



## Course and Examination Fact Sheet: Spring Semester 2025

### 8,727: Technologien/Technologies: AI Governance & Ethics in Asia and Around the World

ECTS credits: 6

#### Overview examination/s

(binding regulations see below)

decentral - Written examination, Digital, Individual work individual grade (50%, 90 mins.)

Examination time: Term time

decentral - Written work, Digital, Individual work individual grade (25%)

Examination time: Term time

decentral - Presentation, Analog, Group work group grade (25%)

Examination time: Term time

#### Attached courses

Timetable -- Language -- Lecturer

[8,727,1.00 Technologien/Technologies: AI Governance & Ethics in Asia and Around the World](#) -- English -- [Meckel Miriam](#) , [Steinacker Lea](#)

#### Course information

#### Course prerequisites

**Important note:** This is an Asia Compact course that is not part of the regular bidding process. Instead, students interested in participating in this course **need to apply (SBV)** with

- a letter of motivation (one page)
- their CV and
- a copy of both pages of their passport (for preparation of government visit).

Please send these documents (in pdf format) to our colleague: [viktor.suter@unisg.ch](mailto:viktor.suter@unisg.ch). The Deadline for application is the **31st of January 2025**.

#### Learning objectives

- **Understanding AI Governance Principles and Challenges:** The goal of this course is to equip participants with a foundational understanding of AI governance principles and ethical, legal, and social issues surrounding AI development and deployment. The students will learn about and (critically) reflect upon in-depth exploration of topics such as data privacy, algorithmic fairness, AI safety, and the societal impacts of AI.
- **Examination of Regulatory Aspects of (Generative) AI:** Participants will learn to investigate regulatory aspects that have been developed around generative AI to understand the current state of AI regulations, how they are evolving, and what future regulatory frameworks might look like.
- **Study and comparison of Global AI Governance Approaches and Case Studies:** Students will learn from the experiences of leading countries (here: Singapore for the Asian region) and organizations around the world in terms of AI governance. They will explore different approaches, do case studies, and gain a holistic view of the global AI governance landscape with its best practices and pitfalls.
- **Interactive Participation in hands-on Workshops, Interviews, and Group Discussions:** Participants will engage in hands-on field activities to facilitate their learning and understanding of AI governance and interact with the economic, social and cultural context influencing AI governance and ethics. The goal is to not only understand the theoretical aspects but also to translate this knowledge into practical strategies for analyzing, challenging and implementing AI governance frameworks.
- **Designing AI Governance Guidelines:** By the end of the course, participants should be able to design AI governance guidelines within an organization. This will involve understanding how to foster responsible AI development and



deployment, equipping participants to become knowledgeable advocates and contributors to AI governance initiatives within their professional, policy-making, or academic settings.

## Course content

The "Asia Compact: AI Governance & Ethics in Asia and Around the World" master course, held in the vibrant city of Singapore, is a comprehensive program designed to equip participants with the knowledge and skills required to navigate the complex landscape of AI governance, ethics, policymaking, and regulation. The course brings together students, professionals, and experts available in Singapore to foster a deep understanding of AI governance practices and challenges in different regions, with a strong focus on the rapidly evolving AI ecosystems in Asia.

The first part of the course focuses on understanding the fundamental principles of AI governance and the various ethical, legal, and social issues surrounding its development and deployment. Participants will delve into topics such as data privacy, algorithmic fairness, AI safety, and the impacts of AI on employment and society. The course will also address the role of international collaborations, the role of corporations as quasi-political actors, and the global competition around AI technologies as well as the parallel need for a coordinated global response to establish common AI governance standards and best practices. As this is a rapidly evolving field, we will closely look into the regulatory aspects that are developed around generative AI.

