

Introduction

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GLCb2028 Artificial Intelligence in
Political Science and Security Studies

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Learning goals and outcomes

- AI basics, ethics and moral principles.
- AI societal impacts and the debate.
- Regulatory approaches.
- Academic ethics concerning AI 's use.
- Academic AI toolbox.
- NLP (Mgr. Burda).
- Security and PolSci applications.
- Analytical sims and wargames.
- Intelligence Studies methods basics.



The three parts

- **PART I:** AI basics and regulation. Political philosophy of AI – governance *of* and *by* AI. AI applications in PolSci and Security Studies.
- **PART II:** AI in science. Social science methodology and Intelligence Studies methods. Analytical wargames and simulations.
- **PART III:** Capstone project labs.





Tools of the trade

- Gamification (improves motivation, engagement, learning performance).
- LLMs – ChatGPT, Bard, Claude.
- Other apps like SciSpace, Consensus etc.
- Cautious optimism due to Beta versions.
- Have laptops with you during classes.
- Discussions – we are all students due to the AI's rapid development 😊
- What AI or AI-powered tools do you use and for what?

Grade's components

- Physical attendance of 4 seminars
 - 5.11. – Author teams, capstone project lab
 - 3.12. – capstone project lab, colloquim!
 - 10.12. – presentations of work-in-progress
 - 17.12. - final presentations and deadline for research reports
- Credit (20 points, 12 minimum) – colloquim.
- The capstone project – research report + presentation (50 + 30 points)
 - Author Teams (will be determined by the teacher and students on 28th November)
 - Sim/wargame/policy assessment/strategy creation etc.
 - No formal requirements (except being a research report – see checklist in syllabus) → maximum flexibility, but also responsibility!





How to fail?

- Skip mandatory seminars without an official note.
- **Plagiarism and unethical use of a generative AI.**
- Sloppy research report or presentation.
- No contribution within author teams.
- No knowledge from the literature.

How to shine?

- Active participation, discussions and friendly debates.
- Bring knowledge from other courses and streamline it with AI (theoretical concepts, literature, ethical principles, philosophical phenomena etc.).
- Actively work within classes (esp. on the capstone project), consult your work regularly, and be passionate (and cautious at the same time) about AI's possibilities.
- Be innovative (within basic academic ethical guidelines).
- → A++





Questions?

Your own expectations from this course?

What is your background and methodological level?