



Course and Examination Fact Sheet: Spring Semester 2024

8,382: Cybersecurity Policy

ECTS credits: 4

Overview examination/s

(binding regulations see below)

decentral - Written work, Digital, Individual work individual grade (20%)

Examination time: Term time

decentral - Written work, Digital, Individual work individual grade (35%)

Examination time: Term time

decentral - Written work, Digital, Individual work individual grade (20%)

Examination time: Term time

decentral - Active participation, Analog, Individual work individual grade (25%)

Examination time: Term time

Attached courses

Timetable -- Language -- Lecturer

[8,382,1.00 Cybersecurity Policy](#) -- English -- [Wolff Josephine](#)

Course information

Course prerequisites

There are no formal pre-requisites for this course.

Learning objectives

By the end of this course, you will be able to:

- Identify potential cyber threats to organizations and states
- Address supply chain and procurement cyber risks
- Develop qualitative and quantitative metrics for assessing cybersecurity policies
- Assess policies for responding to law enforcement requests for data
- Use international security standards and frameworks
- Understanding the international landscape of cybersecurity policies

Course content

Why is it still so hard to protect computer systems and data? Is it because we don't have good enough technology? Or because we lack sufficient economic incentives to implement that technology? Or because we implement technologies but then fail to use them correctly? Or because the laws governing computer security are so outdated? Or because our legal frameworks are ill-equipped to deal with an international threat landscape? All these reasons—and others— have been offered to explain why we seem to see more and more large-scale cybersecurity incidents and show no signs of getting better at preventing them. This course will examine non technical dimensions of this problem—the laws and other policy measures that govern computer security threats and incidents. In this course, we'll explore cyber clashes in the civilian sector, from jurisdictional issues and the challenges posed by new technologies to criminal activities and impacts on civil infrastructures.

Course structure and indications of the learning and teaching design

The course will take place as a blocked course over 5 days. Following sessions are included:

- Internet Architecture & Governance



- Internet Infrastructure & Shutdowns
- Censorship & Internet fragmentation
- Social Media Content Moderation
- Platforms & Intermediary Liability
- Online Disinformation
- Cyber-crime & cryptocurrency
- Consumer protection & data breaches
- Cyber-espionage
- International cyber conflict

Each session will consist in input from the instructor and discussions of the readings.

Course literature

All compulsory literature will be made available via Canvas at the start of the course.

Additional course information

Josephine Wolff is an associate professor of cybersecurity policy and has been at The Fletcher School at Tufts University since 2019. Her research interests include liability for cybersecurity incidents, international Internet governance, cyber-insurance, cybersecurity workforce development, and the economics of information security. Her first book "You'll See This Message When It Is Too Late: The Legal and Economic Aftermath of Cybersecurity Breaches" was published by MIT Press in 2018. Her second book "Cyberinsurance Policy: Rethinking Risk in an Age of Ransomware, Computer Fraud, Data Breaches, and Cyberattacks" will be published by MIT Press in 2022. Her writing on cybersecurity has also appeared in Slate, The New York Times, The Washington Post, The Atlantic, and Wired. Prior to joining Fletcher, she was an assistant professor of public policy at the Rochester Institute of Technology and a fellow at the New America Cybersecurity Initiative and Harvard's Berkman Klein Center for Internet & Society.

Examination information

Examination sub part/s

1. Examination sub part (1/4)

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	20%
Duration	--

Examination languages

Question language: English
Answer language: English

Remark

Assignment 2

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 (2/4)

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	35%
Duration	--

Examination languages

Question language: English

Answer language: English

Remark

Final Examination

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 (3/4)

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	20%
Duration	--

Examination languages

Question language: English

Answer language: English

Remark



Assignment 1

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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4. Examination sub part (4/4)

Examination modalities

Examination type	Active participation
Responsible for organisation	decentral
Examination form	Oral examination
Examination mode	Analog
Time of examination	Term time
Examination execution	Synchronous
Examination location	On Campus
Grading type	Individual work individual grade
Weighting	25%
Duration	--

Examination languages

Question language: English

Answer language: English

Remark

in class

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

Active Participation (25%):

Students are expected to prepare the readings and actively participate in class discussions.

Assignment #1 (20%):

Write a short essay (1000 words) on one of the two prompts provided.

Assignment #2 (20%):

Write a short essay (1000 words) on one of the two prompts provided.

Final Examination (35%):



The final examination will be a take-home essay in which students respond to a fictitious cybersecurity crisis. It should take about 120 minutes to complete and be submitted by April 15, 2024.

Examination relevant literature

All compulsory readings will be made available on Canvas at the beginning of 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 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, 25 January 2024);
- Examination information (supplementary aids, examination contents, examination literature) for decentralised examinations: in CW 12 (Monday, 18 March 2024);
- Examination information (supplementary aids, examination contents, examination literature) for centrally organised mid-term examinations: in CW 13 (Monday, 25 March 2024);
- Examination information (regulations on aids, examination contents, examination literature) for centrally organised examinations: Starting with de-registration period in CW 15 (Monday, 08 April 2024).