary and secondary potential of Poland in terms of its regional development, institutional and program support of regional policy in Poland. Characterize the basic features of regional policy in Great Britain, Germany, Italy, USA and Russia, respectively, in other selected macroregions and countries in the world (Middle East, Sub-Saharan Africa, SE Asia, Latin America, Australia and Oceania). Describe and explain the problems of implementing regional policy in developing countries.

Skills:

actively obtain information concerning regional policy and regional development abroad and to compare the functioning of regional policy in selected countries with the implementation of regional policy in Slovakia.

Competences:

can independently acquire new knowledge and actively expand their knowledge of regional development and regional policy of selected macro-regions and countries of the world, solve professional tasks independently or in a team, participate in professional discussion on the presented results, develop social and communication competencies.

Course Syllabus:

1. Balance of primary and secondary potential of Europe in terms of regional development.
2. Regional development and regional policy in Czech Republic – primary and secondary potential.
3. Regional development and regional policy in Czech Republic – regional disparities.
4. Regional development and regional policy in Czech Republic – institutional framework of regional policy.
5. Regional development and regional policy in the Czech Republic – security programme, and the regional development strategy of the Czech Republic
6. Regional development and regional policy of Poland – primary and secondary potential, regional disparities.
7. Regional development and regional policy of Poland – institutional and programme security.
8. Basic features of regional policy in the UK.

9. Basic features of regional policy in Germany.
10. Basic features of regional policy in Italy.
11. Basic features of regional policy in the USA.
12. Basic features of regional policy in Russia.
13. Problems with implementation of regional policy in developing countries.

Recommended literary resources:

CIHELKOVÁ, E. A KOL.: Světová ekonomika: regiony a integrace. Grada, Praha 2002. HAVLÍK, V.: Tvorba a implementaceregionální politiky v Německu. In: V. Dočkal (ed.): Regionální politika EU a naplňováníprincipupartnerství. Masarykova univerzita, Brno 2006.
Politykaregionalna w Polsce. Ministerstworozwojuregionalnego, Warszawa 2013 [http://www.mir.gov.pl/konferencje/Poznan/pl/Documents/Polityka_regionalna.pdf].SMĘTKOWSKI, M.: Rozwójregionów i politykaregionalna w krajachEuropyŚrodkowo-Wschodniej w okresietransfomacji i globalizacji. Scholar, Warszawa 2013. RegionalDevelopmentPolicies in OECD Countries. OECD 2010 [http://www.oecd-ilibrary.org].ROSS, C. (ed.): Regionalpolitics in Russia. Manchester University Press, Manchester 2002. Strategieregionálního rozvoje České republiky na období 2014 až 2020. Ministerstvo promístní rozvoj České republiky, Praha 2013. WOKOUN, R., MALINOVSKÝ, J., DAMBORSKÝ, M., BLAŽEK, J. A KOL.: Regionální rozvoj. (Východiska regionálního rozvoje, regionální politika, teorie, strategie a programování.) Linde, Praha 2008.WOKOUN, R., PĚLUCHA, M., KOUŘILOVÁ, J.: Obecníregionální politika. VŠE, Praha 2012.

Required language skills:
Slovak language

Notes: The course is taught only in winter term

Course assessment:
Total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: prof. RNDr. Robert Ištok, PhD.

Date of the latest revison: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

Course information sheet

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Code: 2GAG/MKRPE/24	**Title of Course:** Regional policy of the EU and SR

Type, load and method of training activities:
Total number of lessons: 120 lessons
Number of contact lessons: 30 lessons

- Lecture: 2 lessons per week = 20 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation and preparation of assignments for the seminar: 30 lessons
Self-study and preparation for the exam: 60 lessons
Method: combined

Number of credits: 4

Semester: 5th term

Degree/Level: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Grading Policy (Assessment/Evaluation):

1. Interim written test*:* To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Exam – final written test: To obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
3. Preparation of seminar presentations (2 students will prepare power point presentation (min. 8 slides) according to the agreed timetable, to the issue of financial instruments of regional policy of the EU and the implementation of regional policy in the Slovak Republic.

Credits will not be awarded to a student who, from a written review gained less than 50% points or to student who for a short presentation received grade FX, also to a student who did not prepare all mandatory presentation according to the timetable, respectively has not been active on three or more seminars. The activity means the presentation and participation on discussions (comments, critical comment, questions). Condition for participation on exam is processing the output of the point no. 3.
Overall rating of the course is calculated as the arithmetic average of the ratings for the interim and final written test.

