

INSTITUTION

Name	TRU/e (Radboud and Eindhoven University of Technology)
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Website(s)	www.TRUE-security.nl
see also:	Radboud: https://www.ru.nl/english/education/masters/cyber-security/
and:	Eindhoven University of Technology: https://www.tue.nl/en/education/tue-graduate-school/masters-programs/information-security-technology/

DEGREE PROGRAMME

Name of programme	Cyber Security	CROHO	21PM-60364
Location	Nijmegen / Eindhoven		
Educational level	Master's degree	Qualification	MSc
Prior knowledge		Study load	120 ECTS
Type of programme	Full-time	Funded	Yes
Category	Computing Science	Has been offered since	2007

DESCRIPTION

Master's degree in computer science with elective modules general and applied cryptography, privacy (incl. legal aspects), hardware security and cyberattacks & defences.

SUBJECTS (cybersecurity related)

Organisation	ECTS
Organisational studies and change management	
Governance	1
Project management	
Financial management	
Review and audit	1
Risk and information security management	1
Security architecture	-
Identity & access management	1
Business continuity management	1
Legislation and compliance	6
Specialisations:	
People and Behaviour	ECTS
Psychology	
Organisational psychology / culture	
Awareness	1
Human failure	
Ethics	3
Cybercrime	
Social engineering	
Crisis management	

Technology	ECTS
Information technology (without security)	
• computer systems	
• networks	
• software	
• data	
IT security	30
• computer systems	10
• networks	5
• software	10
• data	5
Malware / fraud / hacking technology	5
• computer systems	
• networks	
• software	
• data	
Cryptography	21
Digital forensic research	
ICS / SCADA	1
Monitoring and analysis	1
Privacy	6
IoT – Internet of Things	

INTERNSHIP / ELECTIVE MODULES

Internship / graduation / project	ECTS
Master's thesis (Cybersecurity = 30 ECTS)	30

Elective modules (minors, elective modules, etc.)	ECTS
Elective modules	11

COMPETENCES

Basic competences	
English	Research skills
Technical writing	Forming an opinion
Presentation skills	Working in an interdisciplinary setting
Collaboration skills	Learning skills

Comments: The degree programme consists of 30 ECTS in compulsory modules (data protection, cryptography, software security, security in organisations, verification of security protocols, network security) supplemented with computer ethics (Radboud) and a selection from the aforementioned subjects that can be followed at Radboud University and Eindhoven University of Technology.