



## Course and Examination Fact Sheet: Autumn Semester 2023

### 7,727: Technologien/Technologies: AI Governance & Ethics in Asia and Around the World

ECTS credits: 6

#### Overview examination/s

(binding regulations see below)

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

Examination time: Term time

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

Examination time: Term time

decentral - Written work, Digital, Individual work individual grade (50%)

Examination time: Term time

#### Attached courses

Timetable -- Language -- Lecturer

[7,727,1.00 Technologien/Technologies: AI Governance & Ethics in Asia and Around the World](#) -- English -- [Beschoner Thomas](#), [Meckel Miriam](#)

#### Course information

#### Course prerequisites

**Important note:** This course 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) and
- their CV.

Please send these documents (in pdf format) to our research assistant: [jonas.schafler@student.unisg.ch](mailto:jonas.schafler@student.unisg.ch). The Deadline for application is the **28<sup>th</sup> of August 2023**.

#### 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 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.
- **Design and Implementation of AI Governance Strategies:** By the end of the course, participants should be able to design



and implement tailored AI governance strategies, policies, and regulations. This will involve understanding how to ensure responsible AI development and deployment, particularly in their own contexts, whether that is in a professional, policy-making, or academic setting.

## Course content

The "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 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

- September 12, 6 - 8pm: short kick-off and organizational issues concerning the trip to Singapore (online session via Zoom)
- October, 5, 2.15pm - 6pm: seminar in St.Gallen
- October 29 - November 2: seminar in Singapore

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.

## Additional course information

Miriam Meckel is Professor for Corporate Communication at the University of St. Gallen as well as Co-founder and CEO of "ada Learning", her research focuses on communication and technologies, social and economic impact of new technologies, like AI, and journalism.

Thomas Beschorner is Professor of Business Ethics and Director of the Institute for Business Ethics at the University of St. Gallen. He is the author of numerous publications and offers a wide range of courses at the HSG. He also writes regularly on economic, social and ethical challenges for media such as Spiegel Online, DIE ZEIT or the Neue Zürcher Zeitung.

## Examination information

### Examination sub part/s

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



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

### 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

P2: Results interviews

### 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	Written work
Responsible for organisation	decentral
Examination form	Written work
Examination mode	Digital
Time of examination	Term time
Examination execution	Asynchronous
Examination location	On Campus
Grading type	Individual work individual grade
Weighting	50%
Duration	--

### Examination languages

Question language: English

Answer language: English

### Remark

Learning Diary

### 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

Will be explained in the course.

## 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 (CW51) at the latest. In the case of centrally organised mid-term examinations, the documents and materials up to CW 42 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 34 (Thursday, 24 August 2023);
- Examination information (supplementary aids, examination contents, examination literature) for decentralised examinations: in CW 42 (Monday, 16 October 2023);
- Examination information (supplementary aids, examination contents, examination literature) for centrally organised mid-term examinations: in CW 45 (Monday, 06 November 2023);
- Examination information (regulations on aids, examination contents, examination literature) for centrally organised examinations: two weeks before the end of the de-registration period in CW 45 (Monday, 06 November 2023).