ACCOMMODATION

OUR UNIVERSITY OFFERS STUDENTS THE POSSIBILITY OF LIVING ON CAMPUS AT CAMPUSX "TOR VERGATA". COMFORTABLE FURNISHED APARTMENTS ARE AVAILABLE WITHIN WALKING DISTANCE FROM THE ENGINEERING BUILDINGS.

THE MAIN AVAILABLE SERVICES ARE: RESTAURANT, CA-FETERIA, MINI-MARKET, LAUNDRY, SPORTING CENTER AND SHUTTLE TO SUBWAY STATION.

WWW.CAMPUSX.IT/CXROMA/INTERNATIONAL



TUITION FEES

UNIVERSITY TUITION FEES WILL ONLY BE BASED ON THE STUDENTS'FAMILY INCO-ME. OUR COURSE BELONG TO THE CLASS OF CONTRIBUTION 2.



GENERAL INFORMATION

COURSE TYPE: MASTER'S DEGREE (120 CFU) **DURATION: 2 YEARS DEPARTMENT:** ELECTRONICS ENGINEERING ACCESS TYPE: OPEN WITH CURRICULAR SKILLS TEST ADMISSION: WITH A BACHELOR'S DEGREE IN ENGINEERING SCIENCES, MECHATRONICS, ELECTRONICS OR MECHANICS. OTHER DEGREES IN ENGINEERING WILL BE EVALUATE

MECHATRONICS.UNIROMA2.IT



INFO AND CONTACTS

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VIA DEL POLITECNICO, 1 - 00133 ROMA BUILDING OF "INGEGNERIA DELL'INFORMAZIONE" **ROOM BT-01 GROUND FLOOR**

OFFICE HOURS MONDAY TO THURSDAY 10:00-13:00 15:00-16:30



Università degli Studi di Roma "Tor Vergata"

Today, the University of Tomorrow







MASTER OF SCIENCE IN



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Updated on 14.05.2020



IN SHORT

OUR COURSE AIMS TO IMPROVE SKILLS RE-LATED TO MECHANICS, ELECTRONICS AND AUTOMATIC FOCUSING ON THEIR RELATION-SHIP IN DESIGN, DE-VELOPMENT AND PRO-DUCTION PHASES.



ALL THE TOOLS NECES-

SARY FOR THE DEVELOPMENT OF MECHATRONIC MODULES THAT REQUIRE AN INTEGRAL DESIGN APPROACH WITH MODU-LARITY AND RECONFIGURABILITY FEATURES ARE PROVIDED TO THE STUDENT.



THE INTERDISCIPLINA-RY NATURE OF THE COURSE ENABLES STU-DENTS TO DEVELOP A WIDE RANGE OF TRANSFERABLE SKILLS: OUR STUDENTS ARE ABLE TO SOLVE ENGI-NEERING PROBLEMS THROUGH LABORATO-

RY EXPERIMENTS, NUMERICAL SIMULATIONS AND ANALYSIS OF RESULTS IN THE THREE CORE AREAS OF THE COURSE.

THIS COURSE, HELD IN ENGLISH, IS PLACED IN AN INTERNA-TIONAL CONTEXT, ENABLING THE STUDENT TO BECOME MORE EASILY INTEGRATED INTO NATIONAL AND INTERNATIONAL PRO-DUCTIVE REALITIES.



CAREER OPPORTUNITIES

THESE ROLES ARE REQUIRED IN DESIGN, MANUFACTURING OR SER-VICE COMPANIES THAT APPLY MECHATRONIC TECHNOLOGIES FOR THE MONITORING AND OPTIMIZA-TION OF ELECTRONIC AND MECHAN-ICAL EQUIPMENT IN CIVIL, INDUSTRI-AL AND GOVERNMENT SECTORS. APPLICATIONS OF INTEREST RANGE FROM ENERGY SYSTEMS TO THOSE FOR HEALTH AND THE ENVIRON-MENT, MECHATRONIC SYSTEMS FOR INDUSTRY, SPACE AND SECURITY SYSTEMS.

HOW TO APPLY

THE PRE-ENROLLMENT STARTS ON NOVEMBER FOR THE NEXT ACADEMIC YEAR

- A FIRST-LEVEL (3-YEARS) UNIVERSITY DEGREE IN ENGI-NEERING OR EQUIVALENT.
- CURRICULUM VITAE IN ENGLISH.
- A CERTIFICATE OF ENGLISH LANGUANGE, OR IN EXCEP-TIONAL CASES MAY BE CONSIDERED AN INTERVIEW IN ORDER TO ASSESS YOUR KNOWLEDGE OF ENGLISH.



COURSE STRUCTURE

120 ECTS Two-year program

ear	SUBJECTS	CFU	E-M-S
ıst	Innovative Materials with Laboratory	6	M-S
	Kinematics & Dynamics of Mechanism	9	E
	Robot Mechanics	9	M-S
	Mechanics of Materials and Structures	9	Е
	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		М
	Nanotechnology	6	S
	Thermodynamics and Heat transfer	9	Е
	Analogue Electronics	9	М
nd	Electronics of IoT and Embedded Sys- tems	12	E-M-S
	Integrated Sensors	9	E-M-S
	Control of Mechanical Systems	6	E-M-S
	Control of Electrical Machines	6	S
	Measurement Systems for Mechatronics	6	E-S

Students with a Bachelor's degree in

- E Electronics
- S Systems (Mechatronics / Eng.
- ⁵ Sciences Tor Vergata)
- M Mechanics

