Syllabus Master Programme in Information Security for study year 2015/2016

Informationssäkerhet, master

Syllabus updated on 2014-06-03 by Enhetschefen Utbildnings- och forskningsenheten.

This is an adjusted view
Enrolled A15
View type Compulsory courses

Credits

The programme consists of 120 credits.

Degree

Degree of Master of Science (120 credits) - Major; Information Security

Programme content and structure

The program consists of a total of 120 credits out of which 90 credits are compulsory courses at advanced level in the area of Information Security. The final thesis constitutes 30 credits out of the total of 90 credits at advanced level. The program is available by distance and on campus.

During the first year of the programme, you will take courses that center on the core concepts of information security and also allow you to apply your knowledge in a project course, which concludes the first academic year. In the project course you can, for example, choose to work togehter with companies and organizations both nationally and internationally. Courses in the second year broaden your knowledge in the field and prepare for final thesis. The programme will give you useful skills demanded by employers that operate on the global market.

There are two electable courses in the program where the student freely can choose courses in the field of Information Security, Computer Science or Business Administration instead of the specified electable courses offered in the program. There is also the option to graduate after one year, with a master (one year) degree after consultation with the course director.

🗎 Entry requirements

A Bachelor´s degree with a minimum of 180 ECTS with at least 60 ECTS in the area of computer science, systems science, information technology or a closely related area. The degree must include a final thesis of 15 ECTS.

Documented skills in English language.

[More information about English language requirements](#)

🗎 Selection

The selection procedure is based on academic qualifications, quality and quantity aspects

Selection group
Academic: 100%

🗎 Compulsory courses

Compulsory courses 75 credits

Course code	Name	Cr	Level		
A0004N	Information Security	7.5	F		
A7001E	Strategic security and IT-management	7.5	S		
A7002E	Trends in IS and Information Security	7.5	S		
A7004N	Business Case Project	15	S		
A7005E	Client security architecture	7.5	S		
A7006E	Server security architecture	7.5	S		
A7006N	Scientific Methods	7.5	S		
A7007E	Critical Infrastructure Protection	7.5	S		
A7011N	Internet Security	7.5	S		

AND

Master thesis 30 credits

Course code	Name	Cr	Level		
A7009N	Master Thesis	30	S		

AND

Electable courses 15 credits, within selective courses choose 15 credits

Course code	Name	Cr	Level		
A0001E	Security Architecture	7.5	F	Selectable	
A7005N	Knowledge Management - Information Security	7.5	S	Selectable	
B7006N	Development of Digital Preservation Systems	7.5	S	Selectable	
B7007N	Digital Curation	7.5	S	Selectable	
	Alternative course in the field of Computer Science or Business Administration	15		Selectable	