

Subject card

Subject name and code	, PG_00135545						
Field of study	Archaeology						
Date of commencement of studies	October 2024	Academic year of realisation of subject			2024/2025		
Education level	undergraduate studies	Subject group					
Mode of study	full-time studies	Mode of delivery			at the university		
Year of study	1	Language of instruction			Polish Polish		
Semester of study	2	ECTS credits			2.0		
Learning profile	academic	Assessment form					
Conducting unit	Faculty of Social Sciences -> Rektor						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Agnieszka Bógdał-Brzezińska				
	Teachers						
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM		
	Number of study hours	30	2.0	18.0	50		
Subject objectives	The aim of the course is to familiarize students with the impact of developing modern technologies on the functioning of the state, its politics, society and law. (from political and international perspective).The starting point will be the history of the impact of technology on politics and social changes in the 20th and 21st centuries.Countries with the highest share of technology in social, cultural and security development (technological superpowers) will be compared. The impact of international organizations to the technological development of the modern world will be discussed.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
		The student has knowledge of the impact of modern technologies on the functioning of the state, society, the security sector and international organizations. The student is able to indicate the connections between modern technologies and the politics of the modern state, the functioning of its society and the broadly understood sphere of international relations (including geopolitics). The student has the competence to assess and forecast current and future trends in technological development in the modern world.			[SW1] oral statement/ conversation/discussion [SW5] implementation of a problem task [SU1] oral statement/conversation/discussion [SU5] implementation of a problem task [SK1] oral statement/conversation/discussion [SK5] implementation of a problem task		

Subject contents	<p>Introduction: Technologies definitional and classification issues.</p> <p>Section I. Digital technologies what's closest</p> <ol style="list-style-type: none"> 1. The impact of modern technologies on modern countries. History of the development of information and telecommunications technologies (ICT); The history of the Internet in the context of the communication revolution. Internet geography. 2. Information society and knowledge society. Digitization of the economy and lifestyle in the era of globalization. 3. Digital democracy. Technocracy. The State as a Digital Panopticon. 4. Internet psychology. 5. Politicians in cyberspace: the role of new media in shaping political communication and political image. Modern technologies and the state's brand. 6. Digital threats to state security and international security. Cyberterrorism, cyberwar and cooperation of international organizations in combating them. Cybersecurity of Poland. 7. Sovereignty in cyberspace. Cyberpower rivalry. Autonomy or cooperation? Geopolitics of cyberspace. Digital diplomacy. 8. Artificial intelligence in applications in the field of politics and security: war, society control, authoritarian regimes, leadership and command. <p>Section II. Space technologies the furthest thing</p> <ol style="list-style-type: none"> 1. Evolution of interest in space. Narratives about the impact of space on life on Earth. Cosmism. Space sciences. 2. Space technologies history and evolution in a political context. The Cold War space race. Three phases of space technology development. Examples of the use of satellite technologies in everyday life 3. Space exploration and space conquest. Concepts of the division of influence in space and the concept of space power. 4. International cooperation in space research. Poland as a link in international space cooperation. <p>Section III. Biotechnology and robotics what we are afraid of</p> <ol style="list-style-type: none"> 1. Eugenics, physiognomy as a parascience. Biomedical agents and their use in conflicts. Transhumanism as their kin. 2. Biotechnology as a tool for the technological advancement of countries. Biotechnologies and national and international security. 3. Summary. Comparative analysis of the impact of the discussed technologies on the stability and destabilization of the functioning of societies, states and the international order. 														
Prerequisites and co-requisites															
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="456 1144 794 1167">Subject passing criteria</th> <th data-bbox="799 1144 1137 1167">Passing threshold</th> <th data-bbox="1142 1144 1481 1167">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="456 1173 794 1196">Statement during classes</td> <td data-bbox="799 1173 1137 1196">51.0%</td> <td data-bbox="1142 1173 1481 1196">20.0%</td> </tr> <tr> <td data-bbox="456 1202 794 1225">Attendance</td> <td data-bbox="799 1202 1137 1225">51.0%</td> <td data-bbox="1142 1202 1481 1225">50.0%</td> </tr> <tr> <td data-bbox="456 1232 794 1254">Group work</td> <td data-bbox="799 1232 1137 1254">51.0%</td> <td data-bbox="1142 1232 1481 1254">30.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Statement during classes	51.0%	20.0%	Attendance	51.0%	50.0%	Group work	51.0%	30.0%
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Recommended reading	<p>Basic literature</p> <p>Bógdał-Brzezińska Agnieszka i Marcin Florian Gawrycki. Cyberterrorizm i problemy bezpieczeństwa we współczesnym świecie, ASPRA-JR 2003.</p> <p>Śledziowska Katarzyna, Włoch Renata. Gospodarka cyfrowa. Jak technologie zmieniają świat. WAW 2020.</p> <p>Gawkowski Krzysztof; Cyberkolonializm. Poznaj świat cyfrowych przyjaciół i wrogów. Helion 2018.</p> <p>Analiza sektora kosmicznego wybranych państw, Departament Strategii i Współpracy Międzynarodowej Polska Agencja Kosmiczna, 2021</p> <p>Lakomy Miron; Cyberprzestrzeń jako nowy wymiar rywalizacji i współpracy państw, UŚ 2015</p> <p>Szałata Marlena, Słomski Ryszard, Twardowski Tomasz (red.) Biotechnologia 2020 O co najczęściej pytamy?, Wydawnictwo UAM, Poznań 2021</p>														

	Supplementary literature	<p>Mirosław Banasik, ZNACZENIE NOWOCZESNYCH TECHNOLOGII DLA BEZPIECZEŃSTWA, Rocznik Bezpieczeństwa Międzynarodowego, 2018 12 2 s.125-139</p> <p>Małgorzata Maternowska, NOWE TECHNOLOGIE I ICH WPŁYW NA ŁAŃCUCHY DOSTAW. SZTUCZNA INTELIGENCJA, Studia Ekonomiczne. Zeszyty Naukowe Uniwersytetu Ekonomicznego w Katowicach, Nr 388 2019, s. 59-73</p> <p>Przestalski Andrzej, Suchocki Bolesław, Twardowski Tomasz, Biotechnologia w opinii mieszkańców krajów Unii Europejskiej, BIOTECHNOLOGIA, 1998, 1(40), s. 29-42</p> <p>Grabowiec Piotr, Biotechnologia jako narzędzie biowładzy, w: Czajowski Andrzej, Drałus Dorota, Sobkowiak Leszek, Wichłacz Monika (red.) Zjawiska polityczne w perspektywie teoretycznej. Księga jubileuszowa dedykowana Profesorowi Andrzejowi W. Jabłońskiemu, Instytut Politologii UWr, Wrocław 2017.</p> <p>Woźniak Arkadiusz, Polityka kosmiczna Polski in statu nascendi, Świat Idei i Polityki, 2017, 16, s. 405-417</p> <p>Frankowski Paweł, STRATEGIA KOSMICZNA DLA EUROPY, Unia Europejska.pl Nr 6 (241) 2016, s. 21-26</p>
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	<p>What are modern technologies and what are their types?How do digital technologies impact society?What are the threats to the state from the dynamic development of digital technologies?What benefits can further space exploration bring to humanity?Does the development of biotechnology constitute an opportunity or a threat to the future of the world?</p>	
Work placement	Not applicable	

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