Aims and Objectives: By the end of the course, students will be able to:
Knowledge:
define in sufficient depth the pillars of regional policy of the European Union, the main specifics of the regional development policy of the EU in various stages of its development. Can explain the main principles of the EU regional policy in the programming period 2014-2020, characterize the bodies of regional policy of the EU, their functions and competences, categorize the tools and principles of regional policy of the EU including the basic functioning of the financial instruments of regional policy of the EU. Explains the basic assumptions on regional development of Slovakia taking into account its primary and secondary potential in the context of the specifics of regional policy until 1990. Can analyse the bases of the Slovakia for the implementation of regional policy in its territory in the programming period 2014 – 2020 as well as the institutional, legislative and programme security. Can describe the nature and content of the basic documents of regional development and regional policy in the Slovak republic.
Skills:
professionally oriented in the relevant documents relating to regional policy in the EU and in Slovakia and individually obtain information concerning regional policy and regional development in the EU and in Slovakia.
Competences:
to solve problems with obtaining the necessary information concerning regional policy in the EU and in Slovakia and to apply the obtained information and the knowledge learned in the creation of projects. He can actively join the professional discussions on the issue of regional policy in Slovakia and in the European Union.

Syllabus/Indicative Content:

1. Introduction to the study of regional policy of the EU. Pillars of regional policy of the EU.
2. Development of the European regional policy between 1957 and 1991.
3. Development of the European regional policy between 1992 and 2013.
4. Development of the European regional policy between 1992 and 2006.
5. Regional policy of the European Union between 2007 and 2013.
6. Regional policy of the European Union between 2014 and 2020.

7. Bodies of European regional policy.
8. Instruments of European regional policy.
9. Principles of European regional policy.
10. Balance of primary and secondary potential of the Slovak Republic in the context of regional development and regional policy.
11. Development and regional policy in the Slovak Republic with an emphasis on programming strategy 2014 - 2020.
12. Key aspects of functioning of regional policy in the Slovak Republic nowadays (institutional, legislative and programme security).
13. Key documents of regional development and regional policy in the Slovak Republic.

Suggested readings:

HÁJEK, O., NOVOSÁK, J.: Kohezní politika v širších souvislostech. Georg, Žilina 2010. KLAMÁR, R., KOZOŇ, J., IVANOVÁ, M.: Regional inequalities in the Visegrad group countries, Serbia and Croatia. Geographica Pannonica, 24, 3-3, 187-204, 2020. KONIG, P., LACINA, L., PŘENOSIL, J.: Učebnice evropskéintegrace. Barrister a Principal, Brno 2011. KOREC, P.: Regionálny rozvoj Slovenska v rokoch 1989-2004: Identifikácia menej rozvinutých regiónov Slovenska. Geo-grafika, Bratislava 2005. MAIER, G., TÖDTLING, F.: Regionálna a urbanistická ekonomika – Regionálny rozvoj a regionálna politika.. Bratislava: Elita, ISBN 80-8044-049-2, 314 s., 1998. MATLOVIČ, R., KLAMÁR, R., KOZOŇ, J., IVANOVÁ, M., MICHALKO, M.: Spatial polarity and spatial polarization in the context of supranational and national scales: regions of Visegrad countries after their accession to the EU. Bulletin of geography: Socio-economic series, 41, 59-78, 2018. MATLOVIČ, R., KLAMÁR, R., MATLOVIČOVÁ, K.: Vývoj regionálnych disparít začiatkom 21. storočia na Slovensku vo svetle vybraných indikátorov. Regionální studia, 2, ISSN 1803-1471, 2-12, 2008. MICHAELI, E., MATLOVIČ, R., IŠTOK, R. A KOL.: Regionálny rozvoj pre geografov. Vydavateľstvo PU, Prešov 2010. PAVLÍK, M. a kol.: Regiony budoucnosti – spolupráce, bezpečí, efektivita. Grada, Praha 2019. RAJČÁKOVÁ, E.: Regionálny rozvoj a regionálna politika Európskej únie a Slovenska. Geo-grafika/Extern, Bratislava 2009. STEJSKAL, J., KOVÁRNÍK, J.: Regionální politika a její nástroje. Portál, Praha 2011. WOKOUN, R., MALINOVSKÝ, J., DAMBORSKÝ, M., BLAŽEK, J. a KOL.: Regionální rozvoj. (Východiska regionálního rozvoje, regionální politika, teorie, strategie a programování.) Linde, Praha 2008.

