



# TOR VERGATA

UNIVERSITY OF ROME



*Today, the University  
of tomorrow*



**COURSES HELD  
IN ENGLISH**

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“ Teaching and the search for quality, internationalisation and interdisciplinary approach: these are our keywords at Tor Vergata.

A University that is open to the world, a campus dedicated to ground-breaking training, basic and applied research and invention.

A University that pledges to create competence and to give talents value, to support entrepreneurship, to create ties with local stakeholders as well as with the civil society in order to spread culture, ideas and projects.



# Welcome to the University of Rome Tor Vergata



Our objective is to nurture intelligence in the young people who come to Tor Vergata to both study and do research, as well as to attend training courses in line with market needs. Such courses build capacities and skills to fit with our rapidly changing world – beyond national borders and towards a professional and entrepreneurial future in all fields. Today, this is the University of tomorrow. Studying at our University means building your own future from today.



**Giuseppe Novelli**

Rector of the University of Rome Tor Vergata

The University of Rome Tor Vergata was founded in **1982**. It is ranked among the world's Top 100 less-than-50-year old Universities by both QS<sup>®</sup> and Times Higher Education<sup>®</sup>.

It is a public university with competitive tuition fees and modern student facilities, and in little more than 30 years "Tor Vergata" has become one of the most important Italian universities: **33,000**

**students enrolled in 106 graduate programmes (Bachelor, one-cycle, MSc or MA degree courses), 140 postgraduate courses, 47 specialisation schools and 32 PhD programmes, taught either in**

**Italian or in English.**

**The Campus** is about 40 minutes tube ride from the historical city centre of the "Eternal City" Rome and 20 minutes far from the peaceful Castelli Romani area, notorious for its vineyards and hillside landscape.

Our **six Schools (Economics, Engineering, Humanities and Philosophy, Law, Medicine and Surgery, and Mathematical, Physical and Natural Sciences)** are located in a vast 600-hectare campus. Each School is provided with its own library,

teaching and research facilities, reading rooms, laboratories, canteens and green areas where students can experience a real campus life.

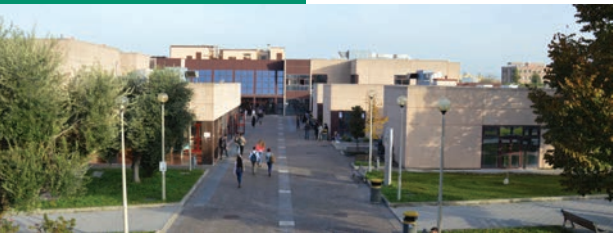
The **School of Medicine and Surgery** is part of the important University Hospital compound, the Policlinico Tor Vergata (PTV), where students can benefit from health care and physical emergency assistance.

Furthermore, Villa Mondragone, one of the most beautiful amongst the Tuscolana villas, has become the University of Tor Vergata Congress Centre. It is remembered as the "House of Life" for having hosted and saved children from the Holocaust. Many prestigious national and international congresses are held yearly held at Villa Mondragone.

**Studying in Rome** will add an amazing cultural perspective to the quality of your studies. You will live in a city where you can perceive the passing of time simply by strolling across its central streets: ancient, Middle-Age, Renaissance, Baroque, Neoclassicism and Modern Rome are ready to be discovered.

It is a centre for inter-religious debate and a place where the founding Treaty for the European Union was signed. In Rome you will be able to enjoy all this, surrounded by a gentle climate, arts and music, fashion and food.

**Rome embraces Tor Vergata: let Tor Vergata embrace you!**



## Who we are

## Tor Vergata: facts and figures

**18**  
Departments

**6**  
Libraries

**350**  
classrooms

**29**  
computer labs

**33,000**  
registered students

**106**  
graduate programmes

**140**  
postgraduate courses

**47**  
specialisation schools

**46%**  
graduates who find a job within one year after their graduation (41% of the national average)

**83%**  
on-time graduates

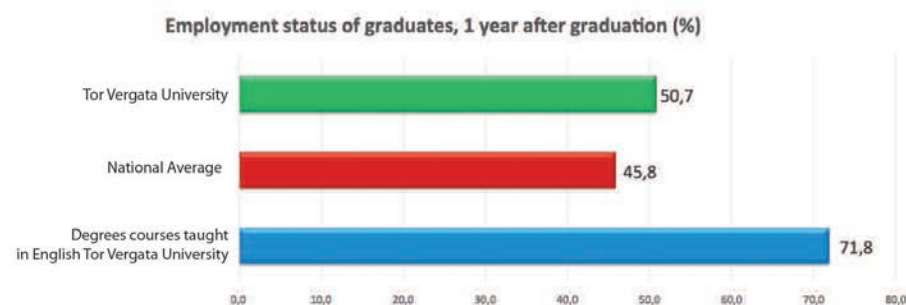
**18**  
International courses  
**15** courses taught in English: 3 Bachelor degree courses and 2 one-cycle degree courses completely in English 7 Master's degree courses completely in English, 3 new Master's degree courses; 3 courses taught in Italian with curricula in English

**32**  
PhD programmes taught in Italian or English

**16**  
Double/joint degree programmes

**879**  
international agreements with Universities

**The employment status of the University of Rome Tor Vergata graduates is higher than the national average**

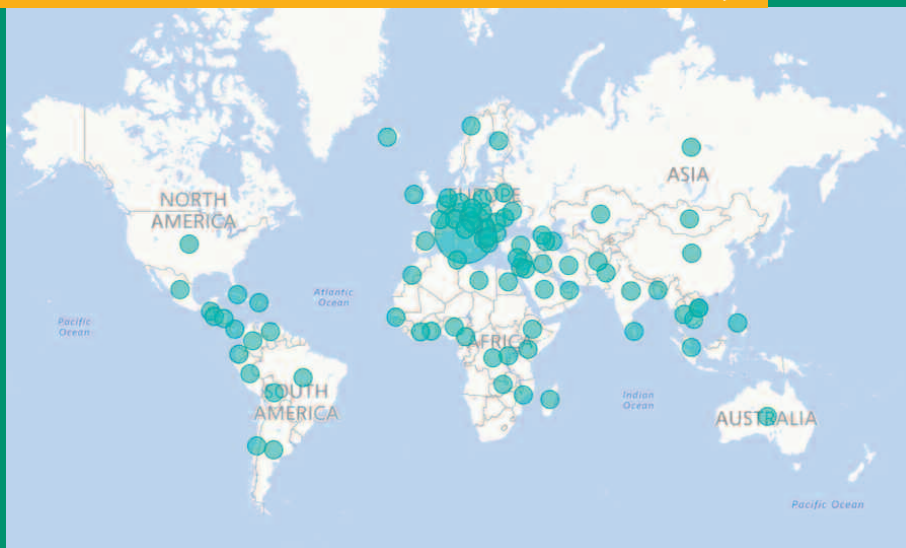


Source: Almalaurea 2017





**120 countries** are represented among Tor Vergata students community



# Why Tor Vergata

## International

### Networks

Tor Vergata University is recognised for its prestigious international memberships and for its English-based teaching activities. Among its affiliations, Tor Vergata is part of three important networks:

