

2 years
after
Bachelor's
degree

(taught in English)

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

new

E	Electronics curriculum
S	Systems curriculum
M	Mechatronics curriculum

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

