

Description of an optional academic component

Academic Component	Optional Academic Component «DEEP SEMANTIC ANALYSIS AND INTERPRETATION»
Level of HE	second (master's) level
Title of Specialty / Educational and Professional Program	C3 International Relations / EPP International Strategic Communications
Form of Education	Full-time
Course, Semester, Duration	2nd year, 3 semester, 4 credits
Semester Control	Credit
Number of Hours (total: including lectures / practical)	120 hours (10 lectures / 14 practical)
Language of Instruction	English
Department that Provides Teaching	Department of International Communications and Political Analyses
Instructor	Candidate of Geographical Sciences, Associate Professor Fedonyuk Serhiy
Brief Description	
Requirements for Starting Studies	Fluency in Ukrainian; basic knowledge of information and communication technologies.
What will be Studied	Technologies, tools and methods of deep semantic analysis of documents in the field of international relations, using specialized software and artificial intelligence (AI) technologies.
Why is it Interesting / should be Studied?	You will learn to practically apply the advantages of modern ICT, in particular AI, for rapid processing of large amounts of information and preparation of information products, which is important for future professional activities.
What can you Learn (Learning Results)?	Ability to perform deep analysis of large text data using specialized tools (Voyant Tools, etc.) and the ChatGPT (ADA) large language model and other models and tools.
How to Use the Acquired Knowledge and Skills (Competencies)?	<ul style="list-style-type: none"> • knowledge and understanding of the possibilities and methods of effective professional use of AI tools; • ability to analyse within the framework of complex specialised tasks and practical problems in the field of international relations using AI technologies; • ability to synthesize to solve complex specialized tasks and practical problems in the

	<p>field of international relations using AI technologies.</p> <p>Special (professional) competencies:</p> <ul style="list-style-type: none"> - ability to solve complex specialized tasks and practical problems in the field of international relations, foreign policy of states, public communications, regional studies; - ability to analyse international processes in various contexts, including political, security, legal, economic, social, cultural and informational; <p>General competencies:</p> <p>Ability to use information and communication technologies.</p> <p>Ability to search process and analyse information from various sources.</p>
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