

2 years  
after  
Bachelor's  
degree

NEW TECHNOLOGIES AND NEW PRODUCTS REQUIRE A MULTIDISCIPLINARY PREPARATION. THE MECHATRONICS ENGINEERING MASTER COURSE PREPARES YOU TO FACE AND DOMINATE THE COMPLEXITY OF FUTURE SCENARIOS.

"CREATIVITY IS THINKING UP NEW THINGS. INNOVATION IS DOING NEW THINGS."



### Course structure (120 credits, 2 Years)

year	EXAMS	CFU	E-M-S
1st	Innovative Materials with Laboratory	6	M-S
	Kinematics and dynamics of mechanism	9	E
	Robot Mechanics	9	M-S
	Mechanics of materials and structures	9	E
	Digital Electronics	9	M
	Power Electronics and Electrical Drives	9	E-M-S
	Internal Combustion Engines	9	E-M-S
	VLSI Circuit and System Design	9	E-S
	Feedback control systems	9	M
	Nanotechnology	6	S
2nd	Thermodynamics and Heat transfer	9	E
	Analogue Electronics	9	M
	Electronics of IoT and embedded systems	6	E-M-S
	Electronic Devices and Sensors	9	E-M-S
	Control of Industrial Systems	9	E-M-S
	Control of Electrical Machines	6	S
	Control of non-linear Systems	6	S
Measurement Systems for Mechatronics	6	E-S	

### Requirements for Admission

ADMISSION ARE OPEN FROM JULY TO OCTOBER 2017.

- OFFICIAL TRANSCRIPTS (VALIDATED BY THE ITALIAN EMBASSY THROUGH THE DECLARATION OF VALUE).
- A FIRST LEVEL UNIVERSITY DEGREE IN ENGINEERING OR EQUIVALENT (3 YEARS).
- CURRICULUM VITAE IN ENGLISH.
- MOTIVATION LETTER IN ENGLISH.
- A GOOD KNOWLEDGE OF ENGLISH LANGUAGE AND GRAMMAR: ENGLISH PROFICIENCY CERTIFICATE FOR NON-ENGLISH MOTHER TONGUE. MINIMUM REQUIREMENTS: IELTS 6.0 - TOEFL IBT 65/PBT 513/CBT 183 - CEF B2 OR ALL OTHER EQUIVALENTS). IN EXCEPTIONAL CASES STUDENTS WHO CANNOT PROVIDE A CERTIFICATE MAY BE CONSIDERED FOR A SKYPE INTERVIEW IN ORDER TO ASSESS THEIR KNOWLEDGE OF ENGLISH.

**Fees:** STANDARD UNIVERSITY FEES BASED ON FAMILY INCOME.

### Didactic office hours

MONDAY TO THURSDAY 10:00 -13:00, 15:00 -16:30  
VIA DEL POLITECNICO, 1  
INGEGNERIA DELL'INFORMAZIONE  
ROOM BT-01

[MECHATRONICS.UNIROMA2.IT](http://MECHATRONICS.UNIROMA2.IT)



new

E	Electronics curriculum
S	Systems curriculum
M	Mechanics curriculum

