

CYBERSECURITY TRACK

ICT MANAGEMENT			
ssd	Course	sem	CFU
YEAR I			
MAT 09	FOUNDATIONS OF OPERATION RESEARCH	1	5
ING-INF/05	DATA BASES 2	1	5
ING-INF/05	FORMAL LANGUAGES AND COMPILERS	1	5
ING-INF/05	SOFTWARE ENGINEERING 2	1	5
ING-INF/05	ARTIFICIAL INTELLIGENCE	1	5
ING-INF/05	TECHNOLOGIES FOR INFORMATION SYSTEMS	1	5
ING-INF/05	ADVANCED COMPUTER ARCHITECTURES	2	5
ING-INF/05	COMPUTER INFRASTRUCURES AND COMPUTER SECURITY	2	10
ING-INF/05	Either PROCESS AND SERVICE DESIGN or BUSINESS INFORMATION SYSTEMS 1	2	5
ING-INF/05	INFORMATICA E DIRITTO	2	5
ING-INF/04	MODEL IDENTIFICATION AND DATA ANALYSIS 1	2	5
YEAR 2			
ING-INF/05	EMBEDDED SYSTEMS	1	10
MAT/09	LOGIC AND ALGEBRA 2	1	5
	Two courses among: DISTRIBUTED SYSTEMS, COMPUTER SYSTEMS PERFORMANCE EVALUATION, GAME THEORY, RECOMMENDER SYSTEMS, ECONOMIA DEI SERVIZI E DELLE RETI I	1	10
ING-INF/05	AVANCED TOPICS IN COMPUTER SECURITY	2	5
ING-INF/05	CRYPTOGRAPHY AND ARCHITECTURES FOR SECURITY	2	5
ING-INF/05	One among the following: PROCESS AND SERVICE DESIGN, BUSINESS INFORMATION SYSTEMS 1, BUSINESS INFORMATION SYSTEMS 2	1	5

SOFTWARE METHODOLOGIES			
ssd	Course	Sem	CFU
YEAR I			
MAT 09	FOUNDATIONS OF OPERATION RESEARCH	1	5
ING-INF/05	DATA BASES 2	1	5
ING-INF/05	FORMAL LANGUAGES AND COMPILERS	1	5
ING-INF/05	SOFTWARE ENGINEERING 2	1	5
ING-INF/05	ARTIFICIAL INTELLIGENCE	1	5
ING-INF/05	DISTRIBUTED SYSTEMS	1	5
ING-INF/05	ADVANCED COMPUTER ARCHITECTURES	2	5
ING-INF/05	COMPUTER INFRASTRUCURES AND COMPUTER SECURITY	2	10
ING-INF/05	Either PRINCIPLES OF PROGRAMMING LANGUAGES or MACHINE LEARNING	2	5
ING-INF/05	INFORMATICA E DIRITTO	2	5
ING-INF/04	MODEL IDENTIFICATION AND DATA ANALYSIS 1	2	5
YEAR 2			
ING-INF/05	EMBEDDED SYSTEMS	1	10
MAT/09	LOGIC AND ALGEBRA 2	1	5
	Either MIDDLEWARE TECHNOLOGIES FOR DISTRIBUTED SYSTEMS or GAME THEORY	1	5
	Either COMPUTER ETHICS or ECONOMIA DEI SERVIZI E DELLE RETI I	1	5
ING-INF/05	AVANCED TOPICS IN COMPUTER SECURITY	2	5
ING-INF/05	CRYPTOGRAPHY AND ARCHITECTURES FOR SECURITY	2	5
ING-INF/05	Either FORMAL METHODS FOR CONCURRENT SYSTEMS or CODE TRANSFORMATION AND OPTIMIZATION	2	5

COMPUTER ARCHITECTURES			
ssd	Course	sem	CFU
YEAR I			
MAT 09	FOUNDATIONS OF OPERATION RESEARCH	1	5
ING-INF/05	DATA BASES 2	1	5
ING-INF/05	FORMAL LANGUAGES AND COMPILERS	1	5
ING-INF/05	SOFTWARE ENGINEERING 2	1	5
ING-INF/05	ARTIFICIAL INTELLIGENCE	1	5
ING-INF/05	Either MACHINE LEARNING or SOFT COMPUTING	1 / 2	5
ING-INF/05	ADVANCED COMPUTER ARCHITECTURES	2	5
ING-INF/05	COMPUTER INFRASTRUCURES AND COMPUTER SECURITY	2	10
	Either INTERNET OF THINGS or DEPENDABLE SYSTEMS	2	5
ING-INF/05	INFORMATICA E DIRITTO	2	5
ING-INF/04	MODEL IDENTIFICATION AND DATA ANALYSIS 1	2	5
YEAR 2			
ING-INF/05	EMBEDDED SYSTEMS	1	10
MAT/09	LOGIC AND ALGEBRA 2	1	5
	Two courses among: DISTRIBUTED SYSTEMS, COMPUTER SYSTEMS PERFORMANCE EVALUATION, ACQUISITION SYSTEMS, MISURE, DIGITAL SYSTEMS DESIGN METHODOLOGIES ½	1 / 2	10
ING-INF/05	AVANCED TOPICS IN COMPUTER SECURITY	2	5
ING-INF/05	CRYPTOGRAPHY AND ARCHITECTURES FOR SECURITY	2	5
ING-INF/05	CODE TRANSFORMATION AND OPTIMIZATION	2	5