**YERUN** (Young European Research Universities Network), which is composed of young European universities with accredited international presence, aims at creating collaborations of both research and teaching activities like dual degrees and student exchanges ([www.yerun.eu](http://www.yerun.eu)).

**VIU** (Venice International University) is a network of prestigious worldwide Universities, which provides our students with an exchange semester in Venice to study topics connected to globalisation. In doing so, it enriches their learning experience by means of interdisciplinary knowledge ([www.univiu.org](http://www.univiu.org)).

**UNICA** (Network of Universities from the Capitals of Europe) was founded in 1990. It is currently made up of 46 universities from 35 capital cities of Europe, combining over 150,000 university staff and 1.800,000 students ([www.unica-network.eu](http://www.unica-network.eu)).





## Research Projects

The University of Rome Tor Vergata has **20 European Research Council (ERC) grants** in Physical Sciences & Engineering, in Life Sciences and in Social Sciences. The ERC supports individual researchers of any nationality and age who wish to pursue their frontier research. The ERC encourages in particular proposals that cross disciplinary boundaries, pioneering ideas that address new and emerging fields and applications that introduce unconventional, innovative approaches.

The University of Rome Tor Vergata hosts many **Marie Skłodowska-Curie actions (MSCA)**. The Marie Skłodowska-Curie actions support researchers at all stages of their careers. Researchers working across all disciplines are eligible for funding. The MSCA also supports industrial doctorates, combining academic research study with work in companies, and other innovative training that enhances employability and career development.

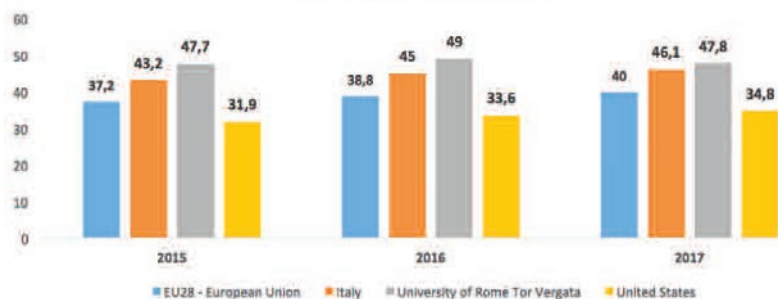
Tor Vergata University presents **higher values of research indicators than the national and European average in the following fields:**

- Outputs in Top Citation Percentiles (number of publications in the top 10% most cited publications worldwide)
- International collaboration (publications co-authored with institutions in other countries)

Output in top Citation Percentile (top 10%)



International Collaboration



Source: Scival – Elsevier

*We're here  
to support  
your ideas!*

If you enroll at **University of Rome Tor Vergata**, you will be able to develop your **project!** We help you tailor the support you need to fit the specific challenges of your innovative idea. The University of Tor Vergata aims at creating, preserving, integrating and transmitting knowledge, but also at applying knowledge from an innovative and interdisciplinary point of view. One of Tor

Vergata's goals is to create collaboration for developing ideas and talents to be discovered by industries, dealing with institutions and territory, in order to create a new future. Below is a list of some of the most inspiring and successful startups and research projects by Tor Vergata students:

**Start Cup Lazio initiative** The University of Rome Tor Vergata, within Rome Science Park activities, promotes **Start Cup Lazio**, the Business Plan Competition, which is part of the National Award for Innovation sponsored by **PNICube** (Italian Association of University Incubators and Business Plan Competition). The objective of the initiative is to promote the economic development of the territory by encouraging the growth of new business ideas emerging from research activities carried out by young researchers. Through the Start Cup Lazio initiative, all teams of candidates have the opportunity to verify whether their idea is innovative and compliant to market prerequisites. The selected teams have access to a training path, based on coaching and mentoring activities. At the end of training activities, teams receive support and assistance in drafting the business plan and in setting up a **new spinoff**. The best three business plans receive cash prizes and access to the National Innovation Award (PNI).

### Tor Vergata prototype race car

"Scuderia Tor Vergata" is a project born from the passion of a team composed of young students. Thanks to the diligence and the competence of each Member, they are growing day by day: students design, build, test and promote the University prototype race car.



The University of Rome Tor Vergata started an ongoing dialogue with institutions and businesses, offering support to the creation and development of innovative enterprises. Tor Vergata has a **Startup Incubator**, which is free and aimed at students wanting to start or grow entrepreneur-driven ventures.

<http://www.parcoscientifico.eu/>



# Italian University System

The Italian university system is organised in three cycles, according to the Bologna Process which ensures standards comparability in the quality of higher education qualifications among European Institutions.

A brief overview:

- Bachelor of Science or of Art (Bachelor degree)  
B.A./B.Sc. - duration 3 years - 180 ECTS
- Master of Arts or Master of Science  
M.A./M.Sc. - duration 2 years - 120 ECTS
- One-cycle degree - Undergraduate  
M.A./M.Sc. - duration 5/6 years - 300/360 ECTS
- PhD - Doctoral degree - duration 3 years

The system also offers other post-graduate courses (typically 1 year, 60 ECTS):

- First Level Specialising Master (access with B.A./B.Sc.)
- Second Level Specialising Master (access with M.A./M.Sc. or Undergraduate M.A./M.Sc.)
- Post-Graduate Training Course (so called "Corsi di Perfezionamento"; for access please inquire the course staff)
- Specialization School (access with M.A./M.Sc. or Undergraduate M.A./M.Sc.)