Language of Instruction:
Slovak language

Other course information: The course is taught only in winter term

Grading history
Total number of assessed students:

A	B	C	D	E	FX

Lecturer/Instructor: prof. RNDr. Robert Ištok, PhD., Mgr. Jana Michalková, PhD.

Last update: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKSMG/24	**Course title:** Statistical methods in Geography

Type, load and method of training activities:
Total number of lessons: 150 lessons
Number of contact lessons: 30 lessons

- Lecture: 1 lesson per week = 10 lessons
- Seminar: 2 lesson per week = 20 lessons

Individual preparation for seminary: 60 lessons
Self-study and preparation for project and the ongoing evaluation: 60 lessons
Method: combined

Number of Credits: 5

Recommended term of study: 3th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Consecutive evaluation: During the semester the processing of the individual project of the semester, that is focused on analysis, description and processing of statistical data and the graphical visualization of these data will be evaluated. To obtain an assessment A (excellent) a student has to obtain at least 90 %, to obtain an assessment B 80 %, an assessment C at least 70 %, an assessment D at least 60 %, an assessment E at least 50 %. A student who receives less than 50 % will be assessed by degree of FX.
2. Final written test or oral examination. To obtain an assessment A (excellent) a student has to obtain at least 90 %, to obtain an assessment B at least 80 %, an assessment C at least 70 %, an assessment D at least 60 %, an assessment E at least 50 %. A student who receives less than 50 % will be assessed by degree of FX.

Credits will not be awarded to a student who does not complete a semester project and does not pass the final written test or oral examination in the required quality. The overall evaluation of the course will be calculated as an arithmetic average for a continuous written test or oral examination and semester project.

Educational Outcomes: By the end of the course, students will be able to:
Knowledge:
Successfull student is able
- to understand the importance of selected statistical characteristics (mean values, variability rates,...),
- to sort and classify statistical data,
- to interpret the statistical data well,
- to compare differences between the data groups analysed,
- to address specific tasks;
- and graphically show the analyzed data.

Skills:
Successfull student is able
- to obtain geographical information from literature and other sources independently and individually;
- to apply the lessons learned in the processing of individual project (based on the degree of similarity divide the world countries into groups; assess the differences in population structure by monitoring selected mean values and variability rates, …);
- individually obtain the geographic information from literature and other sources;
- apply the acquired knowledge to solve practical problems (find out which river has a more balanced flow, to assess differences in the population structure by monitoring selected mean values and measures of variability, based on the degree of similarity to divide the states of the world into groups, ...);

Competences:
- engage in professional discussions and know to take forward the opinion to assumed subjects;
- think creatively.

Course Syllabus:
Syllabus of Lectures:

1. The term statistics, a statistical set and a statistical unit, statistical sign and their classification. Stages of statistical research.
2. Statistical series and multiplicity.
3. The mean (arithmetic, geometric and harmonic mean).
4. Mean (median and mode).

5. Quantiles.
6. Measures of variability (absolute and relative).
7. Dependencies between quantitative statistical features. Person's correlative coefficient.
8. Course of dependence, linear regression.
9. Exploratory data analysis. Example of creating profile diagrams in the program Statistics.
10. Cluster analysis
11. Principal components analysis.
12. Factor analysis.
13. Correspondence analysis.

Syllabus of Seminars:

1. Know to establish a statistical set, determine what the statistical unit of created set will be, identify and classify statistical signs.
2. For a specific example to be able to create a frequency table in Excel and Statistica, transform the simple frequency distribution in the group, calculate the optimal intervals, construct the histogram and polygon, and describe the types of frequency distribution.
3. Solving practical problems for the calculation of the arithmetic, geometric and harmonic average.
4. Solving practical problems for the calculation of the median and modus. Sample calculation of mean values in the program Statistica.
5. Solving practical problems of quantiles.
6. Solving practical tasks for calculating absolute and relative measures of variability (simple and group distribution of abundance).
7. Solving examples for correlation and regression analysis.
8. Exploratory data analysis in concrete examples.
9. Cluster analysis.
10. Method of principal components.
11. Factor analysis.
12. Correspondence analysis.
13. Review of knowledge - the final test or oral examination.

