



## INSTITUTIONEN FÖR GLOBALA STUDIER

### **GS2236 Teknologi, politik, samhälle, 15 högskolepoäng**

Technology, Politics, Society, 15 credits

*Avancerad nivå / Second Cycle*

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#### **Litteraturlista för GS2236, gällande från och med vårterminen 2023**

Litteraturlistan är fastställd av Institutionen för globala studier 2023-01-20 att gälla från och med 2023-03-23.

Se bilaga.



## SCHOOL OF GLOBAL STUDIES

### **GS2236 Technology, Politics, Society, 15 credits** GS2236 Teknologi, politik, samhälle, 15 högskolepoäng

*Second Cycle/Avancera nivå*

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The reading list is confirmed on 2023-01-20 to be valid from 2023-03-23.

#### **Books**

- Amaro, Ramon. 2023. *Black Technical Object: On Machine Learning and the Aspiration of Black Being*. The MIT Press. (Ordered at GU Library)
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- Cozza, Michela (2020). *Key concepts in Science and Technology Studies*. Lund: Studentlitteratur.
- Feenberg, Andrew (1999). *Questioning Technology*. London: Routledge.
- Frankish, Keith and William Ramsey (Eds). (2014). *Cambridge Handbook of Artificial Intelligence*. Cambridge: Cambridge University Press.
- Graham, Stephen, and Simon Marvin. 2001. *Splintering Urbanism: Networked Infrastructures, Technological Mobilities, and the Urban Condition*. New York: Routledge. (Chapters 3 & 5). (Available as e-book in GU Library)
- Haraway, Donna J. (1991). *Simians, Cyborgs, and Women: The Reinvention of Nature*, New York: Routledge.
- Henke, Christopher, and Benjamin Sims. 2020. *Repairing Infrastructures: The Maintenance of Materiality of Power*. The MIT Press. (Chapters 3 and 4). Available as e-book in GU Library.

Liboiron, Max. 2021. *Pollution is Colonialism*. Duke University Press. (Chapter 3). Available as e-book in GU Library.

Malm, Andreas (2018). *The progress of this storm*. London: Verso.

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Nucho, Joanne Randa (2016). *Everyday sectarianism in urban Lebanon. Infrastructures, public services, and power*, Princeton and Oxford: Princeton University Press.

van der Sloot, B. et al (ed.) (2016) *Exploring the Boundaries of Big Data*. Amsterdam: Amsterdam University Press

### Articles and book chapters

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Angwin Julia, Larson Jeff, Mattu Surya, et al. (2016) *Machine Bias: There's software used across the country to predict future criminals. And it's biased against blacks*. Available at: <https://www.propublica.org/article/machine-bias-risk-assessments-in-criminal-sentencing>

Barocas, Solon, Moritz Hardt, and Arvind Narayanan. 2017. Introduction. In "Fairness in machine learning." *Nips tutorial* 1 (2017): 2 (available at <https://fairmlbook.org/>)

Bell, Shannon Elizabeth, Cara Daggett, et al. (2020). "Toward feminist energy systems: Why adding women and solar panels is not enough☆." *Energy Research & Social Science* 68: 101557 <https://doi.org/10.1016/j.erss.2020.101557>

Bloomfield, Brian P., and Karen Dale. (2020). Limitless? Imaginaries of Cognitive Enhancement and the Labouring Body." *History of the Human Sciences* 33 (5), 37–63. <https://doi.org/10.1177/0952695119888995>.

Briggs, Charles L. "Theorizing Modernity Conspiratorially: Science, Scale, and the Political Economy of Public Discourse in Explanations of a Cholera Epidemic." *American Ethnologist* 31, no. 2 (2004): 164–87. <https://doi.org/10.1525/ae.2004.31.2.164>.

- Bueger, Christian & Jan Stockbruegger. 2017. Actor-Network Theory: Objects and Actants, Networks and Narratives. In: Daniel McCarthy (Ed). *Technology and World Politics. An introduction*. London: Routledge. (UB fulltext)
- Büyüm AM, Kenney C, Koris A, et al. (2020). Decolonising global health: if not now, when? *BMJ Global Health* ;5:e003394. doi:10.1136/bmjgh-2020-003394
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- Cozza, Michela, Crevani, Lucia, Hallin, Anette, & Schaeffer, Jennie. (2019). Future ageing: Welfare technology practices for our future older selves. *Futures*, 109, 117-129.
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- Himelein-Wachowiak, McKenzie, Salvatore Giorgi, Amanda Devoto, Muhammad Rahman, Lyle Ungar, H. Andrew Schwartz, David H. Epstein, Lorenzo Leggio, and Brenda Curtis. "Bots and Misinformation Spread on Social Media: Implications for COVID-19." *Journal of Medical Internet Research* 23, no. 5 (May 20, 2021): e26933. <https://doi.org/10.2196/26933>.
- Hojčková, Kristina, Björn Sandén, and Helene Ahlberg (2018) Three electricity futures: Monitoring the emergence of alternative system architectures." *Futures* 98: 72-89  
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- Paul Dylan-Ennis, Donncha Kavanagh & Luis Araujo (2022): The dynamic imaginaries of the Ethereum project, *Economy and Society*, DOI: <https://doi.org/10.1080/03085147.2022.2131280>
- Pinch, Trevor J., and Wiebe E. Bijker (1984). The Social Construction of Facts and Artefacts: Or How the Sociology of Science and the Sociology of Technology Might Benefit Each Other. *Social Studies of Science* 14 (3): 399–441.
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"Ethics washing made in Europe", (*Der Tagespiegel*, 8 April 2019): <https://www.tagesspiegel.de/politik/eu-guidelines-ethics-washing-made-in-europe/24195496.html>

Machine Bias in (*Pro Publica*, 23 May 2016): <https://www.propublica.org/article/machine-bias-risk-assessments-in-criminal-sentencing>

Nouriel Roubini (2018) 'Blockchain isn't about democracy and decentralisation – it's about greed' *Guardian* 15 Oktober 2018 <https://www.theguardian.com/technology/2018/oct/15/blockchain-democracy-decentralisation-bitcoin-price-cryptocurrencies>

Oliver Milman 2022. Can geo-engineering fix the climate? Hundreds of scientists say not so fast. *The Guardian* 25 December 2022. <https://www.theguardian.com/environment/2022/dec/25/can-controversial-geoengineering-fix-climate-crisis>

Podcast: Virginia Eubanks in Philosophical Disquisitions (<https://philosophicaldisquisitions.blogspot.com/2018/10/episode-47-eubanks-on-automating.html>)

Sanjana Kulkarni 2022. Reversing climate change with geoengineering. Harvard Science in the News Blog <https://sitn.hms.harvard.edu/flash/2022/reversing-climate-change-with-geoengineering/>

We Teach A.I. Systems Everything, Including Our Biases (*New York Times*, 11 November 2019): <https://www.nytimes.com/2019/11/11/technology/artificial-intelligence-bias.html?action=click&module=RelatedLinks&pgtype=Article>

WHO 2019. WHO's visual summary: Leading causes of death and disability. A visual summary of global and regional trends 2010-2019

<https://www.who.int/data/stories/leading-causes-of-death-and-disability-2000-2019-a-visual-summary>