



CHOOSE YOUR BLOCK: D E and option

A.Y. 2025-26

Study Plan - Automatic Acceptance

ID STUDENT

e-mail

FAMILY NAME

First Name

Your Bachelor's degree

1st year

2nd year

Year of enrollment

MANDATORY SUBJECTS							
Y	s	SUBJECTS	CFU	SSD	BLOCK	D	E
1	I	INTEGRATED SENSORS	9	ING-INF/01	ALL	9	9
1	II	NANOTECHNOLOGY	6	ING-INF/01	ALL	6	6
1	II	VLSI CIRCUIT AND SYSTEM DESIGN	9	ING-INF/01	ALL	9	9
2	I	CONTROL OF MECHANICAL SYSTEMS	9	ING-INF/04	ALL	9	9
2	I	ELECTRONICS OF IOT AND EMBEDDED SYSTEMS	12	ING-INF/01	ALL	12	12
2	I	ROBOT MECHANICS	9	ING-IND/13	ALL	9	9
2	II	COMPUTER VISION	6	ING-INF/07	ALL	6	6
2	II	POWER ELECTRONICS AND ELECTRICAL DRIVES	9	ING-INF/01	ALL	9	9
2	II	POWERTRAIN TECHNOLOGIES FOR FUTURE MOBILITY	9	ING-IND/08	ALL	9	9
1-2	I	FORMATIVE ACTIVITIES/INTERNSHIP	6		ALL	6	6
BLOCKS (24 cfu)						84	84
BLOCK D - Computational Methods						D	
1	I	MATHEMATICAL METHODS FOR PHYSICS	8	FIS/02	D	8	
1	I	NUMERICAL METHODS FOR ASTROPHYSICS	6	FIS/05	D	6	
2	I	LABORATORY – CALCULUS	4	INF/01	D	4	
opt D – One of the following 2 subjects:							
2	II	Machine Learning Methods for Physics	6	FIS/01	D	6	
2	II	Quantum Computing	6	FIS/01	D	6	
BLOCK E - ELECTROMECHANICS							E
1	I	INNOVATIVE MATERIALS WITH LABORATORY	6	ING-IND/21	C1-E		6
1	II	MECHANICS OF MATERIALS AND STRUCTURES	6	ICAR/08	A-E		6
1	II	Electronic Interfaces	6	ING-INF/01	B-C1-C2-E		6
opt E – One of the following 2 subjects:							
1	II	Feedback Control Systems	6	ING-INF/04	E		6
2	II	Control of Electrical Motors and Vehicles	6	ING-INF/04	C1-C2-E		6
						blocks	24 24
FINAL EXAM							12 12
TOTAL CREDITS						120	

Date of submission

Student's signature

Date of approval

School Office (Simona Ranieri)

The Coordinator (Prof. C.M. Verrelli)

Reserved to the Management office