

## **COURSE REQUIREMENT LIST**

# **Master of Science (60 credits), Major Information Security**

DATE

**2020-09-10**

REFERENCE NO.

**LTU-2741-2020**

DECISION MAKER

**Dean Faculty of Humanities and Social Sciences Faculty of Humanities and Social Sciences**

## Programme content and structure

To obtain a Degree of Master of Science (60 credits) in major Information Security, 60 credits are required. At least 30 credits within the major of Information Security, including independent work of at least 15 credits. For a Degree of Master of Science, at least 45 credits must be at the second cycle level.

### Credits

60 credits

### Degree

- Degree of Master of Science (60 credits) - Major; Information Security

## Compulsory courses

### Courses within major

Course code	Course	Cr	Level	Comment
A0004N	Information Security	7.5	Bachelor's level	
A7007N	Magister Thesis in Information Security	15	Master's level	

### One of the following courses within major A7001E or A7006N

Course code	Course	Cr	Level	Comment
A7001E	Strategic security and IT-management	7.5	Master's level	
A7006N	Scientific Methods	7.5	Master's level	

### One of the following courses within major A7005E or A7012N or A7010E A7002N

Course code	Course	Cr	Level	Comment
A7002N	Data Communication in Information Systems	7.5	Master's level	Discontinued
A7005E	Client security architecture	7.5	Master's level	Discontinued
A7010E	Applied Computer Security	7.5	Master's level	
A7012N	Systems Thinking	7.5	Master's level	Discontinued

### One of the following courses within major A7006E or A7005N or A7011E or A7012E

Course code	Course	Cr	Level	Comment
A7005N	Knowledge Management - Information Security	7.5	Master's level	Discontinued
A7006E	Server security architecture	7.5	Master's level	Discontinued
A7011E	IT-Infrastructure Security	7.5	Master's level	
A7012E	Information Security Risk Management	7.5	Master's level	

### One of the following courses within major A0002N or A7007E

Course code	Course	Cr	Level	Comment
A0002N	Safety I	7.5	Bachelor's level	Discontinued
A7007E	Critical Infrastructure Protection	7.5	Master's level	

### One of the following courses within major A7011N or A7003N

Course code	Course	Cr	Level	Comment
A7003N	Safe e-services I	7.5	Master's level	Discontinued
A7011N	Internet Security	7.5	Master's level	