# Do you want to study in Italian at Tor Vergata? *Join One of Our Schools!*






- School of Economics
- School of Engineering
- School of Humanities and Philosophy
- School of Law
- School of Mathematical, Physical and Natural Sciences
- School of Medicine and Surgery



If you are not a native Italian speaker and you intend to apply for an Italian-taught undergraduate or graduate programme, it is mandatory that you hold a level B2 in Italian language. Non-EU students residing outside Italy must provide one of the certificates recognised by the Ministry of Education, Universities and Research (MIUR) attesting a B2 level in Italian, or take the Italian language test held at the University prior to the beginning of the academic year.



# Do you want to study in English at Tor Vergata?

 Bachelor's Degree
  Master Degree
  One-Cycle Degree
  PhD Courses multilingual
 

## School of Economics

-  B.Sc. in Business Administration and Economics
-  B.A. in Global Governance


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-  M.Sc. in Business Administration
-  M.Sc. in Economics
-  M.Sc. in European Economy and Business Law
-  M.Sc. in Finance and Banking




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-  Economics and Finance
-  Management





## School of Engineering

-  B. Sc. in Engineering Sciences

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-  M.Sc. in ICT and Internet Engineering
-  M.Sc. in Chemistry for Nano Engineering (new)
-  M.Sc. in Mechatronics (new)

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-  Computer Science, Control and Geoinformation
-  Electronic Engineering
-  Design, Manufacturing and Operations Engineering
-  Industrial Engineering

## School of Medicine and Surgery

-  One-cycle degree in Medicine and Surgery

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-  M.Sc. in Physical Activity and Health Promotion

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-  Experimental Medicine and Systems
-  Immunology, Molecular Medicine and Applied Biotechnology
-  Medical Biotechnologies and Translational Medicine
-  Microbiology, Immunology, Infectious Diseases, Organ Transplant and Related Diseases

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-  Molecular Biochemistry and Biology
-  Neuroscience
-  Nursing Sciences and Public Health
-  Medical-Surgical Sciences
-  Tissue Engineering and Remodeling Biotechnologies for Body Functions

## School of Mathematical, Physical and Natural Sciences

-  One-cycle degree in Pharmacy



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-  M.Sc. in Biotechnology
-  M.Sc. in Physics (curricula in English in Astrophysics, in Physics for Instrumentation and Technology and in Physics of Complex Systems and Big data)
-  M.Sc. in Science and Technology of materials (curriculum in English in Photonics)




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-  Chemical Sciences
-  Evolutionary Biology and Ecology
-  Materials for Health, Environment and Energy
-  Molecular and Cellular Biology
-  Mathematics
-  Astronomy Astrophysics and Space Science
- (The course is activated on alternate years at Universities of Rome Tor Vergata and Sapienza)

## School of Humanities and Philosophy

-  M.A. in History and Sources Studies (curriculum in English in European History)
-  M.A. in Art History in Rome from Late Antiquity to the Present (new)

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-  Cultural Heritage, Education and Territory
-  Philosophy
-  Comparative Studies: Linguistics, Literature and Art History

## School of Law

-  Law and Protection: Contemporary Experience, Comparison, Roman Law



## *School of Economics* **B** **Business Administration and Economics**

### **Description**

The programme is aimed at equipping students with competencies and conceptual and methodological tools necessary to cope with the complexity of our worldwide economy, and with the internal dynamics of organisations and institutions that elaborate their strategies to survive and succeed in it. The programme presents a multidisciplinary approach, dealing with concepts and models from Management, Economics, Finance and Quantitative Methods. After two years of foundational courses, students will be able to select their area of expertise choosing between Business Administration and Economics, to be pursued during the third year. The international context supports our students in their ability to strengthen their own integration and competition, which we strongly believe are fundamental.

### **Career Opportunities**

Graduates will acquire the appropriate skills for the interpretation and management of competitive settings, characterised by rapid technological innovation processes. Such graduates will thus fit well as operators in multinational companies and innovative SMEs, with qualifications for industry analysis, business development and expertise in corporate strategy, business consulting, technology auditing, managing of intellectual property rights, and with an expertise in technology transfer, among others.

Through an interdisciplinary teaching offer, the course also trains professionals to operate in the area of business consulting, in particular, in the context of professional services such as accountants or labour consultants. Moreover, placement is encouraged in business management areas particularly in Operations, Control and Human Resources Departments.

The curriculum in English reinforces students' profiles by supporting the internationalisation of firms. The efficiency and the characteristics of the proposed training effectively provide the need for a solid education, which could be placed among public and private organisational decision-makers at international level.

### **Web References and Contacts**

Coordinator: Professor Luca Gnan

Contacts: [silvia.tabuani@uniroma2.it](mailto:silvia.tabuani@uniroma2.it) and [students@economia.uniroma2.it](mailto:students@economia.uniroma2.it)

Website: <http://economia.uniroma2.it/ba/business-administration-economics>

### **General Information**

- Course type: Bachelor's Degree
- Duration: 3 years
- Department: Economics and Finance
- Access type:  
Open with entry skills test
- Admission: A maximum number of 180 students will be selected on the basis of their skills and aptitude
- Dual degree opportunity:  
Skopje American College - Macedonia  
HSE - National Research University Higher School of Economics, St.Petersburg, Russian Federation





# School of Economics **B** Global Governance

## Description

The Bachelor of Arts in Global Governance offers interdisciplinary teaching, which aims to prepare professionals to face global challenges that require specific legal and economic competences, as well as a wide range of technical knowledge and skills to manage cultural mediations. National and international political institutions, international organisations and non-governmental organisations are increasingly seeking profiles with interdisciplinary knowledge and skills: our course satisfies these prerequisites by involving professors from various disciplinary sectors such as Arts and Humanities, Economics, Engineering, Law, Medicine and Sciences.

## Career Opportunities

Graduates in Global Governance can continue their University studies with Master Degrees either in Italy or abroad in areas such as: International Relations, International Law, Development and Cooperation, Business, Economics, Environmental Studies, Politics Philosophy and Economics, Statistics. In Common Law countries students can also enrol into vocational courses for legal careers.

