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Website	http://www.ru.nl/english/education/bachelors/computing-science/

DEGREE PROGRAMME

Name of programme	Cyber Security specialisation	CROHO	21PM-59326
Location	Nijmegen		
Educational level	Bachelor's degree	Qualification	BSc
Prior knowledge		Study load	180 ECTS
Type of programme	Full-time	Funded	Yes
Category	Computing Science	Has been offered since	2013

DESCRIPTION

Technical bachelor's degree in which a wide range of security aspects within computer science are broadly considered (software security, cryptography, network security, privacy, hacking, and legal, organisational and social engineering).

SUBJECTS (cybersecurity related)

Organisation	ECTS
Organisational studies and change management	
Governance	
Project management	
Financial management	
Review and audit	
Risk and information security management	2
Security architecture	
Identity & access management	1
Business continuity management	2
Legislation and compliance	3
Specialisations:	
People and Behaviour	ECTS
Psychology	
Organisational psychology / culture	1
Awareness	
Human failure	
Ethics	3
Cybercrime	
Social engineering	
Crisis management	1
Specialisations:	

Technology	ECTS
Information technology (without security)	95
• general computer science ¹⁾	32
• computer systems	12
• networks	6
• software	36
• data	9
IT security	15
• computer systems	3
• networks	3
• software	6
• data	3
Malware / fraud / hacking technology	3
• computer systems	
• networks	
• software	
• data	
Cryptography	6
Digital forensic research	
ICS / SCADA	
Monitoring and analysis	
Privacy	2
IoT – Internet of Things	

INTERNSHIP / ELECTIVE MODULES

Internship / graduation / project	ECTS
Bachelor's thesis	12

Elective modules (minors, elective modules, etc.)	ECTS
minor	15
elective elements	12

COMPETENCES

Basic competencies (7 ECTS)	
English	Research skills
Technical writing	Forming an opinion
Presentation skills	Working in an interdisciplinary setting
Collaboration skills	Learning skills

¹⁾ General computer science: logic, mathematics, foundations of computing science, requirement engineering, research methods, R&D projects, et cetera.