University of Gdańsk

Subject card

Subject name and code	The use of artificial intelligence in the socio-political space, PG_00147395		
Field of study	Diplomacy		
Date of commencement of studies	October 2027	Academic year of realisation of subject	2027/2028
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study Optional subject group Subject group related to scientific research in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	Polish
Semester of study	2	ECTS credits	2.0
Learning profile	academic	Assessment form	credit
Conducting unit	Rada Uczelni		
Name and surname of lecturer (lecturers)	Subject supervisor		
	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	0.0	30.0	60

Subject objectives

Course Objectives

- To introduce students to the basic concepts, technologies, and mechanisms of artificial intelligence systems.
- To analyze the impact of artificial intelligence on social and political processes in the contemporary world.
- To discuss the risks and opportunities arising from the application of AI in the public sphere, including ethics and legal regulations.
- To foster critical thinking about phenomena related to automation, big data, disinformation, and digital politics.
- To develop the ability to assess practical applications of AI in politics, public administration, media, and security.

Learning outcomes

Course outcome	Subject outcome	Method of verification

Subject contents	**Introduction to Artificial Intelligence** concepts, origins, contemporary directions of development. **AI and the Information Society** big data, automation, and the platformization of social life. **Artificial Intelligence in Political Communication** micro-targeting, election campaigns, social media. **Disinformation and Deepfakes** AI as a tool of information warfare. **AI in Public Administration** data management, state digitalization, smart governance. **Applications of AI in National and International Security** military, intelligence, cybersecurity. **Ethics and Law of Artificial Intelligence** EU regulations (AI Act), human rights, algorithmic accountability. **AI, the Labor Market, and the Future of Democracy** automation, inequalities, new forms of power. **Case Studies** China, the USA, and the EU: different models of AI use in politics. **Future Perspectives** AI and potential changes to the global order.
Prerequisites and co-requisites	**Prerequisites:** There are no formal prerequisites or requirements to complete other courses.

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Presentation or analysis of a selected problem	51.0%	40.0%
Class participation (discussion, case study analysis)	51.0%	60.0%

Recommended reading	Basic literature	1. Tegmark M., *Life 3.0: Being Human in the Age of Artificial Intelligence*, New York 2017. 2. Kissinger H., Schmidt E., Huttenlocher D., *The Age of AI: And Our Human Future*, New York 2021. 3. Floridi L., *The Ethics of Artificial Intelligence*, Oxford 2022. 4. Bostrom N., *Superintelligence: Paths, Dangers, Strategies*, Oxford 2016. 5. Russell S., *Human Compatible: Artificial Intelligence and the Problem of Control*, New York 2019. 6. Zuboff S., *The Age of Surveillance Capitalism*, New York 2019. 7. ONeil C., *Weapons of Math Destruction: How Big Data Increases Inequality and Threatens Democracy*, New York 2016. 8. Pasquale F., *The Black Box Society: The Secret Algorithms That Control Money and Information*, Harvard 2015. 9. Hołyst J. A. (red.), *Sztuczna inteligencja i społeczeństwo*, Warszawa 2020. [PL] 10. Flis J., *Algorytmy władzy. Jak sztuczna inteligencja zmienia politykę* , Kraków 2021. [PL]
	Supplementary literature	1. Crawford K., *Atlas of AI: Power, Politics, and the Planetary Costs of Artificial Intelligence*, Yale 2021. 2. Brynjolfsson E., McAfee A., *The Second Machine Age: Work, Progress, and Prosperity in a Time of Brilliant Technologies*, New York 2014. 3. Harari Y. N., *21 Lessons for the 21st Century*, London 2018. 4. Danaher J., *Automation and Utopia: Human Flourishing in a World without Work*, Harvard 2019. 5. Tufekci Z., *Twitter and Tear Gas: The Power and Fragility of Networked Protest*, Yale 2017. 6. Mazurek P., *Sztuczna inteligencja a prawo i społeczeństwo*, Warszawa 2021. [PL] 7. Radwański M., *Cyberbezpieczeństwo i sztuczna inteligencja w polityce międzynarodowej*, Gdańsk 2022. [PL] 8. Kosiński W., *Etyczne wyzwania sztucznej inteligencji*, Poznań 2020. [PL] 9. Selected articles from *AI & Society*. 10. Selected articles from *Journal of Information Technology & Politics*.
	eResources addresses	

Example issues/ example questions/ tasks being completed	1. What are the main directions of artificial intelligence development and their significance for contemporary society? 2. How do big data and automation shape the information society? 3. Discuss the role of artificial intelligence in political communication (micro-targeting, election campaigns, social media). 4. Provide examples of AI-based disinformation and explain their impact on public life. 5. What are the potential applications of AI in public administration and the risks they entail? 6. How is artificial intelligence reshaping approaches to national and international security? 7. What ethical challenges does AI pose in the context of human rights and algorithmic accountability? 8. Discuss the impact of artificial intelligence on the labor market and its possible consequences for democracy. 9. Compare the models of AI use in politics in China, the United States, and the European Union. 10. What potential changes in the global political order may result from the further development of AI?
Work placement	Not applicable

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