Simon Kuznets Kharkiv National University of Economics

Syllabus of the course

«Geoinformation systems in tourism»

Specialty	*242 «Tourism and Recreation»*
Study Programme	*«Tourism»*
Study cycle (Bachelor, Master, PhD)	*the first (Bachelor) level of higher education*
Course status	*elective*
Language	*English*
Term	*second year third semester or second year fourth semester or third year fifth semester or third year sixth semester or fourth year seventh semester or fourth year eighth semester*
ECTS credits	*5*
Workload	*Lectures – 24 hours.*
	Practical studies – 0 hours.
	Laboratory studies – 24 hours.
	Self-study – 102 hours.
Assessment system	*Grading including Exam*
Department	*Department of tourism, building 1, auditorium 316, phone: (057)758-77-26 (ext. 451), website: http://tourism.hneu.edu.ua/*
Teaching staff	*Nadiya Dekhtyar, PhD in Economics, associate professor of the Tourism Department*
Contacts	*nadiya.dekhtyar@hneu.net*
Course schedule	*Lectures: according to the schedule* *Practical studies: according to the schedule*
Consultations	*At the Department of tourism, offline, according to the schedule, individual, PNS chat.*

Learning objectives and skills:

is formation of a system of theoretical knowledge and applied skills aimed at work with the modern techniques and services of geoinformation technologies used for the collection, processing and presentation of mapping data

Structural and logical scheme of the course

Prerequisites	Postrequsites
-	-
-	-

Course content

Module 1. *Basics of geoinformation technologies*

Topic 1. Digital cartography

Topic 2. Principles of navigation systems. Global positioning systems

Topic 3. Processing of analytical data

Topic 4. GIS hardware and software requirements. Stages of spatial design

Topic 5. Online services based on geoinformation technologies

Module 2. *Use of geoinformation technologies in economic research*

Topic 6. Requirements for the organization and processing of geospatial information in different industries

Topic 7. Modelling of geospatial tasks. Methods of data visualization

Topic 8. Types of spatial data and methods of computer presentation of geographical

information
Topic 9. Cadastral zoning and territorial development planning
Topic 10. Integration of GIS with other tourist services

Teaching environment (software)

Multimedia projector, S. Kuznets PNS, Corporate Zoom system

Assessment system

Assessment of students' learning outcomes is carried out by the University according to the cumulative 100-point system.

Current control is carried out during lectures and practical (seminar) classes and aims to assess the level of students' readiness to perform particular tasks, and is assessed by the amount of scored points.

The maximum amount during the semester – 60 points; the minimum amount required is 35 points. Final control is carried out at the end of the semester in the form of an exam (the maximum amount is 40 points, the minimum amount required is 25 points).

Current control includes the following assessment methods: assignments on a particular topic; testing; presentations, and calculation tasks.

More detailed information on assessment and grading system is given in the technological card of the course.

Course policies

Teaching of the academic discipline is based on the principles of academic integrity.

Violation of academic integrity includes academic plagiarism, fabrication, falsification, cheating, deception, bribery, and biased assessment.

Educational students may be brought to the following academic responsibility for breach of academic integrity: repeated assessment of the corresponding type of learning activity.

More detailed information about competencies, learning outcomes, teaching methods, assessment forms, self-study is given in the Course program.