

Programma didattico:

Modulo	SSD	CFU	Ore di didattica
PARTE I - FORMAZIONE CULTURALE			
Introduction to Cybersecurity	ING-INF/01	0,8	8
Computer Security	INF/01	3	30
Information Security Management and Legals	ING-INF/01	2,4	24
Network Security	ING-INF/03	3	30
Cryptography	INF/01	2,4	24
Totale		11,6	116
PARTE II - FORMAZIONE PROFESSIONALE			
Security and Threats to Critical Infrastructure	ING-IND/31	1,2	12
Cryptographic Protocols & Blockchain Technologies	ING-INF/05	2,4	24
Web Security	ING-INF/05	2	20
Information Security & Risk Management	ING-INF/01	2,8	28
Business Continuity and Crisis Management	ING-INF/05	1,6	16
Informatica Legale, Privacy and Cyber Crime	IUS/01	3,6	36
Fundamentals of Computer Forensics	ING-INF/05	0,8	8
Cyber Security in Financial and Credit Systems	ING-INF/05	0,4	4
Cybersecurity in SCADA Systems, Industry, Power, and Energy	ING-INF/01, ING-INF/03	3	30
IoT Applications Security	ING-INF/05	2	20
Defense-in-Depth Strategies for Critical Infrastructures	ING-INF/05	1,2	12
Standards and Best Practices for Security and Safety	ING-IND/31	1,8	18
Social Engineering and Intelligence for Cyber Security	ING-INF/01	1,6	16
Totale:		24,4	244
PARTE III - SPECIALIZZAZIONI - INDIRIZZO I: Cyber Defence of IT/OT Systems			
Incident Response and Forensics Analysis	ING-INF/05	2,4	24
Malware Analysis	INF/01	2,4	24
Mobile Security and IoT	ING-INF/05	2	20
Cyber Exercise	ING-INF/05	0,4	4
Totale:		7,2	72
PARTE III - SPECIALIZZAZIONI - INDIRIZZO II: GRC for Critical Infrastructure Protection and the Enterprise			
Cyber Defense and Cyber Intelligence	ING-INF/01	2,4	24
Standards for ISMS and BCMS Certification: ISO/IEC 27001, ISO 22301	ING-INF/05, ING-IND/31	2,4	24
Physical Security	ING-INF/01	1,2	12
Risk Propagation in Interconnected Infrastructures	ING-IND/31	1,2	12
Totale:		7,2	72