

 UNIVERSITÀ DI TRENTO Dipartimento di Ingegneria e Scienza dell’Informazione												
Manifesto Laurea Magistrale in Artificial Intelligence System /Master’s Degree in Artificial Intelligence Systems - a.a. 2025-26 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	TE NOTES	Docente TITOLARE COGNOME PROFESSOR	Docente TITOLARE NOME
Curricula: Emotion Artificial Intelligence (EMAI) - EMAI4EU - offered to Double Degree students only												
Corsi obbligatori 1 anno/Compulsory Major Courses 1st year									30			
145857	Machine Learning - Module I	ING-INF/05	IINF-05/A	12	Car.		1	I			Melgani	Farid
	Machine Learning - Module II						1	II			Ricci	Elisa
145860	Law and Ethics in Artificial Intelligence	IUS/21	GIUR-11/B	6	Aff.		1	I			Penasa	Simone
145859	Natural Language Understanding	ING-INF/05	IINF-05/A	6	Car.		1	II			Riccardi	Giuseppe
Choose one course among the following ones												
145861	Artificial and biological neural systems	INF/01	INFO-01/A	6	Aff.		1	I			Hasson	Uri
145858	Signal, Image and Video	ING-INF/03	IINF-03/A	6	Aff.		1	I			Rosani	Andrea
Corsi I&E obbligatori 1 anno/Compulsory I&E Courses 1st year									24			
145881	AI and Innovation	ING-INF/05	IINF-05/A	6	Car.		1	I			Formentini	Marco
145288	Business Development Laboratory	SECS-P/08	ECON-07/A	9	Aff.		1	II			Formentini	Marco
145455	ICT Innovation	ING-INF/05	IINF-05/A	9	Car.		1	II			Formentini	Marco
Corsi a scelta 1 anno/Free choice course 1st year									6			
	Free choice course (see list below)			6			1					
Corsi obbligatori 2 anno/Compulsory Major Courses 2nd year									18			
145520	Affective Computing	ING-INF/05	IINF-05/A	6	Car.		2	I			Sebe	Nicu
146307	Human-Centric AI	ING-INF/05	IINF-05/A	6	Car.		2	I			Giunchiglia	Fausto
146155	Advanced HCI	ING-INF/05	IINF-05/A	6	Car.		2	I			Varni	Giovanna Paola
									6			
145936	Innovation and Entrepreneurship Basic	SECS-P/10	ECON-08/A	6	Aff.		2	I			Angeli	Lorenzo
Corsi a scelta 2 anno/Free choice course 2nd year									6			
	Free choice course (see list below)			6								



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145884	Tesi / Thesis								24			
145885	Tirocini formativi e di orientamento/Internship								6			
								TOT	120			
Free-choice courses												
146155	Advanced HCI		ING-INF/05	IINF-05/A	6	Scelta	1	I			Varni	Giovanna Paola
145863	Automated Reasoning		ING-INF/05	IINF-05/A	6	Car.	1	II			Sebastiani	Roberto
145866	Introduction to Robotics		ING-INF/04	IINF-04/A	6	Car.	1	II			Saveriano	Matteo
145867	Autonomous Software Agents		ING INF/05	IINF-05/A	6	Car.	1	II			Giorgini	Paolo
145875	Modeling and simulation of mechatronic systems		ING-IND/13	IIND-02/A	6	Scelta	1	II			Biral	Francesco
146079	Formal Verification		ING-INF/05	IINF-05/A	6	Scelta	1	II		***	Sebastiani	Roberto
145774	Automatic Control		ING-INF/04	IINF-04/A	6	Scelta	1	II			Zaccarian	Luca
146120	GPU computing		INF/01	INFO-01/A	6	Scelta	1	II			Vella	Flavio
146200	Digital Epidemiology		ING-INF/05	IINF-05/A	6	Scelta	1	II			Tizzoni	Michele
146321	Knowledge Discovery and Pattern Extraction		INF/01	INFO-01/A	6	Scelta	1	II			Casati	Fabio
146383	Immersive Technologies		ING/INF 05	IINF-05/A	6	Scelta	1	II			Luca	Turchet
145763	Bio-Inspired Artificial Intelligence		ING-INF/05	IINF-05/A	6	Car.	2	I			Iacca	Giovanni
145862	Automated Planning: Theory and Practice		ING-INF/05	IINF-05/A	6	Car.	2	I			Roveri	Marco
145864	Human-Machine Dialogue		ING-INF/05	IINF-05/A	6	Car.	2	I			Riccardi	Giuseppe
146308	Process Mining and Management		ING-INF/05	IINF-05/A	6	Scelta	2	I			Di Francescomarino	Chiara
145972	High-Performance Computing for Data Science		ING-INF/05	IINF-05/A	6	Scelta	2	I			Fiore	Sandro
145801	Neuroimaging for Data Science		M-PSI/02	PSIC-01-/B	6	Scelta	2	I			Baldauf	Daniel
145762	Ultrasound Technologies for Medical Applications		ING-INF/06	IBIO-01/A	6	Scelta	2	I			Demi	Libertario
155020	Multisensory Interactive Systems		ING-INF/05	IINF-05/A	6	Scelta	2	I			Turchet	Luca
140466	Computational methods for mechatronics		MAT/08	MATH-05/A	6	Scelta	2	I			Bertolazzi	Enrico
146392	Causality		ING-INF/05	IINF-05/A	6	Car.	2	I			Teso	Stefano
146393	Foundations of Human-AI Collaboration		ING/INF 05	IINF-05/A	6	Scelta	2	I			Pugnana	Andrea



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146217	Software Development for Collaborative Robotics		ING-INF/05	IINF-05/A	6	Scelta	2	I			Lamon	Edoardo
145779	Dynamics and control of vehicles and robots		ING-IND/13	IIND-02/A	6	Scelta	2	II			Biral	Francesco
145877	Logical Structures of Natural Language		M-FIL/05	PHYL-04/B	6	Scelta	2	II			Zamparelli	Roberto
145585	Quantum Machine Learning		ING-INF/05	IINF-05/A	6	Scelta	(1)-2	I			Blanzieri	Enrico
145091	Technical Writing		L- LIN /12	ANGL-01/C	6	Scelta	1-2	I-II		*	Centro Linguistico di Ateneo	
146102	Italian Exam for International Students				6	Scelta	1-2	I-II		**	Centro Linguistico di Ateneo	
146322	Designing Large Scale AI Systems		INF/01	INFO-01/A	6	Scelta	1-2	II			Casati	Fabio
145289	Research Project		INF/01	INFO-01/A	12	Scelta	1-2	I-II			DISI Faculty, and Teachers in AIS.	
			ING-INF/05	IINF-05/A								
145301	Project course		INF/01	INFO-01/A	6	Scelta	1-2	I-II			DISI Faculty, and Teachers in AIS.	
			ING-INF/05	IINF-05/A								
146317	Soft Skills Developments		ING-INF/05	IINF-05/A	6	Scelta	1-2	II			D'Andrea	Vincenzo

(*) 145091 Students having in their study plan '146102 Italian Exam for International Students', cannot take also '145091 Technical Writing', except for the case of supernumerary credits.

(**) '146102 Italian Exam for International Students' - This course is reserved to non-Italian citizens only.

(***)146079 Formal Verification: requires as prerequisite 145863 Automated Reasoning (aka Formal Methods Module I)

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>