Recommended literary resources:

Bačík, M. 2007. Základy štatistiky pre geografov I. Banská Bystrica: UMB, ISBN 978-80-8083-502-6.
Gregorová, G., Fillová, V. 2004. Štatistické metódy v geografii. Bratislava: UK, 2004, 117 s. ISBN 80-968146-6-4.
Chajdiak, J. 2004. Štatistika jednoducho. Bratislava: Statis, 194 s.
Ivanová, M., Hofierka, J. 2009. Základy štatistických metód v geografii. Prešov: FPPV PU, 2009, 144 s. ISBN 978-80-555-0091-1.
Lichner, V. 2020. Základy štatistiky v sociálnych vedách. Košice: ŠafárikPress, 83 s. ISBN ISBN 978-80-8152-925-2.
Meloun, M., Militký, J., Hill, M. 2012. Statistická analýza vícerozměrných dat v příkladech. Praha: Academia, 2012, 750 s., ISBN 978-80-200-2071-0.
Vojtková, M., Stankovičová, I. 2007. Viacrozmerné štatistické metódy s aplikáciami. Bratislava: Iura Edition spol. s.r.o., 2007, 261 s., ISBN 978-80-8078-152-1.

Required language skills:
Slovak language

Notes: The course is taught only in winter term

Course assessment:
The total number of assessed students:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: JUDr. RNDr. Monika Ivanová, PhD., doc. RNDr. Štefan Koco, PhD.

Date of the latest revision: 31.10.2024

Approved by: prof. RNDr. Jozef Vilček, PhD.

University Name: University of Presov in Presov

Faculty Name: Faculty of Humanities and Natural Sciences

Code: 2GAG/MKSRP/24	**Title of Course:** Strategic regional planning

Type, load and method of training activities:
Total number of lessons: 120 lessons
Number of contact lessons: 20 lessons

- Lecture: 1 lessons per week = 10 lessons
- Seminar: 1 lesson per week = 10 lessons

Individual preparation and preparation of assignments for the seminar: 20 lessons
Self-study and preparation for the seminar paper: 25 lessons
Self-study and preparation for the exam: 55 lessons
Method: combined

Number of Credits: 4

Semester: 5th term

Degree/Level: 1st degree in the study programme: Geography and Land Management

Prerequisites:

Grading Policy (Assessment/Evaluation):

1. Examination - written test: To obtain the evaluation A (excellent), a student has to obtain at least 90%, to obtain B 80%, for the evaluation C at least 70%, for the evaluation D 60%, for the evaluation E at least 50%. A student who receives less than 50% will obtain the evaluation FX.
2. Preparation of a short presentation to the seminar (range 10 slides). According to the agreed timetable about the selected stage of strategic planning within the selected town/region.
3. Preparation of seminar paper - each student will prepare a seminar paper about the selected stage of strategic planning within the selected town or region.

Credits will not be awarded to a student who from a written test obtains the evaluation FX or to a student who has not accomplished mandatory presentation to a timetable or a student who was absent from two or more seminars. Condition for participation in the exam is: processing of a short presentation and preparation of the seminar paper.

Aims and Objectives: By the end of the course, students will be able to:
Knowledge:
Clearly define the term strategic planning and explain concepts of strategy and strategic thinking in strategic planning. Can explain the strategic planning process through the various successive steps, within which they can identify the main actors in regional development and justify the importance of partnerships in the planning process and the importance of public participation. Can justify the importance and significance the linkage of strategic and spatial planning.
Skills:
Apply procedure of strategic planning in planning, developing and coordinating the preparation of the development document of the selected area, gain relevant supporting data and information necessary for the analysis of the strategic planning process and apply learned knowledge in presentation when applying for jobs which requires geographic expertise.
Competences:
Communicate and critically present the results (own or in a team) and engage in expert discussions on the presented results.

Syllabus/Indicative Content:

1. The basic terminological framework - development, growth, regional development, components of development.
2. The basic terminological framework - planning as a term, planning as a process.
3. Different approaches to planning and relationships between different types of planning.
4. Basic principles of spatial planning and its importance in regional development.
5. Strategy and strategic thinking.
6. Basic features and principles of strategic planning.
7. Basic actors of development in the planning process and their importance.
8. Partnership in the planning process.
9. Public participation in the planning process.
10. Strategic plan as a result of the planning process - analytical part.
11. Strategic plan as a result of the planning process - programming part.

