Syllabus of the course
«Information systems in the organization and management of IT enterprises»

Specialty	*F3 Computer sciences*
Study Programme	*Computer sciences*
Study cycle (Bachelor, Master, PhD)	*second (Master)) level of higher education*
Course status	*mandatory*
Language	*English*
Term	*first year, 1 semester*
ECTS credits	*5*
Workload	*Lectures – 18 hours.* *Practical studies – 0 hours.* *Laboratory studies – 22 hours.* *Self-study – 110 hours.*
Assessment system	*Exam*
Department	*Department of Information Systems* *phone: (057) 702 18 31 (add. 3-16)* *website: https://kafis.hneu.net/*
Teaching staff	*Plokha Olena Borysivna, PhD, Associate Professor*
Contacts	*olena.plokha@hneu.net*
Course schedule	*Lectures: according to the current class schedule* *according to the current class schedule* *Laboratory studies: according to the current class schedule according to the current class schedule*
Consultations	*At the Department of Information Systems, offline, according to the schedule, individual, PNS chat.*

The purpose of teaching the course "Information systems in the organization and management of IT enterprises" is to develop the competence of applicants in the implementation and support of information systems and the use of information processing technologies, decision support systems in the organization the work of enterprises in the field of information technologies (IT).

Structural and logical scheme of the course

Prerequisites	Postrequsites
	Course work Diploma work

Course content

Module 1: *Organization of enterprise activities in the field of information technologies*
Topic 1. Business in the field of information technologies and trends in its development
Topic 2. Creation and organization of activities of IT industry companies
Topic 3. Designing a management system for IT enterprises
Module 2: *Use and implementation of information systems in the organization and management of an IT enterprise*
Topic 4. Information systems and market research technologies
Topic 5. Information systems and technologies for conducting innovative activities
Topic 6. Information systems and technologies in the organization of
IT enterprise activities

Topic 7. Information systems and technologies for determining the resource provision of an IT enterprise and evaluating the effectiveness of its activities

Teaching environment (software)

Distance learning tools: Personalized learning systems website:
https://pns.hneu.edu.ua/course/view.php?id=6987
Library: http://library.hneu.edu.ua Repository: http://www.repository.hneu.edu.ua University classrooms (Kharkiv, 9A Nauky Ave.)
Multimedia equipment: projector, laptop / computer, Internet access, software: Ramus Educational, Canvas Creator, Microsoft Office, Microsoft Project, Trello

Assessment system

An university uses 100 ball story system of evaluation of results of studies of bread-winners of higher education. Current control comes true during realization of lecture and laboratory employments and has for an object verification of level of preparedness of bread-winner of higher education to implementation of concrete work and estimated by the sum of the collected points.

Final control includes semester control that is conducted in a form to examination.

Maximally possible amount of points for current control during a semester for discipline form of control of that examination - 60 and minimum possible amount of points – 35.

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

Course policies

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

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

Education seekers 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