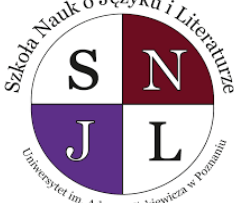
		<b>Adam Mickiewicz University in Poznań</b>
		Doctoral School of Languages and Literatures 
		<b>Introduction to Digital Humanities</b>
		dr Kostiantyn Mazur
<b>Type of classes</b>	workshops	
<b>Language of instruction</b>	English	
<b>The number of hours + form of passing classes</b>	15 hours / credit in the form of a grade	
<b>Course objectives</b>	<ul style="list-style-type: none"> <li>• working with the databases of the Adam Mickiewicz University Library; using e-journals and e-books; calculating the h-index in Scopus and Web of Science databases;</li> <li>• discussion of the AMU visual identification system in the context of doctoral students' application activities, including participation in and organization of conferences, preparation of promotional materials, etc.;</li> <li>• advanced use of PowerPoint (formatting multimedia files, recording screen content; converting presentations to video files); introduction to Gamma – creating multimedia materials using artificial intelligence algorithms;</li> <li>• introduction to issues related to artificial intelligence in scientific work: use of AI in research (programs such as Perplexity; large artificial intelligence models – ChatGPT, Microsoft Copilot, Gemini); the application of artificial intelligence in scientific data analysis; the impact of AI on scientific research methodology; the use of language models (LLM) in writing and reviewing scientific literature; research integrity and the use of AI in creating publications; the impact of AI on the structure and dynamics of research work.</li> </ul>	
<b>Course contents</b>	<ol style="list-style-type: none"> <li>1. AMU University Library databases; e-journals; e-books.</li> <li>2. Calculating the h-index in Scopus and Web of Science databases.</li> <li>3. AMU visual identification system.</li> <li>4. PowerPoint – advanced multimedia presentation creation.</li> <li>5. Creating multimedia materials in Gamma.</li> </ol>	

	6. Perplexity, LLM, large artificial intelligence models. 7. Challenges and objections related to the use of AI in scientific work.	
<b>Prerequisites</b>	English language proficiency at B-2 level	
<b>Learning outcomes</b>		<b>Verification methods:</b>
<b>In terms of knowledge: A person who has completed this course knows and understands:</b>  the achievements of world science in the discipline in which the education takes place, as well as the paradigms and directions of development of this discipline, in a way that enables their creative and innovative development and their verification within the framework of research projects undertaken [E_W01]  rules for the dissemination of results of scientific activities, traditional methods and open access [E_W03]  basic principles for knowledge transfer to the economic and social spheres and for the commercialisation of research results [E_W06]		Multimedia presentation; active group work; individual work with computer
<b>In terms of skills: A person who has completed this course is able to:</b>  effectively retrieve information related to scientific activity from various sources, including from sources in foreign languages, and to properly select, critically analyse and interpret this information; furthermore, he/she is able to assess its relevance for scientific development [E_U02]  transfer the results of scientific activity to the socio-economic sphere in cooperation with institutions from the social and economic environment [E_W03]  present the results of his/her research and to initiate and conduct scientific and popular science discussions in Polish and foreign languages [E_W06]  plan his/her own development, both in terms of scientific, academic and other professional activities, and inspire and stimulate development of other people [E_U08]		Multimedia presentation; active group work; individual work with computers
<b>In terms of social competences: A person who has completed this course is prepared to:</b>  fulfilling social obligations as a researcher; initiating actions in favour of the public interest, <i>inter alia</i> , through appropriate dissemination of scientific achievements in society. Furthermore, he/she is ready to take actions leading to the development of civil society based on knowledge [E_K03]  thinking and acting in an entrepreneurial way, creating new ideas and searching - in cooperation with people from other disciplines - for innovative solutions, as well as taking up challenges and		Multimedia presentation; active group work; individual work with computers

<p>intellectual risk in the scientific and public spheres and taking responsibility for the consequences of their decisions [E_K04]</p> <p>continuous improvement of professional competence and personal development, in particular by tracking and analyzing the latest developments in the represented scientific discipline [E_K05]</p>	
<p><b>Literature</b></p>	<ul style="list-style-type: none"> <li>• N. Duarte, <i>slide:ology: The Art and Science of Creating Great Presentations</i>, O'Reilly Media, 2008.</li> <li>• S.J. Russell, P. Norvig, <i>Artificial intelligence: a modern approach</i>, Pearson, Hoboken, 2021.</li> <li>• J. F. Graley, <i>Understanding artificial intelligence {AI}. Volume One, A comprehensive beginners guide to the world of artificial intelligence</i>, Books of Understanding 2024. <ul style="list-style-type: none"> <li>○ <i>Understanding Artificial Intelligence. Volume Three: Uncovering the Dark and Dangerous Side of AI</i>, Books of Understanding 2024.</li> </ul> </li> </ul>