



Stockholms
universitet

Welcome to Cyber Security Spring 2022



Ulrika Norman

Today

- Teachers
- Course goals
- iLearn
- Lectures
- Cases
- Assignment
- Exam

Teachers

- Ulrika Norman, ulrikan@dsv.su.se
- Esmiralda Moradian, esmirald@dsv.su.se
- Use iLearn for supervision, only e-mail teachers directly if it concerns a private issue
- E-mails about group issues, always cc whole group

Course Goals

After the course the student should be able to:

- Describe the key objectives, requirements, actors, activities and problems related to cybersecurity.
- Explain the commonly used best practices, processes, standards and methods of analysis and control of cyber security in organizations, nations and between countries.
- Apply, in an independent and efficient manner, key methods for analysis of cyber security
- Know the meaning of key terms and concepts in the field of cybersecurity.

Credits of the course

- 5 credits written home exam, A-F
- Attendance and active participation on the cases 1-4
- 2,5 credits assignment, A-F, including presenting a report and a video presentation

Literature

- Reading instructions will be given in the first lecture and also what material is mandatory and optional
- On-line material published in iLearn at each lecture
- Slides for each of the lectures

Lectures

- Cyber security in different perspectives, organizational, national and international
- 10 lectures
- All recorded and distributed through iLearn
- Chat sessions will be available for questions about the lectures
- Prepares you for the cases

Cases

- The activity is mandatory and any reason for not taking part of working with a case must be sent to ulrikan@dsv.su.se as soon as possible
- Four different subject areas where the group works with a case, peer-review and respond to peer-review
- You do all cases with the same group and you sign up for group in iLearn on Wednesday March 31 at the latest

Subject of the cases

- Cyber Security Policies
- Cyber Security Attack and Threat Modelling
- Cyber Security Assessment
- Cyber Security Incident Response

Seminars – peer review sessions

- A case introduced the day before each seminar
- 2 hour of group work before seminar
- Each group submits the result in correct forum in iLearn before the seminar
- Session for reviewing the work of other groups, the date and time for each seminar in the schedule
- Feedback between groups in iLearn
- See detailed instructions in iLearn when each case is published

Assignment

- National cyber security policy
- Same group as for the cases
- Deadline during start of May, exact date will be presented in iLearn
- Instructions will be published in iLearn a few weeks before deadline
- Presentations by sending in a 10 minute video along with the report

Supervision in iLearn

- General questions about the subject
- Questions during case group work
- Questions when doing the assignment
- When preparing for the written examination

Course council

- 2-3 volunteers who communicate with course staff as representative for the students
- Send an e-mail to ulrikan@dsv.su.se

iLearn

- Sign up for group
- Supervision
- Send in case study results and assignment
- Lecture slides at each lecture
- On-line material
- Student e-mail addresses in iLearn are used by course staff

**Any questions about the structure
of the course?**