



## Course syllabus

Faculty Board of Science and Engineering  
School of Computer Science, Physics and Mathematics

1IL077 Informationssäkerhet och IT-juridik, 7,5 högskolepoäng  
Information Security and IT Law, 7.5 credits

**Main field of study**

Information Systems

**Subject Group**

Informatics/Computer and Systems Sciences

**Level of classification**

First Level

**Progression**

G1F

**Date of Ratification**

Approved by the Board of the School of Computer Science, Physics and Mathematics  
2009-09-08

Revised 2010-08-04. Revision of prerequisites and course evaluation.

The course syllabus is valid from spring semester 2011

**Prerequisites**

At least 30 credits in Informatics/Information Logistics or equivalent.

### Expected learning outcomes

Having passed the course the student should be able to:

- understand security issues and legislation in connection to information technology use in organisations
- recognize and analyse threats to information security and suggest appropriate protective measures
- perform a vulnerability analysis
- apply legislation focusing on intellectual property rights, contract law and internet privacy legislation
- independently evaluate aspects of security, legislation and ethics in connection to information technology use in organisations.

### Content

The course content comprises:

- threats and protective measures
- vulnerability analysis
- planning, strategies and policies of information security

- privileged information and information integrity
- key encryption
- ethical aspects of information security
- internet privacy legislation
- internet and public access legislation
- intellectual property rights
- contract law in connection to electronic commerce.

## Type of Instruction

The teaching consists of lectures, seminars, exercises and individual or group-based practical work. Participation/attendance in seminars and practical work is compulsory.

## Examination

The course is assessed with the grades Fail (U), Pass (G) or Pass with Distinction (VG).

Assessment of the student's performance is made through written examination and presentation of compulsory assignments.

The assessment method is decided at the start of the course.

Students who do not pass the regular examination are given the opportunity to a new examination shortly after the regular examination.

On request, a Swedish University course certificate will be awarded upon successful completion of the course.

## Course Evaluation

A course evaluation will be carried out at the end of the course in accordance with the guidelines of the University. The result of the course evaluation will be filed at the department.

## Required Reading and Additional Study Material

### Required reading

Lindberg, Agne & Westman, Daniel (2001), *Praktisk IT-rätt*. 3. ed. Stockholm: Norstedts Juridik. 527 p. ISBN:978-91-39-00749-4.

Strömqvist, Lars (2008), *Våga lita på din IT-miljö*. 3. ed. Kista: Symantec. 63 p. ISBN:978-91-976811-5-5.

Syrén, Agneta, (2008), *Stora säkerhetshandboken*. Stockholm: SIS Förlag. 399 s. ISBN: 978-91-7162-742-1

Articles, 100 p.

### Recommended supplementary reading

Swedish Standards Institute (SIS) (2006), *Ge din information rätt säkerhet*. Version 6.0. Stockholm: SIS förlag. 109 p.