Moreover, graduates can directly enter the workplace: their specific training enables them to use their skills in a variety of fields within either public or private sector. Particular reference is made to:

- European and international institutions, agencies and organisations;
- National and local public administrations;
- Trade unions, trade associations, political associations and third sector associations operating at a national and supranational level;
- Strategic consulting;
- Journalism and new media at both national and international level;
- Private companies operating at national and multinational level in Business Internationalisation Consulting, Marketing, Personnel Management, Statistics and dealing with the Administration;
- Non-profit organisations and non-governmental organisations.

## Web References and Contacts

Coordinator: Professor Gustavo Piga

Contacts: [global.governance@uniroma2.it](mailto:global.governance@uniroma2.it)

Website: <http://www.globalgovernance.it>

## General Information

- Course type: Bachelor's Degree
- Duration: 3 years
- Department: Economics and Finance
- Access type: Open with curricular skills evaluation
- Admission: Applicants must submit an on-line application first. Then they will be evaluated by the Admission Committee composed of Professors who are members of the teaching staff
- Dual degree opportunity: HSE - National Research University Higher School of Economics, St.Petersburg, Russian Federation





## Master Business Administration



### Description

The Master of Science in Business Administration is a two-year programme taught entirely in English, internationally open, practice-oriented and job-market driven. It is built upon seven common core courses in the first year and on seven different specialisation fields that can be chosen in the second year. The seven specialisation fields are: marketing & sales, control & auditing, supply chain, human resources, management consulting, entrepreneurship and social innovation & government.

The goal is to prepare managers with a solid cultural background as well as with specific knowledge and tools in their area of specialisation, supporting them for an internationally-open career path. During the programme, our students will have the chance to do internships in Italy, in Europe or in Asia, as well as they will be supported in preparing their CVs and getting ready for job interviews.

### Career Opportunities

This Degree trains professional profiles with supervisory/management/consultancy functions mastering expertise in key business functions such as Consulting, Marketing, Personnel, Control & Accounting, Public Administration and Non-profit Organisations

Since most professionals change their job (and collaborators) many times during their career, the 'general' subjects and flexibility of this programme allow future managers to quickly fit the rapidly changing environment characterising the corporates world.

### Web References and Contacts

Coordinator: Professor Corrado Cerruti

Contacts: [studyba@uniroma2.it](mailto:studyba@uniroma2.it)

Website: <http://economia.uniroma2.it/master-science/ba>

### General Information

- Course type: Master's Degree
- Duration: 2 years
- Department: Management and Law
- Access type: Open with curricular skills evaluation
- Admission: Selection is based on academic standing, CV, motivation letter, reference letter, level of knowledge of English language. Italian applicants can choose not to submit any reference letter
- Dual degree opportunity: Capital University of Economics and Business (CUEB) - China





# School of Economics

## Master of Sciences in Economics

### General Information

- Course type: Master's Degree
- Duration: 2 years full-time
- Department: Economics and Finance
- Access type: Open with curricular skills evaluation
- Admission: Applicants must hold a three-year degree with preference to students from Economics or quantitative degrees. They must submit an online application first and then they will be evaluated by the Admission Committee.
- University of Konstanz – Germany; University of Gothenburg –Sweden

### Description

The Master of Science in Economics (LM-56) is a full time two-year programme, taught entirely in English. It is a programme of scientific excellence and it is designed for students who wish to train as professional economists and pursue a career in economic research or in public policy in national and international institutions, universities and consultancy firms. The M.Sc in Economics has an excellent track record in enrolling students in PhD programmes in top European and US Universities, and it offers a whole set of new courses and opportunities for students interested also in more applied public policy. To integrate theory and practice, we organize free courses including Python and LateX and for Thomson Reuters certifications. Our first year students have the possibility to apply to the Dual Degree Programme. The selection is based on merit and the students will receive a financial support. The selected students will spend their second year at the University of Gothenburg or at the University of Konstanz.

### Career Opportunities

This Degree trains students to become professional economists and researchers working in national and international institutions, consulting firms and research centres. The skills acquired favour a theoretical and empirical understanding of the functioning of markets and knowledge of how to design and implement economic policies. Our students have found placements at institutions and companies such as ECB, FAO, IFAD, Lear, OECD, World Bank. Furthermore, this Degree represents the preliminary step for those who wish to undertake an academic career and continue their studies with a PhD in Economics in international universities. Many former students have been accepted into qualifies PhD programmes at worldwide leading universities. Refer to the programme website for more detailed information about our Alumni.

### Web References and Contacts

Coordinator: Professor Daniela Vuri

Contacts: [msc\\_econimics@economia.uniroma2.it](mailto:msc_econimics@economia.uniroma2.it)

Website: <http://economia.uniroma2.it/master-science/economics>







*School of Economics*   
**Master in European  
Economy and Business Law**

#### **Description**

MSc in European Economy and Business Law provides students with a competitive advantage in the field of economics, European institution management and market regulation. The Msc is directed to students from different backgrounds. With its interdisciplinary, problem-solving approach and interactive teaching methods, the programme aims at developing advanced knowledge, competences and critical skills. The purpose of the programme is to meet the demand for legal, economic and business expertise with a focus on: European institutions and international organisations - Research institutions - Government and non - governmental agencies - Business consulting firms - National and local public administrations.

#### **Career Opportunities**

This Degree is aimed at candidates wishing to pursue a career at an international level in order to organise and manage public and private international bodies or trade companies. The professional profile of graduates in European Economy and Business Law meets the expertise standards required by:

- European and international institutions
- Companies and corporations
- National Public Administration
- Research institutes and Universities

In recent years, statistics have shown that approximately 96% of graduates in European Economy and Business Law find work within the first three months after graduation. The most prestigious professional roles include management functions, management of specialistic economic systems and legal experts within institutions and either national or transnational companies: Poste Italiane, Telecom, Unicredit, Deloitte, Ernst & Young, Ryanair.

This Degree also enables graduates to continue their academic career with postgraduate programmes (2nd-level Vocational Master and PhD).

