Course description

Department/Unit /	KGE / GEMO		Academic Year	2023/2024
Title	Applied Regional Geography		Type of completion	Pre-Exam Credit
Accredited/Credits	Yes, 3 Cred.		Type of completion	
Number of hours	Lecture 2 [Hours/Week]			

	Status A	Status B	Status C		
Occ/max				Course credit prior to	No
Summer semester	0 / -	0 / -	0 / -	Counted into average	NO
Winter semester	0 / -	0 / -	0 / -	Min. (B+C) students	10
Timetable	Yes			Repeated registration	NO
Language of instruction	Czech			Semester taught	Summer semester
Optional course	Yes			Internship duration	0
Evaluation scale	S|N				
No. of hours of on-premise					
Auto acc. of credit	Yes in the case of a previous evaluation 4 nebo nic.				
Periodicity	every year				
Specification periodicity					
Substituted course	KGE/GMOB				
Preclusive courses	KGE/GMO				
Prerequisite courses	N/A				
Informally recommended courses	N/A				
Courses depending on this Course	N/A				

Course objectives:

The course objective is to make students familiar with a geographical analysis of the natural and socioeconomic environs of a small region (municipality or a micro-region).

Requirements on student

Elaboration of a term paper - a geographic analysis of a municipality.
Compliance with the condition of a test by achieving 75%, a possibility of two retests.

Content

Geography of a small region as a basis for a regional or local analysis. Hierarchical access to studying geographical space; Methods of regional research;
Sources of data for a geographic analysis of a small region. Application of statistical information. Materials for a cartographic analysis - basic geographic methods and elaborating map outputs;
Defining a region and a geographic location;
Assessment of natural differentiation of an area (geological conditions and topography, climatic conditions: temperature, precipitation, weather, hydrological conditions, characteristics of soil, biogeographic characteristics of a small region). Assessment of a landscape application;
Analysis of historical development;
Population assessment (number of inhabitants and their distribution, biological structure, economic activities, cultural characteristics and movement of population);
Settlements and their development (structure of settlements and their urban characteristics, housing stock quality);
Analysis of branches of the economy (development and structure of the economy, characteristics of industry, agriculture, forestry and water management, extraction of minerals, labour market analysis);

Transport networks and its usage. Transport accessibility;

Technical infrastructure: electric wiring network, gas installation, phone installation, water supply and sewerage, sewage treatment plants, waste disposal issues);

Social infrastructure assessment (school, medical, cultural and sport facilities);

Natural limits and nature conservation, preservation of monuments, landscape planning documentation. Prerequisites for areas to be used in tourism;

Selected tools for regulation of the development of a small region (regional politics, programmes of regional support of small and medium sized businesses, programmes of village renewal).

Fields of study

Guarantors and lecturers

- **Guarantors:**   doc. RNDr. Marie Novotná, CSc. (100%)

Literature

- **Basic:**   Kopp, Jan. *Úvod do regionálního výzkumu*. Plzeň : Západočeská univerzita, 2001. ISBN 80-7082-762-9.
- **Extending:**   Dubcová, Alena et al. *Mikrogeografia - krajina okolo nás.*. Nitra, 2012. ISBN 978-80-558-0112-.
- **Recommended:**   Novotná, Marie. *GIS Nečtinsko*. V Plzni : Západočeská univerzita, 2006. ISBN 80-7043-425-2.
- **Recommended:**   Mirvald, Stanislav. *Metody geografického výzkumu. [Díl] I.*. 1. vyd. Plzeň : Vydavatelství Západočeské univerzity, 1998. ISBN 80-7082-435-2.
- **Recommended:**   *Úvod do geografického poznávání regionu*. 1. vydání. Plzeň : Pedagogická fakulta, 1996. ISBN 80-7043-197-0.
- **Recommended:**   Winter, Jiří. *Základy regionálního výzkumu : malá oblast*. 1. vyd. Plzeň : Pedagogická fakulta Západočeské univerzity, 1993. ISBN 80-7043-085-0.

Time requirements

All forms of study

Activities	Time requirements for activity [h]
Contact hours	26
Undergraduate study programme term essay (20-40)	22
Preparation for comprehensive test (10-40)	30
Total:	**78**

assessment methods

Knowledge - knowledge achieved by taking this course are verified by the following means:

Test

Seminar work

Skills - skills achieved by taking this course are verified by the following means:

Test

Seminar work

Competences - competence achieved by taking this course are verified by the following means:

Seminar work

prerequisite

Knowledge - students are expected to possess the following knowledge before the course commences to finish it successfully:

to understand basic knowledge of the physiographic sphere, the Earth population and of the socioeconomic sphere small area - a municipality or a microregion

Skills - students are expected to possess the following skills before the course commences to finish it successfully:

process charts and graphs

Competences - students are expected to possess the following competences before the course commences to finish it successfully:

N/A

N/A

N/A

teaching methods

Knowledge - the following training methods are used to achieve the required knowledge:

Lecture supplemented with a discussion

Field trip

Individual study

Lecture with visual aids

Skills - the following training methods are used to achieve the required skills:

Lecture with visual aids

Lecture supplemented with a discussion

Competences - the following training methods are used to achieve the required competences:

Lecture supplemented with a discussion

Textual studies

learning outcomes

Knowledge - knowledge resulting from the course:

to elaborate geographic characteristics of a small region - a municipality or a micro-region;

to use data gained by means of the methods of the field and empiric research;

to join all the information in a geographic synthesis

to use statistical data;

Skills - skills resulting from the course:

Using text for creating geographic characteristics of small areas

Using statistical resources for creating geographic characteristics of small areas

Using map resources for creating geographic characteristics of small areas

Competences - competences resulting from the course:

N/A

N/A

Course is included in study programmes:

Study Programme	Type of	Form of	Branch	Stage	St. plan v.	Year	Block	Status	R.year	R.
Civil Engineering	Bachelor	Full-time	Land-use Planning	1	2020	2023	Povinné předměty	A	1	LS
Geography	Bachelor	Full-time	Economic and Regional Geography	1	2017	2023	Blok A: Povinné předměty	A	2	LS