Università degli Studi di Roma Tor Vergata Master of Science in Tor Vergata

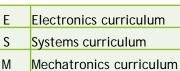
MECHATRONICS ENGINEER

NEW PRODUCTS New TECHNOLOGIES AND REQUIRE A MULTIDISCIPLINARY PREPARATION. The Mechatronics Engineering MASTER COURSE PREPARES YOU TO FACE AND DOMINATE THE COMPLEXITY OF FUTURE SCENARIOS.

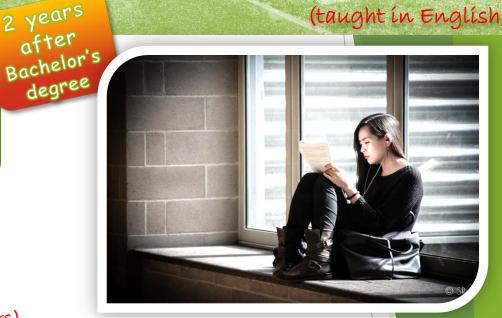
> **"CREATIVITY IS THINKING UP NEW THINGS.** INNOVATION IS DOING NEW THINGS."

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	М
	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	М
	Nanotechnology	6	S
	Thermodynamics and Heat transfer	9	E
	Analogue Electronics	9	М
2nd	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



(taught in English)



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.

Dídactic 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

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