



Syllabus of the course "Business Information Systems"

Speciality	<i>D3 Management F6 Information Systems and Technologies</i>
Study Programme	<i>Management and Information Technologies</i>
Study cycle (Bachelor, Master, PhD)	<i>The first (Master's) level of higher education</i>
Course status	<i>mandatory</i>
Language	<i>English</i>
Term	<i>1 year, 1 semester</i>
ECTS credits	<i>5</i>
Workload	<i>Lectures – 30 hours. Laboratory studies – 30 hours. Self-study – 90 hours.</i>
Assessment system	<i>Grading including Exam</i>
Department	<i>Department of Informatics and Computer Engineering, Nauky Avenue 9-A, c. Kharkiv, main building, auditorium 405 Phone: +38(057) 702-06-74 (additional 438) website: http://www.kafikt.hneu.edu.ua/</i>
Teaching staff	<i>Olha TIUTIUNYK, PhD in Technical Sciences, associated professor</i>
Contacts	<i>olha.tiutiunyk@hneu.net +380501424995</i>
Course schedule	<i>Lectures: according to the schedule Laboratory classes: according to the schedule</i>
Consultations	<i>at the Department of Informatics and Computer Engineering: face-to-face sessions in accordance with the consultation timetable; individual sessions, chat via the PNS and Zoom</i>

Learning objectives and skills:

*The course **aims** to provide of theoretical and practical knowledge in future specialists on the basics of creating and operating modern business information systems; acquisition of skills to assess the effectiveness of developing and operating modern business information systems that are based on advanced information technology and take into account international experience.*

Structural and logical scheme of studying the course

Prerequisites	Postrequisites
	Design and implementation of software systems

Course content

Content module 1. *Fundamentals of building business information systems*

Topic 1. Process approach to the development of business information systems.

Topic 2. Technologies for creating of business information systems

Topic 3. IT-architecture of business information systems.

Content module 2. *Using business information systems*

Topic 4. Fundamentals of ERP-systems.

Topic 5. Fundamentals of PLM-systems.

Topic 6. IT-based communication between commercial organizations.

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 essay writing.

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.

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