



Syllabus of the course

«Information systems in management»

Specialty	073 «Management»	
Study Programme	Logistics, Management of innovative activity, Business Administration	
Study cycle (Bachelor, Master, PhD)	the first (Bachelor) level of higher education	
Course status	elective	
Language	English	
Term	third year fifth semester or third year sixth semester or fourth year seventh 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 cyber security and information technologies, head. building, auditorium 412, phone: (057) 702-06-74 (ext. 304), website: https://www.kafcbit.hneu.edu.ua/	
Teaching staff	Starkova Olha, Doctor of Engineering Sciences, Professor	
Contacts	olha.starkova@hneu.net	
Course schedule	Lectures: according to the schedule Practical studies: according to the schedule	
Consultations	At the Department of computer systems and technologies, offline, according to the schedule, individual, PNS chat.	
Learning objectives and skills:		
of the course is to form a system of fundamental theoretical knowledge and practical skills in the field of identification of management problems; mastering methods and means of creation, technological support of automated information systems in management in general and in its various branches		
Structural and logical scheme of the course		
Prerequisites	Postrequisites	
-	-	
-	-	
Course content		
Topic 1. Information as a product and object of object management		
Topic 2. The essence of the information system		
Topic 3. Information process in management as an object of automation		
Topic 4. Organization of automated information systems in management based on modern computer technology		
Topic 5. Organization of the information fund of the management object		
Topic 6. Organization of technological support of the automated information system		
Topic 7. Organization of an automated system in the intra-company management of the enterprise		
Topic 8. Organization of an automated accounting system at the enterprise		



Topic 9. Organization of an automated system in the management of banking activities

Topic 10. Organization of an automated system in the management of financial and credit bodies and insurance institutions

Topic 11. Organization of an automated system in the management of tax institutions

Topic 12. Expert systems in automated information systems

Topic 13. Decision support systems

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: laboratory work, written control work.

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.