

**CHOOSE YOUR BLOCK: A D E**  
**A.Y. 2024-25**

**Study Plan - Automatic Acceptance**

FAMILY NAME \_\_\_\_\_  
 EMAIL \_\_\_\_\_  
 Your Bachelor's degree \_\_\_\_\_

ID STUDENT \_\_\_\_\_  
 First NAME \_\_\_\_\_  
 1 2 or supplementary year  
 Year of enrollment \_\_\_\_\_

Y	s	SUBJECTS	CFU	SSD	BLOCK	A	D	E
1	I	INTEGRATED SENSORS	9	ING-INF/01		9	9	9
1	II	NANOTECHNOLOGY	6	ING-INF/01		6	6	6
1	II	VLSI CIRCUIT AND SYSTEM DESIGN	9	ING-INF/01		9	9	9
1	I	<b>INTERNSHIP</b>	6			6	6	6
2	I	CONTROL OF MECHANICAL SYSTEMS	9	ING-INF/04		9	9	9
2	I	ELECTRONICS OF IOT AND EMBEDDED SYSTEMS	12	ING-INF/01		12	12	12
		M-5519 – ELECTRONICS OF IOT						
		M-5520 – DESIGN OF EMBEDDED SYSTEMS FOR MECHATRONICS						
2	I	ROBOT MECHANICS	9	ING-IND/13		9	9	9
2	II	COMPUTER VISION	6	ING-INF/07		6	6	6
2	II	POWER ELECTRONICS AND ELECTRICAL DRIVES	9	ING-INF/01		9	9	9
2	II	POWERTRAIN TECHNOLOGIES FOR FUTURE MOBILITY	9	ING-IND/08		9	9	9

**BLOCK A - THERMO-MECHANICS (B.S. in Electronic and Biomedical Engineering with a background in Electronics)**

1	I	FUNDAMENTALS OF MECHANICS OF SYSTEMS	6	ING-IND/13	A	6		
1	II	MECHANICS OF MATERIALS AND STRUCTURES	6	ICAR/08	A	6		
1	II	THERMODYNAMICS AND HEAT TRANSFER	6	ING-IND/10	A	6		
2	II	MACHINE DESIGN	6	ING-IND/14	A	6		

**BLOCK D - COMPUTATIONAL METHODS (B.S. in Engineering Sciences or Systems Engineering)**

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	
2	II	MACHINE LEARNING METHODS FOR PHYSICS	6	FIS/01	D		6	

**BLOCK E - ELECTROMECHANICS (other than B.S. in Engineering Sciences or Systems Engineering, Electronics, Mechanics)**

1	I	INNOVATIVE MATERIALS WITH LABORATORY	6	ING-IND/21	E			6
1	II	MECHANICS OF MATERIALS AND STRUCTURES	6	ICAR/08	E			6
1	II	Electronic Interfaces	6	ING-INF/01	E			6
2	II	Control of Electrical Motors and Vehicles	6	ING-INF/04	E			6
2		<b>FINAL EXAM</b>	12					12
<b>total CFU</b>			<b>120</b>					

Date of submission \_\_\_\_\_

Student's signature \_\_\_\_\_

Date of approval \_\_\_\_\_

**School Office (Simona Ranieri)**  
**The Coordinator (Prof. C.M. Verrelli)**

Reserved to the Management office