Title:	**Artificial Intelligence: Ethical, Political, and Social Challenges**
Lecture hours:	20
Study period: (summer/winter)	summer
Number of credits:	2
Assessment methods:	Participation in classes Written assignment
Language of instruction:	English
Prerequisites:	-
Course content:	1. Introduction: artificial intelligence as a challenge 2. AI within Science, Technology and Society Studies 3. Big Data: opportunities and perils 4. Artificial intelligence technologies 5. Challenges to ethics: freedom and privacy in the age of AI 6. Challenges to politics: the case of Cambridge Analytica 7. Challenges to society: AI in public institutions 8. Challenges to economy: automation and the future of jobs 9. Challenges to education: towards new digital literacy 10. AI as a tool and weapon
Learning outcomes:	• Student knows and understands the basic concepts and tools in the field of artificial intelligence. • Student knows the most important approaches to studying the relationship between technology and society. • Student is able to critically apply theoretical knowledge to describe and asses various social, ethical and political challenges posed by artificial intelligence. • Student is able to make use of data and information to make sense of trends related to development of artificial intelligence technologies. • Student is able to recognise and take advantage of the opportunities related to the development of artificial intelligence in planning their future professional career.
Name of lecturer:	dr Filip Biały
Contact (email address):	filip.bialy@ukw.edu.pl
Literature:	• Boden M.A. (2018), Artificial Intelligence: A Very Short Introduction, Oxford. • Clegg B. (2017), Big Data. How the Information Revolution is Transforming Our Lives, London. • Girasa R. (2020), Artificial Intelligence as a Disruptive Technology: Economic Transformation and Government Regulation, Palgrave Macmillan. • Kaplan J. (2016), Artificial Intelligence: What Everyone Needs to Know, Oxford. • Mitchell M. (2019), Artificial Intelligence: A Guide for Thinking Humans, New York. • Russell S. (2019), Human Compatible: Artificial Intelligence and the Problem of Control, New York. • Smith B. (2019), Tools and Weapons: The Promise and the Peril of the Digital Age, Penguin Press. • Wischmeyer T., Rademacher T., eds. (2020), Regulating Artificial Intelligence, Springer.