

Course details - 1st and 2nd year of the master (E4-E5)

> Master in Artificial Intelligence and Cybersecurity

Mandatory courses			
Title	Hours	Credits	Period
Algorithmic	30	3	E4 Semester 1
Deep learning	30	3	
Software security	30	3	
Software engineering	30	3	E4 Semester 2
Artificial Intelligence	30	3	
Networks security	30	3	

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Elective course			
Title	Hours	Credits	Period
Case study AI and Cybersecurity	60	6	E5 Semester 1
Artificial intelligence			
Machine Learning	30	3	E4 Semester 1
Introduction to robotics	30	3	
Computer Vision and Image analysis	30	3	E5 Semester 1
Natural language processing	30	3	
Time series & Machine Learning	30	3	
Cybersecurity			
Introduction to Cybersecurity	30	3	E4 Semester 1
Safety and Security : From Specification to Implementation	30	3	
Sécurité des données	30	3	E4 Semester 2
IoT Security : Communications and Systems	30	3	E5 Semester 1
Computer Forensics and post mortem analysis	30	3	
Computer Science			
System programming	30	3	E4 Semester 1
Devops	30	3	
Hands on 3D technologies programming	30	3	E4 Semester 2
Computer Graphics and OpenGL	30	3	E5 Semester 1
Data science for developers	30	3	