#### **Web References and Contacts**

Coordinator: Professor Leonardo Becchetti

Contacts: [msc\\_eebl@economia.uniroma2.it](mailto:msc_eebl@economia.uniroma2.it)

Website: <http://economia.uniroma2.it/master-science/eebl>

#### **General Information**

- Course type: Master's Degree
- Duration: 2 years
- Department: Finance and Economics
- Access type: Open with curricular skills evaluation
- Admission: Selection is based on academic standing, CV, motivation letter, reference letter, knowledge of English
- Dual diploma opportunity: School of Oriental and African Studies (SOAS) - UK





School of Economics   
**Master of Sciences in  
Finance and Banking**

### Description

The Master of Science in Finance and Banking (LM-16) is a full time two-year programme designed to provide theoretical and practical skills needed for a successful career in the financial sector. To integrate theory and practice we make an extensive use of MatLab, we analyse news and market data with Thomson Reuters Datastream and Eikon, and compare investment funds with Morningstar extensive database. For a closer interaction with the members of the Faculty, we select a small group of highly motivated students. The majority of our graduates are employed in consultancy, banks, and insurance companies, whereas some of them continue their studies in qualified PhD programmes. A dedicated office follows the students' path before and after their graduation and meetings with finance professionals are regularly organised to provide our students with contacts and advice for a smooth access to the job market. We also offer a Dual degree in cooperation with the University of Gothenburg and with the Kozminski University. Some scholarships, based on merits and financial needs, are available.

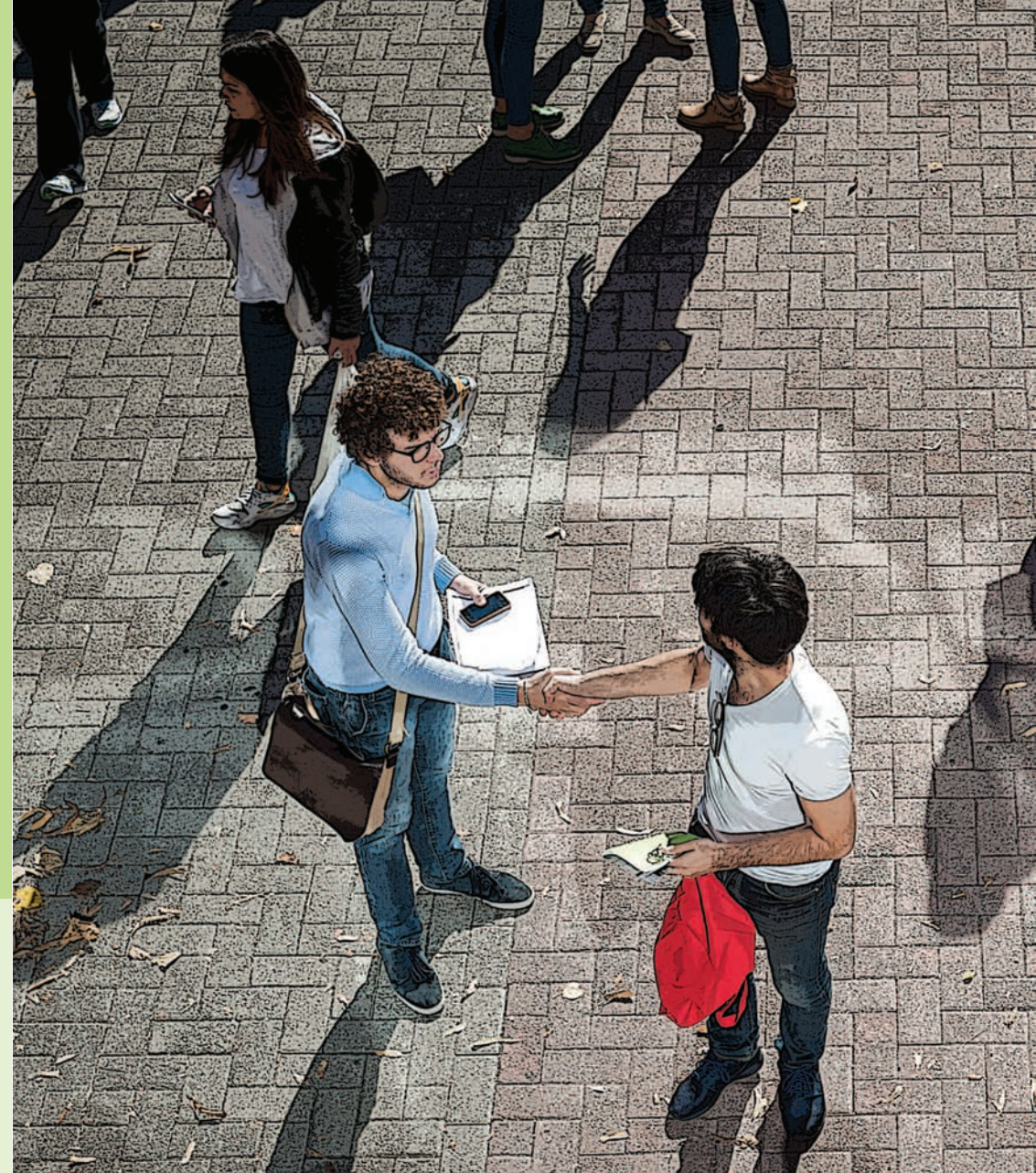
### Career Opportunities

The course trains risk managers, traders, asset managers, financial engineers, risk consultants, quantitative analysts, experts in financial software who can operate in banks, trading houses, companies managing pension funds, insurance companies, information providers focusing on the design of dedicated management applications. More specifically, it trains professionals with expertise in complex financial instruments and good pricing skills for financial instruments (structured and derivative products):

- managers of complex financial solutions with high assessment and measurement skills relating to financial products, proficiency in mathematical optimisation for portfolio construction, synthesis and management in complex situations, familiarity with computer applications for risk and asset management.
- managers of high-standing customer relationships who can interpret customer needs and work in financial planning and cash flow management; they are able to summarise investors' requirements in a consistent investment/financing proposal. They can perfectly manage interpersonal relations. They can perform as well tasks in Private Banking and consultancy for institutional investors.

