



**UNIVERSITÀ
DI TRENTO**

Dipartimento di
Ingegneria e Scienza dell'Informazione

Manifesto Laurea Magistrale in Ingegneria dell'Informazione/Information Engineering - anno accademico 2023-24

AD Code ESSE3	CORSO COURSES	SSD ACADEMIC DISCIPLINE	CFU CREDITS	TAF TRAINING ACTIVITY	ANNO YEAR	SEMESTRE SEMESTER	CREDITI DA SCEGLIERE CREDITS TO CHOOSE	NOTE NOTES	Docente TITOLARE COGNOME PROFESSOR	Docente TITOLARE NOME
Mandatory							42			
146224	Digital signal processing (mod 1)	ING-INF/03	12	Car	1	1			Demi	Libertario
	Digital signal processing (mod 2)								Demi	Libertario
146225	Networking (mod 1)	ING-INF/03	12	Car	1	1			Granelli	Fabrizio
	Networking (mod 2)								Granelli	Fabrizio
145761	Innovation and Business in ICT	SECS-P/10	6	Aff	1	1			Pasquini	Carlo
146226	Recognition Systems	ING-INF/03	12	Car	1	2			Melgani	Farid
Communications Engineering							12			
145065	Network Security*	INF/01	6	Aff	1	2		*	Crispo	Bruno
145462	Simulation and Performance Evaluation	ING-INF/03	6	Car.	1	2			Casari	Paolo
							18			
146227	Communication Systems	ING-INF/03	6	Car	1	2			Sacchi	Claudio
140273	Radar and Radiolocalization	ING-INF/03	6	Car	1	2			Bruzzzone	Lorenzo
145612	Advanced Remote Sensing systems	ING-INF/03	6	Car	2	1			Bruzzzone	Lorenzo
146228	Wireless Networking and Localization	ING-INF/03	6	Car	2	1			Casari	Paolo
							18			
	A scelta		18	Scelta	1-2	1-2		*		
* Il corso può essere sostituito tramite piano individuale con 145937 'Introduction to computer and Network Security', se non sostenuto alla triennale/ The course may be replaced with 145937 ' Introduction to computer and Network security', if it was not taken during the Bachelor's.										
Computer Engineering							6			
140266	Computer Vision	ING-INF/03	6	Car	1	2			Conci	Nicola
							12			
145764	Deep Learning	ING-INF/05	6	Aff	1	2			Ricci	Elisa
146223	Distributed Systems	ING-INF/05	6	Aff	1	2			Picco	Gian Pietro
145771	Fog and Cloud Computing	ING-INF/05	6	Aff	1	2			Siracusa	Domenico
146229	Computer Graphics	ING-INF/05	6	Aff	1	2			Garau	Nicola
146157	Blockchain	ING-INF/05	6	Aff	1	2			Telesca	Luigi
							6			



**UNIVERSITÀ
DI TRENTO**

Dipartimento di
Ingegneria e Scienza dell'Informazione

Manifesto Laurea Magistrale in Ingegneria dell'Informazione/Information Engineering - anno accademico 2023-24

AD <i>Code ESSE3</i>	CORSO <i>COURSES</i>	SSD <i>ACADEMIC DISCIPLINE</i>	CFU <i>CREDITS</i>	TAF <i>TRAINING ACTIVITY</i>	ANNO <i>YEAR</i>	SEMESTRE <i>SEMESTER</i>	CREDITI DA SCEGLIERE <i>CREDITS TO CHOOSE</i>	NOTE <i>NOTES</i>	Docente TITOLARE COGNOME <i>PROFESSOR</i>	Docente TITOLARE NOME	
145614	Multimedia Data Security	ING-INF/03	6	Car	2	1			Boato	Giulia	
							6				
155020	Multisensory Interactive Systems	ING-INF/05	6	Aff	2	1			Turchet	Luca	
145810	Service Design and Engineering	ING-INF/05	6	Aff	2	1			Marchese	Maurizio	
							18				
	A scelta		18	Scelta	1-2	1-2					
Electronic Engineering							6				
146230	Analog Electronic Systems	ING-INF/02	6	Car	1	2			Lizzi	Leonardo	
							12				
146231	Low-power embedded systems	ING-INF/05	6	Aff	1	2			Yildirim	Kasim Sinan	
146197	Microelectronic devices, sensors and MEMS	ING-INF/01	6	Aff	1	2			Dalla Betta	Gianfranco	
146120	GPU Computing	INF/01	6	Aff	1	2			Vella	Flavio	
							6				
145811	Low-power wireless networking for the Internet of Things	ING-INF/03	6	Car	2	1			Picco	Gian Pietro	
							6				
145447	Advanced Computing Architectures	ING-INF/05	6	Aff	2	1			Passerone	Roberto	
146232	High Performance Computing	ING-INF/05	6	Aff	2	1			Fiore	Sandro	
							18				
	A scelta		18	Scelta	1-2	1-2					
Biomedical Engineering							12				
146233	Fundamentals of Bioengineering	ING-INF/06	6	Aff	1	2			Demi	Libertario	
146234	Biomedical Signal Processing	ING-INF/03	6	Car	1	2			Demi	Libertario	
							6				
146200	Digital Epidemiology	ING-INF/05	6	Aff	1	2			Tizzoni	Michele	
146235	Digital Health Systems	ING-INF/05	6	Aff	1	2			Eccher	Claudio	
							6				
145762	Ultrasound Technologies for Medical Applications	ING-INF/03	6	Car	2	1			Demi	Libertario	
							6				
146236	Robotics for Biomedical Engineering	ING-INF/05	6	Aff	2	1			Palopoli	Luigi	
146237	Sport Tech	ING-INF/05	6	Aff	2	1			Conci	Nicola	
							18				



