UNIVERSITÀ
DI TRENTO
Dipartimento di
Ingegneria e Scienza dell'Informazione

Manifesto Laurea Magistrale in Ingegneria dell'Informazione/Information Engineering - anno accademico 2026-27
CLOUD AND NETWORKING INFRASTRUCTURE AND HPC - (CNIHPC) - ACHIEVE - FOR DOUBLE DEGREE STUDENTS ONLY

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
Cloud and Networking Infrastructure and HPC (CNIHPC) - developed under ACHIEVE - offered to Double Degree students only											
								36			
145936	Innovation and Entrepreneurship Basic	SECS-P/10	ECON-08/A	6	Aff	1	I			Angeli	Lorenzo
146444	Engineering Programmable and Sustainable Networks (mod 1)	ING-INF/03	IINF-03/A	12	Car	1	I			Granelli	Fabrizio
	Engineering Programmable and Sustainable Networks (mod 2)									Granelli	Fabrizio
145972	High-Performance Computing for Data Science	ING-INF/03	IINF-03/A	6	Car	1	I			Fiore	Sandro
146069	Next Generation Networks	ING-INF/03	IINF-03/A	6	Car	1	I			Segata	Michele
145447	Advanced Computing Architectures	ING-INF/03	IINF-03/A	6	Car	1	I			Passerone	Roberto
								18			
145288	Business Development Laboratory	SECS-P/10	ECON-08/A	9	Aff	1	II			Formentini	Marco
145455	ICT Innovation	ING-INF/02	IINF-02/A	9	Car	1	II			Formentini	Marco
Students choose one of the following two tracks (CNI or HPC):								***6***			
146421	Cloud Computing Technologies (track CNI)	ING-INF/05	IINF-05/A	6	Aff	1	II			Siracusa	Domenico
146120	GPU Computing (track HPC)	ING-INF/05	IINF-05/A	6	Aff	1	II			Vella	Flavio
								30			
145623	Innovation and Entrepreneurship Studies in ICT	ING-INF/05	IINF-05/A	6	Aff	2	I			Marchese	Maurizio
146357	Project course on 5G and beyond or HPC	ING-INF/03	IINF-03/A	6	Car	2	I			DISI Faculty	
	A scelta			18	Scelta	2	I-II				
								30			
	Tirocinio			6	Altro	2	II				
	Tesi			24	Altro	2	II				
Free-choice courses											
146239	Network Intrusion and Anomaly detection with Machine Learning	ING-INF/05	IINF-05/A	6	Scelta	2	I			Doriguzzi Roberto	Corin
146232	High Performance Computing	ING-INF/05	IINF-05/A	6	Scelta	2	I			Fiore	Sandro
145447	Advanced Computing Architectures	ING-INF/05	IINF-05/A	6	Scelta	2	I			Passerone	Roberto
146228	Wireless Networking and Localization	ING-INF/03	IINF-03/A	6	Scelta	2	I			Casari	Paolo
146069	Next generation networks	ING-INF/03	IINF-03/A	6	Scelta	2	I			Segata	Michele
146226	Recognition Systems	ING-INF/03	IINF-03/A	12	Scelta	2	II			Melgani	Farid
146120	GPU Computing	INF/01	INFO-01/A	6	Scelta	2	II			Vella	Flavio
145065	Network Security	INF/01	INFO-01/A	6	Scelta	2	II		*	Crispo	Bruno
146446	Mobile and satellite communication systems	ING-INF/03	IINF-03/A	6	Scelta	2	II			Sacchi	Claudio
146223	Distributed Systems	ING-INF/05	IINF-05/A	6	Scelta	2	II			Picco	Gian Pietro
146421	Cloud Computing Technologies	ING-INF/05	IINF-05/A	6	Scelta	2	II			Siracusa	Domenico
145301	Project course	ING-INF/03	IINF-03/A	6	Scelta	2	I-II			DISI Faculty	

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(*) 145065 Network security -
Si consigliano come prerequisiti 145937 - Introduction to Computer and Network Security e 145322 - Security Testing per gli studenti che non hanno seguito altri corsi di Security.
It is recommended as a prerequisite to attend 145937 - Introduction to Computer and Network Security and 145322 - Security Testing for students who have not taken other courses in Security.

Safety courses
The on-line courses "Health and Safety in the workplace General Risk training" (4 hours) and "Health and Safety in the workplace Specific risk training (Low Risk)" (4 hours) are mandatory for all the students attending courses held in computer and/or teaching labs. The courses are available through Didattica online.
Some of the courses may have additional requirements in terms of knowledge on the safety regulations. Such requirements are explicitly mentioned in the Syllabus of the courses and can be covered through specific safety courses (medium risk) offered by the University.

https://www.unitn.it/en/study/register/documents-and-certificates/safety-training