### General Information

- Course type: Master's Degree
- Duration: 2 years full-time
- Department: Economics and Finance
- Access type: Open with curricular skills evaluation
- Admission: International applicants must have a three year undergraduate degree. Preferences will be given to students with a degree in Economics, Business, Mathematics, Physics, Statistics, and Engineering, but other background will be also taken into consideration, mostly basing on the student's motivation. They must submit an online application first and then they will be evaluated by the Admission Committee.
- Dual degree opportunity: University of Gothenburg-Sweden; Kozminski University – Poland



### Web References and Contacts

Coordinator: Professor Stefano Herzel

Contacts: [m\\_sc\\_finance@economia.uniroma2.it](mailto:m_sc_finance@economia.uniroma2.it)

Website:

<http://economia.uniroma2.it/master-science/financeandbanking>





## School of Economics **PhD** Economics and Finance

The PhD in Economics and Finance is a 4-year full-time programme providing advanced specialization in economics, finance and quantitative methods to students whose goal is to pursue a successful career in academia or in institutions that require first-rate research skills. It offers a distinguished faculty, promoting excellence in teaching and research, and a lively and international research environment. The Department has been recently financed by the Italian Ministry of Education, University and Research under the program "Departments of Excellence". In the first year of the programme students take advanced core courses in microeconomics, macroeconomics, finance and econometrics. After choosing their field of specialization, the subsequent three years are entirely dedicated to research, including attendance and presentation at departmental seminars.

**Coordinator:** Professor Tommaso Proietti  
tommaso.proietti@uniroma2.it

**Website:** <http://www.economia.uniroma2.it/phd/ef/>

### General Information

- Course type: PhD
- Duration: 4 years
- Department: Economics and Finance
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English
- Evaluable qualifications: Graduation Score, List of exams with relative score, Publications, Research proposal, CV, Recommendation letters, Certificate of english language skills OR TOEFL/IELTS score, Results achieved in the attendance of Masters Courses OR GRE - GENERAL TEST score

## School of Economics **PhD** Management

The PhD in Management is a 3-year programme that prepares conducting high-profile research in the field of management, at universities, firms and research centers. It includes three tracks:

- Banking & Finance,
- Business Management & Accounting, and
- Public Management & Governance.

Each track has its own coordinator and focuses on specific research activities, lectures and seminars according to the peculiar research interests covered. The tracks jointly organize a first year intertwined Research Methodology course aimed at developing an appropriate knowledge base for the doctoral students. The scientific progress of the students is monitored through the delivering of activity reports, lecture attendance, and evaluation of yearly assignments. Presenting at national and international conferences and publications are strongly encouraged. The PhD faculty publishes in top-tier journals and has close scientific relationships with renown universities worldwide.

**Coordinator:** Professor Gianpaolo Abatecola  
phd.economiaaziendale@uniroma2.it

**Website:** <http://economia.uniroma2.it/phd/management>

### General Information

- Course type: PhD
- Duration: 3 years
- Department: Management and Law
- Admission conditions: Qualifications evaluation and Written Exam and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English
- Evaluable qualifications: Publications, Research Proposal, Curriculum Vitae







## School of Engineering **B** Engineering Sciences

### Description

The BSc in Engineering Sciences 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. Graduates in Engineering Sciences are highly valued by multinational corporations, large international companies, private and public industries 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.

### Career Opportunities

Graduates in Engineering Sciences have overarching skills in Industrial Engineering and Information Engineering which are crucial for applications where Mechanics, Energetics and Electronics play an equal role. They can primarily think in mechanical and electronic terms without neglecting the aspects related to Management, Energy and Information Technology. This Degree provides access to corporations and large companies with international aspirations requiring professionals able to work efficiently in operational contexts where English is spoken. Possible professional applications include: mechanical computer-aided design, Electronics, Thermo-Mechanics, Electromechanics, plant management and control, production of goods and services within electromechanical industries and energy production and management, technical and commercial companies, innovation management and supply chain. As it is a Bachelor's Degree, students generally complete their education with a Master's Degree either in Italian or in English.

### Web References and Contacts

Coordinator: Professor Roberto Verzicco

Contacts: [verzicco@uniroma2.it](mailto:verzicco@uniroma2.it)

Website: <http://www.engineering-sciences.uniroma2.it>

### General Information

- Course type: Bachelor's Degree
- Duration: 3 years
- Department: Industrial Engineering
- Access type: Skype interview for international students, written entry test for Italian students
- Applicants must submit an on-line assessment form via our platform Delphi which will be reviewed by the Admissions Committee. If the application is approved, applicants will be invited to sit a final Skype interview to assess their academic background, interest in the discipline, motivation in undertaking the course and knowledge of English





# School of Engineering

## ICT and Internet Engineering

### Description

The Master's course of Science in ICT (Information and Communication Technologies) and Internet Engineering provides the skills, methodologies, and technical know-how needed to cope with and exploit the many opportunities about the digital era and the emergence of "smart" networked infrastructures in many application domains (energy, transport, society, security, etc). Students will learn and experiment the variety of aspects about the modern Internet technologies, including, but not limiting to: sensing, monitoring, and cyber-physical systems; telecommunication and networking; software systems and services; cyber-security; advanced techniques for (big) data analytics and pattern recognition, etc.