**UNIVERSITÀ
DI TRENTO**

Dipartimento di
Ingegneria e Scienza dell'Informazione

Manifesto Laurea Magistrale in Ingegneria dell'Informazione/Information Engineering - anno accademico 2023-24

AD Code ESSE3	CORSO COURSES	SSD ACADEMIC DISCIPLINE	CFU CREDITS	TAF TRAINING ACTIVITY	ANNO YEAR	SEMESTRE SEMESTER	CREDITI DA SCEGLIERE CREDITS TO CHOOSE	NOTE NOTES	Docente TITOLARE COGNOME PROFESSOR	Docente TITOLARE NOME
	A scelta		18	Scelta	1-2	1-2				
145665	Tirocinio		6	Altro	2	2				
146238	Thesis		24	Altro	2	2				
Area ICT INNOVATION CNI - offered to Double Degree students only										
							30			
145936	Innovation and Entrepreneurship Basic	SECS-P/10	6	Car	1	1			Angeli	Lorenzo
146225	Networking	ING-INF/03	12	Car	1	1			Granelli / cambio semestre	
146069	Next Generation Networks	ING-INF/03	6	Car	1	1			Segata	Michele
145301	Project Course	ING-INF/03	6	Car	1	1			DISI Faculty	
							30			
145288	Business Development Laboratory	SECS-P/10	9	Aff	1	2			Formentini	Marco
145455	ICT Innovation	ING-INF/02	9	Car	1	2			Formentini	Marco
145771	Fog and Cloud Computing	ING-INF/05	6	Aff	1	2			Siracusa	Domenico
145462	Simulation and Performance Evaluation	ING-INF/03	6	Car	1	2			Casari	Paolo
							30			
145623	Innovation and Entrepreneurship Studies in ICT	ING-INF/05	6	Aff	2	1			Marchese	Maurizio
146228	Wireless Networking and Localization	ING-INF/03	6	Car	2	1			Casari	Paolo
	A scelta		18	Scelta	1-2	1-2				
							30			
	Tirocinio		6	Altro	2	2				
	Tesi		24	Altro	2	2				
Con riferimento ai corsi scelta, selezionare preferibilmente dalla lista dei corsi scelta vincolata non selezionati in precedenza. In subordine, selezionare dalla lista di seguito. / As of free choice courses, students are recommended to select courses not taken from the group of courses above, and subordinately from the list below.										
Free-choice courses										
146239	Network Intrusion and Anomaly detection with Machine Learning	ING-INF/05	6	Scelta	2	1			Doriguzzi Corin	Roberto
146102	Italian Exam for International Students		6	Scelta	1	1-2		**	Centro Linguistico di Ateneo	
145301	Project course	ING-INF/03	6	Scelta	1-2	1-2			DISI Faculty	
145289	Research Project	ING-INF/05	12	Scelta	1-2	1-2			DISI Faculty	
145859	Natural Language Understanding	ING-INF/05	6	Scelta	1	2			Riccardi	Giuseppe



**UNIVERSITÀ
DI TRENTO**

Dipartimento di
Ingegneria e Scienza dell'Informazione

Manifesto Laurea Magistrale in Ingegneria dell'Informazione/Information Engineering - anno accademico 2023-24

AD <i>Code ESSE3</i>	CORSO <i>COURSES</i>	SSD <i>ACADEMIC DISCIPLINE</i>	CFU <i>CREDITS</i>	TAF <i>TRAINING ACTIVITY</i>	ANNO <i>YEAR</i>	SEMESTRE <i>SEMESTER</i>	CREDITI DA SCEGLIERE <i>CREDITS TO CHOOSE</i>	NOTE <i>NOTES</i>	Docente TITOLARE COGNOME <i>PROFESSOR</i>	Docente TITOLARE NOME
145453	Data Mining	ING-INF/05	6	Scelta	2	1			Velegrakis	Yannis
146170	Applied Natural Language Processing	ING-INF/05	6	Scelta	1	2			Staiano	Jacopo
146218	AI for Food Quality Control	ING-INF/03	6	Scelta	2	1		*	Melgani	Farid
146122	Ethics for computer science and engineering	SECS--P/07	6	Scelta	1	2			Brusseau	James
146219	Ethical Hacking	INF/01	6	Scelta	1	2			Crispo	Bruno
146221	Challenge-Based Activity	ING-INF/05	6	Scelta	1-2	1-2			DISI Faculty	
145937	Introduction to Computer and Network security*	INF/01	6	Scelta	1	1		*	Ranise	Silvio

(*) Offered from a.y. 2024-25

(**) 146102 Italian Exam for International Students - This course is reserved to foreign students only.

Please note that foreign students lacking a sufficient level of knowledge of the Italian language (i.e. who cannot provide a CLA-recognized Italian Language certificate) will be required to follow the Italian language course and include 146102 Italian Exam for International Students, offered by CLA (University Language Center) in their study plan.