



Syllabus of the educational discipline «Introduction into Major»

Specialty	<i>121 Software Engineering</i>
Educational program	<i>All educational programs</i>
Level of education	<i>The first (Bachelor) level of higher education</i>
Discipline status	<i>Mandatory</i>
Teaching language	<i>English</i>
Course / semester	<i>1 course, 1 semester</i>
Number of credits ECTS	<i>6</i>
Distribution by types of trainings and hours of study	<i>Lectures – 24 hours. Practical studies (seminars) – 14 hours. Laboratory studies – 36 hours. Self-study – 108 hours.</i>
Form of final assessment	<i>Grading</i>
Department	<i>Information Systems, 61166, Kharkiv, Nauky av., 9a, S Kuznets Khneu, 412, 413., http://www.is.hneu.edu.ua/</i>
Teacher (-s)	<i>Gryzun L.E., Doctoral Degree in Pedagogical Science, Professor, Full Professor</i>
Teacher's contacts	Lgr2007@ukr.net
Days of the classes	<i>Lectures: Due to the schedule Laboratory studies: Due to the schedule</i>
Consultations	<i>Online consultations via PNS chat.</i>
The purpose of the discipline is the formation of future specialists' knowledge of the CT basics, design and operation of software, as well as the earning of practical skills in working with contemporary software and effective use of information and communication technologies in professional activities to solve various problems.	
Prerequisites for learning The list of the preliminary learnt disciplines: Pre-university Mathematics, Pre-university Informatics.	
Content of the educational discipline Content module 1. Introduction into software engineering Theme 1. Place of software developer in IT area. Theme 2. History of development and state-of-art if programming languages. Theme 3. Programming technologies and paradigms. Theme 4. Basics of programs testing. Theme 5. Fundamentals of programs developing for mobile devices.	
Material and technical support (software) of the discipline (software of MS Office, Internet, repl.it.)	
Course page on the Moodle platform (personal training system)	https://pns.hneu.edu.ua/
Assessment system of learning outcomes The system of assessment of formed students' competencies takes into account the types of classes, which according to the curriculum of the discipline include lectures, practical studies, laboratory classes, as well as independent work. Assessment of the formed competencies of students is carried out according to the accumulative 100-point system. Control measures include: current control, which is carried out for the semester during lectures, practical studies, laboratory classes and is estimated by the amount of points scored. Maximum amount for current control is 100 points, the minimum amount is 60 points.	



The procedure for conducting current assessment of students' knowledge include: the tasks doing at the practical studies and laboratory classes, presentations on the topics and test papers.

More detailed information on assessment is given in the technological card of the discipline.

Discipline policies

Policy of academic integrity is kept during the course studying. Students have to attend lectures, practical studies and laboratory classes on the discipline. If there are proper reasons, they have to inform the teacher of their absence. Regular studying of lecture material and doing tasks of practical studies and laboratory tasks due to deadlines are obligatory. The tasks of independent work are to be passed in the established terms. The presence of students at the modular control and final pass is mandatory. A student studies successfully if he consistently scores the grades during the term and obtain not less than 60 grades.

More detailed information about competencies, learning outcomes, teaching methods, assessment forms, independent training is given in the working plan of the discipline.

Syllabus approved at the meeting of the Department «Information Systems».

Protocol № 7 of 10.06.22