

Discipline	Optional discipline № 12.2 «Artificial intelligence and world economy digital transformation»
Degree of higher education	Bachelor
Name of specialty / study programme	International Economic Relations / International Business
Mode of study	Full-time
Year of studies, semester, duration	4 th year, 8 th semester, one-semester
Semester control	Pass/fail test
Number of hours (lectures and seminars), credits	150 (10/14), 5 credits
Language	Ukrainian or English
Department in charge	International Economic Relations and Project Management
Author of the discipline	Kateryna Dedeliuk
Short description	
Prerequisites	Basics of economics and international economy, information technology.
What will be studied?	The essence of the digital economy, features and indices of digitalization of the world economy. The concept of artificial intelligence (AI); factors, potential, prospects of AI development; the impact of AI on the world economy; challenges for the world economy related to the introduction of AI.
Why is it interesting and should be learnt?	Artificial intelligence and digitalization are already our reality. In the future, their importance, impact and scale will increase. Studying the course will allow you to better understand the current changes and prospects of the digital world economy development, and to form a clearer idea of how you can integrate into the new digital age as a specialist.
What can be learnt? (study results)	How to: understand the features of digitalization; analyze the transformational changes in the world economy under the influence of AI; understand the prospects for AI development and challenges for the world economy; explore examples and experiences of AI implementation.
How can the acquired knowledge and skills (competences) be used?	To analyze digitalization indices and assessment scenarios of AI impact in the regional and sectoral context in the medium and long term.
Suggested readings	The course is based on analytical materials of the European Commission, European Parliament (European Parliamentary Research Service), UNCTAD, Department of Economic and Social Affairs (UN DESA), McKinsey Global Institute, PwC, International Telecommunication Union researches.