



Syllabus of the academic discipline «Enterprise Architecture Management»

Specialty	<i>F6 " Informational systems and technologies "</i>
Educational program	<i>" Informational systems and technologies "</i>
Educational level	<i>the second (master 's) level of higher education</i>
Discipline status	<i>Elective</i>
Language of teaching	<i>English</i>
Course / semester	<i>1 course, 1 semester</i>
ECTS credits	<i>5</i>
Distribution by types of classes and hours of study	<i>Lectures - 12 hours. Laboratory - 28 hours Independent work - 110 hours.</i>
Final control form	<i>Exam</i>
Chair	<i>of information systems, aud . 413 (main building), (057) 702-18-31 (ext. 4-37), http://www.is.hneu.edu.ua/</i>
Teacher(s)	<i>Mykola Yuriyovych Karpenko, Ph.D. , associate professor</i>
Contact information teacher(s)	<i>my.karpenko@gmail.com 097-111-201 0</i>
Days of classes	<i>according to the current class schedule</i>
Consultations	<i>Remote, according to the consultation schedule, individual, chat in PNS</i>

The purpose of the educational discipline: expansion and deepening of theoretical knowledge and applied abilities and skills regarding the main concepts and definitions in the field of architectural construction of business structures, analysis of architectural construction of business structures, acquisition of skills to build an effective IT architecture in stages, development of a business strategy for the use of information technologies, development of IT the budget of the enterprise, management of the architectural process, application of communication and information technologies in the process of preparation, adoption and implementation of management decisions, application of acquired skills in practical activities related to information policy.

Structural and logical scheme of studying an academic discipline

Prerequisites	Post-requisites
Development and implementation IS	Strategy IS
	Diploma work

Content of the academic discipline

Content module 1. Basics of enterprise architecture

Topic 1. Business and information technologies.

Topic 2. IT budgets and new technologies.

Topic 3. Principles, models and standards of the enterprise's business architecture.

Gartner IT architecture description .

Content module 2. Architectural process control

Topic 5. Management and control of the architectural process.

Topic 6. Implementation of the results of the architecture development project.

Material and technical (software) ensuring discipline

Distance learning tools: Website of personal learning systems: <https://pns.hneu.edu.ua> . Library: <http://library.hneu.edu.ua> Repository : <http://www.repository.hneu.edu.ua>. Auditoriums of the university (Kharkiv, Nauki Ave. 9A).



*Multimedia equipment: projector, laptop/computer, Internet access,
Software : Microsoft Windows, Microsoft Office, Xmind , Aris Express , Visual Paradigm, MS Project,
PNS HNEU named after S. Kuznets , ZOOM*

Assessment forms and methods

The university uses a 100-point accumulative system for evaluating the learning outcomes of higher education applicants.

Current control is carried out during lectures and laboratory classes and aims to check the level of preparedness of the student of higher education to perform a specific job and is evaluated by the sum of points scored.

The final control includes the semester control, which is conducted in the form of an exam.

The maximum possible number of points for the current control during the semester for the discipline whose form of control is the exam is 60, and the minimum possible number of points is 35.

The maximum number of points per exam is 40. The minimum number per exam is 25.

More detailed information on the evaluation and accumulation of points for the academic discipline is provided in the work plan (technological map) for the academic discipline.

Policies of educational discipline

The teaching of the academic discipline is based on the principles of academic integrity. Violations of academic integrity include: academic plagiarism, fabrication, falsification, plagiarism, deception, bribery, biased assessment. For violation of academic integrity, students of education are subject to the following academic responsibility: repeated assessment of the corresponding type of educational work.

More detailed information on competencies , learning outcomes, learning methods, assessment forms and methods, independent work is provided in the Work Program of the academic discipline.