



MASTER (LM) DEGREE COURSE IN INTERNATIONAL CYBERSECURITY AND CYBERINTELLIGENCE <i>Study programme for students enrolled in the academic year 2025-2026 - entirely held in English</i> <i>This is a joint program with the University of Granada (Spain), the University of Vilnius (Lithuania) and the University of Minho (Portugal)</i>	
1st YEAR	
UNITS HELD AT THE UNIVERSITY OF PADOVA (FIRST SEMESTER OF THE FIRST YEAR)	CREDITS
MANDATORY UNIT	CREDITS
FUNDAMENTALS OF CYBERSECURITY	6
DIGITAL FORENSICS AND BIOMETRICS	6
FUNDAMENTALS ON INTERNATIONAL CYBERSECURITY	6
SECURE SOFTWARE DEVELOPMENT	6
1 UNIT TO CHOOSE AMONG THE FOLLOWING:	CREDITS
MOBILE APPLICATIONS SECURITY	6
CYBERPHYSICAL AND IOT SECURITY	6
MACHINE LEARNING TECHNIQUES FOR EVENT CORRELATION	6
FORMAL METHODS FOR CYBERPHYSICAL SYSTEMS	6
QUANTUM CRYPTOGRAPHY AND SECURITY	6
PRIVACY PRESERVING INFORMATION ACCESS	6
LAW AND DATA	6
UNITS HELD AT THE UNIVERSITY OF VILNIUS (SECOND SEMESTER OF THE FIRST YEAR)	
MANDATORY UNIT	CREDITS
OPERATING SYSTEMS SECURITY	6
SECURITY OF APPLICATIONS	6
INTERNATIONAL MANAGEMENT OF CYBERSECURITY	6
RESEARCH PROJECTS	6
1 UNIT TO CHOOSE AMONG THE FOLLOWING:	CREDITS
MALWARE	6

RAPID REACTION AND FIRST RESPONSE	6
2nd YEAR	
UNITS HELD AT THE UNIVERSITY OF GRANADA (FIRST SEMESTER OF THE SECOND YEAR)	
MANDATORY UNIT	CREDITS
ETHICAL HACKING	6
CYBERPROTECTION SYSTEMS	6
NETWORK SECURITY	6
INTERNATIONAL CYBERINTELLIGENCE	6
2 UNITS TO CHOOSE AMONG THE FOLLOWING:	CREDITS
INTERNATIONAL COOPERATION IN CYBERSPACE	6
CYBERWARFARE	6
POST-QUANTUM CRYPTOGRAPHY	6
ADDITIONAL FREE-CHOICE CREDITS	12
UNITS HELD AT THE UNIVERSITY OF MINHO (SECOND SEMESTER OF THE SECOND YEAR)	
EXPERT SEMINARS	6
FINAL EXERCISE	3
FINAL THESIS/DISSERTATION	21

ANY FURTHER NOTES

- Free-choice credits can be chosen among the university's educational offer as long as they are consistent with the educational path
- Attendance is recommended but not compulsory.