### Career Opportunities

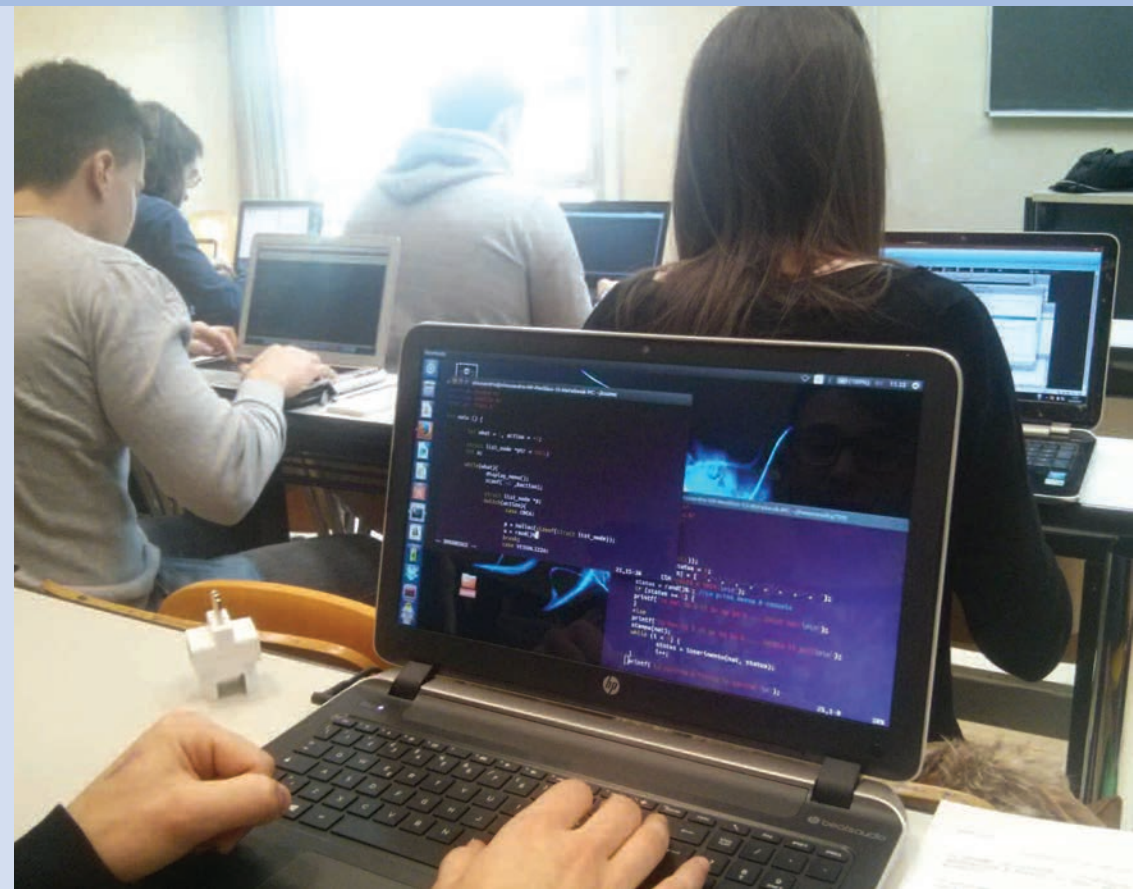
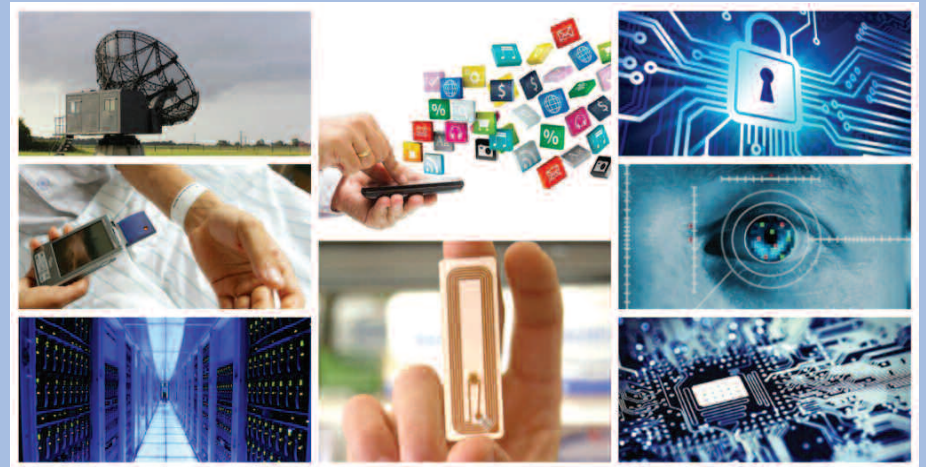
Just as the spread of computers has led to the creation of new jobs, the spread of Internet has also led to the need for new experienced professionals capable of coping with all the problems concerning the Internet-related systems, through a systematic approach that allows developing multidisciplinary solutions, methods and technologies. ICT and Internet Engineering fulfill the need for a new wave of further job opportunities in both technology and service industry, owing to the trend towards big data, smart infrastructures, software-rich networks, Internet of Things, smartphone applications etc. The course offers opportunities in many sectors currently revolutionised by ICT in Italy and abroad: Web-based Systems, Services, Application Design, ICT Technologies, Integration for Web Enterprises, Energy, Health, Environment Protection, Tourism, Automotive, Constructions, Defense, Public Administration, Cybersecurity and last but not least your start-up.

### Web References and Contacts

Coordinator: Professor Silvello Betti  
Contacts: [betti@ing.uniroma2.it](mailto:betti@ing.uniroma2.it)  
Website: <http://internet.uniroma2.it>

### General Information

- Course type: Master's Degree
- Duration: 2 years
- Department: Electronic Engineering
- Access type: Open with curricular skills test
- Admission: Applicants must submit an on-line application first. Then they will be evaluated by the Admission Committee composed of Professors who are members of the teaching staff





School of Engineering   
**Chemistry  
for Nano-Engineering**



### Description

The CNE programme is a joint master programme (Laurea Magistrale) in Chemistry for Nano-Engineering offered by three European universities: Aix-Marseille University (France), Tor Vergata Roma University (Rome), Wroclaw University of science and Technology (Poland).

Mobility scheme. Semester I: Aix-Marseille Univ. Semester II: Wroclaw Univ. Semester III: Rome Tor Vergata Univ. Semester IV: Master Thesis.

The main objectives of the proposed master degree are the following:

- 1) Offering a widely cross-disciplinary training to students in the domain of nano-engineering with a profound understanding of nano-systems synthesis methods.
- 2) Training students in numerical modelling to predict physico-chemical properties of nano-systems.
- 3) Preparing students for a career in nanotechnology by providing a solid background in multidisciplinary areas of nanoscale science and engineering.
- 4) Giving the students a double competence required in the modern nano-science applications: experimental analysis supported by numerical modelling.
- 5) Making a long story short: building the first European Chemical Nano-Engineering Master degree programme.

### Career Opportunities

ChemNanoEng defines new professional requirements relying on the synergistic skills of a solid chemical knowledge combined with a strong engineering and application preparation.

The Master course aims to put on the employment market highly skilled people with a broad culture in nano-science and engineering, with a real capacity to adapt themselves to the quick and numerous technological evolutions of the domain. Having acquired a wide spectrum of knowledge in the field, these people will be able to propose original approaches integrating the various aspects of the problems to be addressed in future nano-engineering challenges.

The target is educating a new generation of engineers who can participate in the development of new high-technology companies. ChemNanoEng enables students to develop a range of professional, scientific and computational skills that will enhance employment opportunities in a wide range of industrial and academic institutions.