The latter part of the program explores AI governance approaches, case studies, and lessons learned from leading countries and organizations around the world. Participants will have the opportunity to engage in hands-on workshops, simulations, and group discussions, facilitating the development of practical strategies for implementing robust AI governance frameworks in their own contexts. By the end of the course, participants will be equipped with a thorough understanding of the global AI governance landscape with an emphasis on Asia and the ability to design and implement tailored AI governance strategies, policies, and regulations to ensure responsible AI development and deployment.

## Course structure and indications of the learning and teaching design

- March 6, 5 - 7 pm: short kick-off and organizational issues concerning the trip to Singapore (online session via Zoom)
- March 10 - April 4: self study phase for preparatory readings of AI regulatory frameworks and studies with virtual check-in March, 26, 2 - 4 pm.
- April 7 - 11: seminar in Singapore (final quiz on the 11th of April).

Contextual Studies are considered part of **Contact Learning**; thus, taking part properly implies **regular attendance**. It is the students' own responsibility to ensure that there is **no timetable clash** between the courses they have chosen. A detailed course outline and all relevant documents will be made available on **StudyNet**. Only the current timetable as published on **Courses** does apply.

## Course literature

Course literature will be made available on StudyNet. As an introduction:

"Capabilities and Risks from Frontier AI: A Discussion Paper on the Need for Further Research into AI Risk." October 2023.

Accessible at: <https://www.gov.uk/cma-cases/ai-foundation-models-initial-review>

"Governing AI for Humanity: Final Report." High-level Advisory Body on Artificial Intelligence, September 2024. Accessible

via the United Nations: [https://www.un.org/sites/un2.un.org/files/governing\\_ai\\_for\\_humanity\\_final\\_report\\_en.pdf](https://www.un.org/sites/un2.un.org/files/governing_ai_for_humanity_final_report_en.pdf)

Hufty, Marc. "Investigating Policy Processes: The Governance Analytical Framework (GAF)." Research for Sustainable Development: Foundations, Experiences, and Perspectives, 2011. Available at SSRN: <https://ssrn.com/abstract=2019005>

Hepburn, Glen. "Alternatives to Traditional Regulation." OECD Report, 2023. Published by the OECD Regulatory Policy Division. Accessible via the OECD library: <http://www.oecd.org/regreform/regulatory-policy/42245468.pdf>

Savov, Vlad. "Singapore Eyes Sweeping Powers to Police Online Content, Apps." Bloomberg, May 8, 2023. Available at: [Bloomberg News](https://www.bloomberg.com/news/articles/2023-05-08-singapore-eyes-sweeping-powers-to-police-online-content-apps)

Gillespie, N., Lockey, S., Curtis, C., Pool, J., & Akbari, A. "Trust in Artificial Intelligence: A Global Study." University of Queensland and KPMG Australia, 2023. <https://doi.org/10.14264/00d3c94>

Regulation (EU) 2024/1689 of the European Parliament and of the Council of 13 June 2024 laying down harmonised rules on artificial intelligence and amending various Regulations and Directives (Artificial Intelligence Act). <https://eur-lex.europa.eu/eli/reg/2024/1689/oj>

Personal Data Protection Commission (PDPC). *Model Artificial Intelligence Governance Framework (Second Edition)*. Singapore, January 2020. Available at: <https://www.pdpc.gov.sg/-/media/files/pdpc/pdf-files/resource-for-organisation/ai/smodelaigovframework2.pdf>



## Additional course information

Miriam Meckel is Professor for Communication Management at the University of St. Gallen as well as Co-founder and Executive Chairwoman of "ada Learning", her research focuses on communication and technologies, social and economic impact of new technologies, like AI, and journalism. Miriam worked in journalism and politics, she was editor in chief of the German business magazine "WirtschaftWoche" and regularly publishes in Handelsblatt, Neue Zürcher Zeitung and other media outlets.