12. The relationship between spatial and strategic planning.
13. Spatial planning as an approach coordinating territorial and strategic planning.

Suggested readings:

DOBRUCKÁ, L., COPLÁK, J., JAMEČNÝ, Ľ., JAŠŠO, M., LADZIANSKA, Z.: Tvorba strategického rozvojového plánu obce. Bratislava: Univerzita Komenského, 150 s., 2007. JEŽEK, J., SLACH, O., ŠILHÁNKOVÁ a kol.: Strategické plánovaní obcí, měst a regionu. Vybrané problémy, výzvy a možnosti řešení. Praha: Wolters Kluwer ČR, ISBN 978-80-7552-263-4, 216 s., 2015. KLAMÁR, R.: Strategické plánovanie rozvoja mikroregiónu Ptava. Geografické práce 12, Prešov, 210 s., 2007. KLAMÁR, R., ROSIČ, M., MADZIKOVÁ, A., KROKUSOVÁ, J., PASTERNÁK, T., KOZOŇ, J.: Regionálny rozvoj - faktory, disparity a cezhraničná spolupráca. Prešov: Prešovská univerzita, 318 s., ISBN 978-80-555-2326-2, 2019. MAIER, K.: Paralely odlišností mezi územním a strategickým plánováním. In: Belčáková, Gál (ed.) Nástroje priestorového plánovania v kontexte transformácie a európskej integrácie. Bratislava: Road, 66-75, 2010. MIČKA, P. a kol.: Metodika participace aneb jak zapojit občany do rozhodování. Praha: Agora CE, ISBN 978-80-906397-1-3, 84 s., 2016. PERLÍN, R.: Strategický plán mikroregionu. Praha: PřírF UK, 65 s., 2007. RUSNÁK, J., KOREC, P.: Teórie regionálneho rozvoja a výskum regiónov. Bratislava: Univerzita Komenského, ISBN 978-80-223-5059-4, s. 211, 2020.

Language of Instruction:
Slovak language

Other course information: The course is taught only in winter term

Grading history
The total number of assessed students:

A	B	C	D	E	FX

Lecturer/Instructor: doc. RNDr. Radoslav Klamár, PhD., RNDr. Martin Angelovič, PhD.

Last update: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.

University Name: University of Prešov

Faculty: Faculty of Humanities and Natural Sciences

Course code: 2GAG/MKTUR/24	**Course Title:** Tourist regions

Type, load and method of training activities:
Total number of hours: 120 hours
Number of hours of contact lessons: 30 hours
- Lectures = 20 hours
- Seminars = 10 hours

Preparation of presentations: 20 hours
Preparation of essay: 20 hours
Preparation for examination: 50 hours
Method: combined

Number of Credits: 4 * 1 credit = 30 hours

Recommended term of study : 5th term

Degree of study: 1st degree in the study programme: Geography and Land Management

Prerequisites: -

Conditions for course completion:

1. Interim written test with following assessment (percentage of successfulness): to obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
2. Examination – closing written test with following assessment:): to obtain grade A (excellent) must obtain at least 90%, to obtain grade B 80%, to obtain grade C at least 70%, to obtain grade D 60%, to obtain grade E at least 50%. A student who receives less than 50% will be assessed the degree FX.
3. Prepare a short presentation to the seminar (range 10-15 min.) According to the agreed timetable of the selected tourist destination of the world.
4. Preparation of term paper - each student will prepare a term paper based on a presentation prepared in the range of 3500-4000 words which characterize selected tourist regions and tourist destinations of the world.

Credits will not be awarded to a student who from a review written for less than 30% points or a student who received a term paper for evaluation FX or student who has not drawn a mandatory presentation to a timetable or a student who was absent for three or more seminars. Condition for participation in the trial is processing a short presentation and seminar work.
Overall evaluation object is calculated as the arithmetic average of the ratings for a term paper, interim and final written test.

Learning outcomes: *student knows:*
Knowledge:
- define concepts related to tourism in sufficient depth and cross-section;
- clarify the connections and relationships between the various segments of tourism in the world and in Slovakia, as well as in relation to other sectors of the service sector;
- to know the phenomena and processes that have a decisive influence on the development of tourism in the world and in Slovakia and to be able to explain their essence;
- explain the methodological procedure of evaluation of a selected segment of tourism in a selected country of the world and in Slovakia.

