

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.

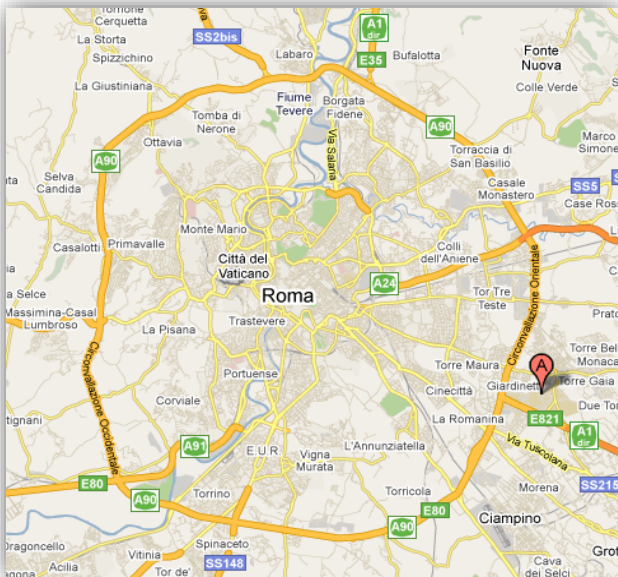
THE MAIN AVAILABLE SERVICES ARE: RESTAURANT, CAFETERIA, MINI-MARKET, LAUNDRY, SPORTING CENTER AND SHUTTLE TO SUBWAY STATION.

WWW.CAMPUSX.IT/CXROMA/INTERNATIONAL



TUITION FEES

UNIVERSITY TUITION FEES VARY DEPENDING ON FAMILY INCOME. FOR DETAILS, PLEASE CHECK OUR WEBSITE.



INFO AND CONTACTS



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BUILDING OF "INGEGNERIA DELL'INFORMAZIONE"
ROOM BT-01 GROUND FLOOR

OFFICE HOURS: MONDAY TO THURSDAY
10:00 AM - 1:00 PM
3:00 PM - 4:30 PM



WEBSITE: ENGINEERING-SCIENCES.UNIROMA2.IT



published by Simona Ranieri

Università degli Studi di Roma "Tor Vergata"
Today, the University of Tomorrow



BACHELOR DEGREE IN
**ENGINEERING
SCIENCES**

web.uniroma2.it

IN SHORT

OUR COURSE PROVIDES STUDENTS WITH A SOLID BACKGROUND IN THE CORE DISCIPLINES AND SPECIFIC PREPARATION IN MECHANICS, ENERGETICS AND ELECTRONICS. THE INTERDISCIPLINARY NATURE OF THE COURSE ENABLES STUDENTS TO DEVELOP A WIDE RANGE OF TRANSFERABLE SKILLS: OUR STUDENTS ARE ABLE TO SOLVE ENGINEERING PROBLEMS THROUGH LABORATORY EXPERIMENTS, NUMERICAL SIMULATIONS AND ANALYSIS OF RESULTS IN THE THREE CORE AREAS



OF THE COURSE. OUR GRADUATES ARE HIGHLY VALUED BY INTERNATIONAL COMPANIES THAT SEEK YOUNG PROFESSIONALS WITH EXCELLENT OPERATIONAL SKILLS, FLUENT USE OF ENGLISH AND WHO ARE ABLE TO ENGAGE CRITICALLY WITH A RANGE OF DIFFERENT MATERIAL. MOST OF OUR GRADUATES ALSO GO ON TO FURTHER STUDY IN MASTER OF SCIENCES EITHER IN ITALY OR ABROAD.

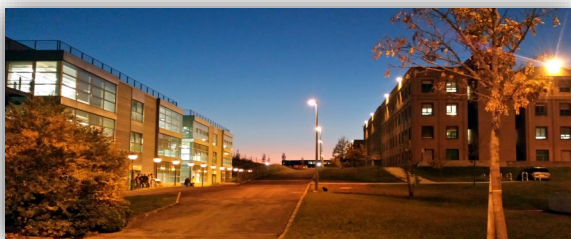
HOW TO APPLY

ITALIAN CITIZENS HOLDING AN ITALIAN HIGH SECONDARY SCHOOL QUALIFICATION

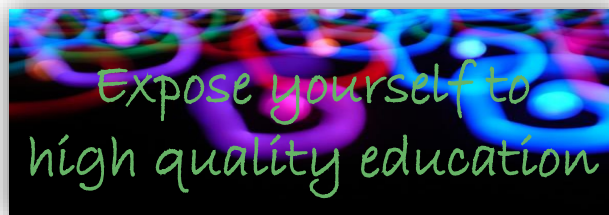
ACCESS IS FREE FOR ITALIAN STUDENTS WITH A MANDATORY ADMISSION TEST OF THE KNOWLEDGE REQUIRED FOR ADMISSION TO THE COURSE. THE TEST RESULT DOES NOT PRECLUDE THE POSSIBILITY OF MATRICULATION (D.M. 270/2004).

FOR NON-EU APPLICANTS RESIDENT ABROAD

- SUBMIT THE ONLINE ASSESSMENT FORM.
- IF YOUR ONLINE ASSESSMENT IS ACCEPTED, YOU WILL BE INVITED TO SIT A SKYPE INTERVIEW WITH PROF. ROBERTO VERZICCO TO ASSESS MOTIVATION, ENGLISH LEVEL AND SCIENTIFIC BACKGROUND.



MULTIDISCIPLINARY LABORATORIES



SOME OF THE CLASSES INCLUDE PRACTICAL LABORATORY ACTIVITIES BOTH IN ELECTRONICS AND IN MECHANICS. ALL 3RD YEAR STUDENTS HAVE THE OPPORTUNITY TO JOIN THE MULTIDISCIPLINARY VELOLAB PROJECT.



STUDENTS WILL ASSEMBLE A VELOMOBILE STARTING FROM A KIT OF BASIC COMPONENTS. STUDENTS WILL ALSO PERFORM ENGINEERING ACTIVITIES FOR THE STRUCTURAL, AERODYNAMIC AND INSTRUMENTAL OPTIMIZATION OF THE VEHICLE.



COURSE STRUCTURE

180 ECTS FOR 3 YEARS

SUBJECTS	YEAR
Engineering Economics	1
Fundamentals of Chemistry	1
Fundamentals of Computing	1
Linear Algebra and Geometry	1
Mathematical Analysis I	1
Physics I	1
Analogue Electronics	2
Electrical Network Analysis	2
Feedback Control Systems	2
Mathematical Analysis II	2
Mechanics of Materials and Structures	2
Physics II	2
Thermodynamics and Heat Transfer	2
Digital Electronics	3
Kinematics and Dynamics of Mechanisms	3
Energy Systems	3A
Fluid Machinery	
Machine Design	
Manufacturing Technologies	3B
High Performance Electronics	
Laboratory of Sensors	
Experimental Electronics	3C
VLSI Circuit and System Design	
Digital Signal Processing	
Electromagnetic Fields	3C
Fundamentals of Telecommunications	
Networking and Internet Protocols	
Foreign Language	

A = MECHANICAL/ENERGY ENGINEERING

B = ELECTRONIC ENGINEERING

C = ICT AND INTERNET ENGINEERING