UNIVERSITÀ
DI TRENTO
Dipartimento di
Ingegneria e Scienza dell'Informazione

Manifesto Laurea Magistrale in Ingegneria dell'Informazione/Information Engineering - anno accademico 2026-27
Intelligent Chips and Systems (ICS) - RESCHIP4EU - 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
Intelligent Chips and Systems (ICS) - developed under (RESCHIP4EU) - offered to Double Degree students only											
								30			
145936	Innovation and Entrepreneurship Basic	SECS-P/10	ECON-08/A	6	Aff	1	I			Angeli	Lorenzo
145447	Advanced Computing Architectures	ING-INF/03	IINF-03/A	6	Car	1	I			Passerone	Roberto
146037	Embedded systems	ING-INF/03	IINF-03/A	6	Car	1	I			Rech	Paolo
145190	Digital signal processing	ING-INF/03	IINF-03/A	6	Car	1	I			Demi	Libertario
	Free choice courses from the list: ING-INF/05,IINF/05/A	ING-INF/05	IINF-05/A	6	Aff	1	I				
								30			
146424	Low-Power and Intelligent Embedded Systems	ING-INF/02	IINF-02/A	6	Car	1	II			Yildirim Kasim	Sinan
146223	Distributed systems	ING-INF/03	IINF-03/A	6	Car	1	II			Picco	Gian Pietro
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
								30			
145623	Innovation and Entrepreneurship Studies in ICT	ING-INF/05	IINF-05/A	6	Aff	2	I			Marchese	Maurizio
145811	Low-power wireless networking for the Internet of Things	ING-INF/03	IINF-03/A	6	Car	2	I			Picco	Gian Pietro
	Free-choice courses			18	Scelta	2	I-II				
								30			
	Tirocinio			6	Altro	2	II				
	Tesi			24	Altro	2	II				
Free-choice courses											
145764	Deep learning	ING-INF/05	IINF-05/A	6	Scelta	1-2	I		*	Ricci	Elisa
146465	Machine Learning	ING-INF/05	IINF-05/A	6	Scelta	1-2	I			Melgani	Farid
146217	Software Development for Collaborative Robotics	ING-INF/05	IINF-05/A	6	Scelta	1-2	I			Lamon	Edoardo
146232	High Performance Computing	ING-INF/05	IINF-05/A	6	Scelta	1-2	I			Fiore	Sandro
145874	Robot Planning and its application	ING-INF/05	IINF-05/A	6	Scelta	1-2	I			Palopoli	Luigi
146318	Automated Reasoning and Formal Verification	ING-INF/05	IINF-05/A	12	Scelta	2	II			Sebastiani	Roberto
145863	Automated Reasoning	ING-INF/05	IINF-05/A	6	Scelta	1	II			Sebastiani	Roberto
146079 - Formal Verification)	146079 - Formal Verification)	ING-INF/05	IINF-05/A	6	Scelta	1	II			Sebastiani	Roberto
146420	Simulation and evaluation of networked systems	ING-INF/05	IINF-05/A	6	Scelta	1-2	II			Casari	Paolo

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145289	Research Project	ING-INF/05	IINF-05/A	12	Scelta	2	I-II			DISI Faculty	
146224	Digital Signal Processing	ING-INF/03	IINF-03/A	12	Scelta	2	I			Demi	Libertario
145447	Advanced Computing Architectures	ING-INF/05	IINF-05/A	6	Scelta	2	I			Passerone	Roberto
146412	Electronic and photonic integrated chips	ING-INF/01	IINF-01/A	6	Scelta	2	I			Velha	Philippe
146228	Wireless Networking and Localization	ING-INF/03	IINF-03/A	6	Scelta	2	I			Casari	Paolo
146303	Sensing Technologies and Data Processing	ING-INF/03	IINF-03/A	6	Scelta	2	I			Bruzzone	Lorenzo
146230	Analog Electronic Systems	ING-INF/02	IINF-02/A	6	Scelta	2	II			Lizzi	Leonardo
146226	Recognition Systems	ING-INF/03	IINF-03/A	12	Scelta	2	II			Melgani	Farid
146197	Micro-electronic devices, sensors and MEMS	ING-INF/01	IINF-01/A	6	Scelta	2	II			Dalla Betta	Gianfranco
146120	GPU Computing	INF/01	INFO-01/A	6	Scelta	2	II			Vella	Flavio
145301	Project course	ING-INF/03	IINF-03/A	6	Scelta	2	I-II			DISI Faculty	

(*) 145764 Deep Learning-
E' richiesto come prerequisito 145062 - Machine learning. / It is required as a prerequisite 145062 - Machine learning.

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