Skills:
- to actively apply the procedure for the evaluation of individual segments of tourism in the analysis, planning and preparation of a specific geographical characteristic of the selected area;
- independently obtain geographical information in assessing the significance and importance of selected segments of tourism;
- to propose suitable methods of cartographic visualization in the processing of the given assignments.

Competencies:
- to solve problems connected with obtaining a suitable database and their processing;
- use tools and methods independently or in teams when researching tourism segments;
- professionally and clearly formulate knowledge about the applied procedures and present the achieved results in relation to the issues addressed.

Course Syllabus:

1. Asia - Physical-and Human geographical characteristics.

2. Tourist regions – Southwest Asia – South Asia.
3. Tourist regions – Southeast Asia – East Asia.
4. Tourist regions – Central Asia – Northern Asia.
5. Amerika - Physical-and Human geographical characteristics.
6. Tourist regions – North America - South America – Central America.
7. Africa - Physical-and Human geographical characteristics.
8. Tourist regions – North Africa – West Africa – Central Africa – East Africa – South Africa.
9. Europe - Physical-and Human geographical characteristics.
10. Tourist regions – Europe.
11. Australia, Oceania, Antarctic - Physical-and Human geographical characteristics.
12. Tourist regions – Australia – Oceania - Antarctic.
13. Tourist regions – Slovakia.

Recommended bibliography and other sources:

BAAR, V., ŠINDLER, B.: Regionální geografie světadílů a oceánů I. a II. díl, PdF Ostrava, 1989. BATEMAN, G., EGANOVÁ, V.: Encyklopedie Zeměpis světa, Columbus Praha, s.512, 1994. BIČÍK, I. a kol.: Makroregiony světa, Nakladatelství české geografické společnosti, s.r.o. Praha, s. 148, 2011. BOROVSKÝ, J., SMOLKOVÁ, E., NIŇAJOVÁ, I.: Cestovný ruch trendy a perspektívy. Iura Edition, spol. s r.o. Bratislava, s.280, 2008. BRADSHAW, M.,: A world Regional Geography. The New Global Order. WCB McGraw-Hill, Boston, 1997. COLE, J.,: Geography of the World´s Major Regions. New York, 1996. JĘDRUSIK, M., MAKOWSKI, J., PLIT, F.: Geografia turystyczna świata. Nowe trendy.Regiony turystyczne. WUW Warszawa, s. 383, 2010. KOL.: Geografický místopisný slovník. Academia Praha, s. 924, 1993. KOL.: Lexikon Zemí 2003, Fortuna Print Praha, s. 503, 2002. KOPŠO, E.: Geografia cestovného ruchu. SPN Bratislava, s. 328, 1992. KUREK, W. a kol.: Regiony turystyczne świata częśść 2. WN PWN Warszawa, s.344, 2012. LIŠČÁK, V.: Státy a území světa. Libri Praha, s.896, 2009. MAKOWSKI, J.: Geografia regionalna świata. WN PWN Warszawa, s. 399, 2013. OTRUBOVÁ E.: Humánna geografia II. Geografia zahraničného obchodu. Geografia cestovného ruchu. Prírodovedecká fakulta, Ústav geografie UPJŠ Košice, s.108, 2003. TOUŠEK, V., KUNC, J., VYSTOUPIL, J. a kol.: Ekonomická a sociální geografie. Vydavatelství a nakladatelství Aleš Čeněk, s.r.o. Plzeň, s. 411, 2008. VAŠKO, M.: Cestovní ruch a regionální rozvoj. VŠE, Praha, 2002. ZUBRICZKÝ, G.: Geografia štátov sveta. Mapa Slovakia Bratislava, s. 254, 2009.
Tourist guides - Lonely Planet, Rough Guides, Nelles Guide, Olympia and other
Magazines – GEO, National Geographic, Země světa, Lidé a země, Geografické rozhledy, Trend and other

Required language skills:
Slovak language

Notes: course is running during winter semester only

Course assessment:

A	B	C	D	E	FX
-	-	-	-	-	-

Lecturer: : Mgr. Anton Fogaš, PhD.

Date of latest revision: 31.10.2024

Approved by: prof. Ing. Jozef Vilček, PhD.