Léa Steinacker teaches at the University of St. Gallen, the Hertie School of Government, Berlin, and the Norwegian Business School, Oslo. She is a social scientist by training, studied in Princeton and Harvard, and her research focuses on the social and ethical impact of technologies, particularly AI, and regulation. She is also a Co-founder and Executive Chairwoman of "ada Learning". Léa has vast experience in field work in Africa. Together with Miriam, she recently published a book on AI ("Alles überall auf einmal - wie Künstliche Intelligenz unsere Welt verändert und was wir dabei gewinnen können").

## Examination information

### Examination sub part/s

#### 1. Examination sub part (1/3)

##### Examination modalities

Examination type	Written examination
Responsible for organisation	decentral
Examination form	Written exam
Examination mode	Digital
Time of examination	Term time
Examination execution	Synchronous
Examination location	On Campus
Grading type	Individual work individual grade
Weighting	50%
Duration	90 mins.

##### Examination languages

Question language: English

Answer language: English

##### Remark

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##### Examination-aid rule

Closed Book

The use of aids is prohibited as a matter of principle, with the exception of pocket calculator models of the Texas Instruments TI-30 series and, in case of non-language exams, bilingual dictionaries without any handwritten notes. Any other aids that are admissible must be explicitly listed by faculty members in the paragraph entitled "Supplementary aids" of the course and examination fact sheet; this list is exhaustive.

Procuring any aids, as well as ensuring their working order, is the exclusive responsibility of students.

##### Supplementary aids

None

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#### 2. Examination sub part (2/3)



## Examination modalities

Examination type	Written work
Responsible for organisation	decentral
Examination form	Written work
Examination mode	Digital
Time of examination	Term time
Examination execution	Asynchronous
Examination location	Off Campus
Grading type	Individual work individual grade
Weighting	25%
Duration	--

## Examination languages

Question language: English  
Answer language: English

## Remark

Two pager individual reflection of field work

## Examination-aid rule

Free aids provision

Basically, students are free to choose aids. Any restrictions are defined by the faculty members in charge of the examination under supplementary aids.

## Supplementary aids

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### 3. Examination sub part (3/3)

## Examination modalities

Examination type	Presentation
Responsible for organisation	decentral
Examination form	Oral examination
Examination mode	Analog
Time of examination	Term time
Examination execution	Asynchronous
Examination location	On Campus
Grading type	Group work group grade
Weighting	25%
Duration	--

## Examination languages

Question language: English  
Answer language: English

## Remark

P1: policy papers regarding AI regulations

## Examination-aid rule

Free aids provision

Basically, students are free to choose aids. Any restrictions are defined by the faculty members in charge of the examination under supplementary aids.

## Supplementary aids

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## Examination content

1. Group presentation (25 %): Group analyses and presents an AI regulatory framework
2. Individual reflection paper (2 pages, 25 %): Students reflect on their field work and the cultural context of Singapore
3. Written Exam (50 %, 90 min.)

## Examination relevant literature

Will be explained in the course.

### Please note

Please note that only this fact sheet and the examination schedule published at the time of bidding are binding and takes precedence over other information, such as information on StudyNet (Canvas), on lecturers' websites and information in lectures etc.

Any references and links to third-party content within the fact sheet are only of a supplementary, informative nature and lie outside the area of responsibility of the University of St.Gallen.

Documents and materials are only relevant for central examinations if they are available by the end of the lecture period (CW21) at the latest. In the case of centrally organised mid-term examinations, the documents and materials up to CW 13 (Monday, 25 March 2025) are relevant for testing.

Binding nature of the fact sheets:

- Course information as well as examination date (organised centrally/decentrally) and form of examination: from bidding start in CW 04 (Thursday, 23 January 2025);
- Examination information (supplementary aids, examination contents, examination literature) for decentralised examinations: in CW 12 (Monday, 17 March 2025);
- Examination information (supplementary aids, examination contents, examination literature) for centrally organised mid-term examinations: in CW 14 (Monday, 31 March 2025);
- Examination information (regulations on aids, examination contents, examination literature) for centrally organised examinations: two weeks before ending with de-registration period in CW 15 (Monday, 07 April 2025).