### General Information

- Course type: Master's Degree
- Duration: 2 years
- Department: Industrial Engineering
- Access type: Open with curriculum evaluation
- Admission: Bachelor's degree in Chemistry, Physic or Engineering
- Joint degree: Politechnika Wroclawska - Wroclaw University of Technology, Poland and Université d'Aix-Marseille - Marsiglia - France



### Web References and Contacts

Coordinator: Professor Bogdan Kuchta, Aix-Marseille University  
Contacts: bogdan.kuchta@univ-amu.fr; <http://www.univ-amu.fr/faculte-sciences>  
Coordinator University of Rome Tor Vergata: Professor Maria Luisa DiVona  
Contacts: divona@uniroma2.it; <http://ingegneriindustriale.uniroma2.it/>  
Coordinator Wroclaw University of Science and Technology: Professor Szczepan Roszak  
Contacts: szczepan.roszak@pwr.edu.pl; <http://pwr.edu.pl/>  
CNE Administration: Department Chemistry, Aix-Marseille Université - claire.JOSSERAND@univ-amu.fr  
CNE Master Degree official site <https://chimie-sciences.univ-amu.fr/chemical-nanoengineering/>  
CNE Master Degree official site University of Rome Tor Vergata <http://chem-nano-eng.uniroma2.it>





# School of Engineering

## Mechatronics Engineering

### Description

The University of Rome Tor Vergata offers an exciting M.Sc. in Mechatronics Engineering that combines electronics, mechanics, control theory and robotics. This Degree course merges fundamental elements of science, technology and business to prepare second level graduates for a wide range of jobs in the mechatronics industry. It offers core graduate courses taught by research faculty members, alongside with elective courses taught by prominent experts in their fields, in all areas of Mechatronics. The training activity includes lab activities that give students the possibility of gaining valuable hands-on experience and opportunities to build personal and professional networks. Students will also develop specific experiences in industrial labs.

### Career Opportunities

- Jobs in research and development departments, either in university/research institutes or industries, for the design of new mechatronic devices
- Design and management of mechatronic equipment for manufacturing
- Design and development of mechatronic systems for robotic applications
- Design and development of mechatronic systems for automotive applications
- Design and development of mechatronic systems for aerospace applications
- Jobs in research and control laboratories within universities and other public and private research institutes using Mechatronics techniques for automation, transportation, robotics
- Management and quality control in industrial plants
- Design and production of biomedical devices
- Research and development laboratories
- Departments of production and quality control in manufacturing companies and companies interested in mechanical and electronic innovation such as automotive, space, robotics.

Such multidisciplinary training enables students to interact with commercial and research organisations specifically involved in different fields of design and production and to continue their higher-education training, e.g. with Master's Degrees, PhDs and Specialisation Schools.

### General Information

- Course type: Master's Degree
- Duration: 2 years
- Department: Electronics Engineering
- Access type: Open with curricular skills verification. Applicants will be selected considering: 1) English knowledge 2) Academic performance, based on the Grade point average (GPA or CGPA) of exams of undergraduate program 3) Acquired skills, based on the curriculum vitae with the possibility of personal assessment interview/test.
- Admission: For admission to the M.Sc. in Mechatronics Engineering, prospective students must have a Bachelor's degree in Mechatronics, Electronics or Mechanics



### Webreferences and Contacts

Coordinator: Professor Gian Carlo Cardarilli  
Contacts: [info@mechatronics.uniroma2.it](mailto:info@mechatronics.uniroma2.it)  
Website: <http://www.mechatronics.uniroma2.it>



## School of Engineering **PhD** Computer Science, Control and Geoinformation

The PhD Program offers advanced graduate education and cutting-edge research in the areas of computer science and engineering, systems, control, operations research and geoinformation. A rich variety of topics, both theoretical and applied, is developed throughout the program of advanced studies. The main areas covered by the program include control system science, system theory, robotics, algorithms, computer architectures, software engineering, distributed and mobile systems, operating systems, theoretical computer science, computer security, performance and reliability modeling, parallel and high performance computing, operations research, optimization, machine learning, remote sensing, imaging, geospatial analysis, geomatics, IoT, electromagnetics and earth sciences, environmental monitoring, human security and health, analysis of human settlements. The wide and diversified academic offer enables Ph.D. candidates to acquire in the framework of their doctoral thesis solid scientific and methodological knowledge for tackling complex problems, which are typical in today's rapidly evolving technologies.

**Coordinator:** Professor Giuseppe Francesco Italiano

giuseppe.italiano@uniroma2.it

**Website:** <http://www.ce.uniroma2.it/dottorato/>

## School of Engineering **PhD** Electronic Engineering

The Doctoral Program in Electronics Engineering concerns all the state of art aspects on modern Electronics. It is developed in 4 sections which are closely interlinked through joint research activities: (i) Electronic Technologies and Systems; (ii) Telecommunications and Internet; (iii) Sensory and learning systems; (iv) Systems and technologies for space. PhD in Electronic Engineering aims to develop a teaching and research program that reflects the highest standards in the field by exploiting the following features:

- High quality PhD Board staff
- The teaching has a well-defined structure and is divided into core courses, thematic courses, and seminars
- Availability of large structures of the Department of Electronics Engineering (laboratory and computing facilities as well as access to library resources)
- Financial sustainability of the doctorate program
- Well-defined administrative structure within the Department of Electronics Engineering
- International Advisory Committee

**Coordinator:** Professor Aldo Di Carlo - aldo.dicarlo@uniroma2.it

**Website:** <http://www.eln.uniroma2.it/dottorati-di-ricerca/>

### General Information

- Course type: PhD
- Duration: 3 years
- Department: Civil Engineering and Engineering in Computer Science
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English
- Evaluable qualifications: Research Proposal and anything else the candidate deems appropriate

### General Information

- Course type: PhD
- Duration: 3 years
- Department: Electronic Engineering
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any degree relevant to Engineering, Statistics, Mathematics, Physics and Materials Sciences
- Language/s required for the Oral exam: English
- Evaluable qualifications: Research Proposal, Motivational letter and anything else the candidate deems appropriate

## School of Engineering **PhD** Design, Manufacturing and Operations Engineering

The PhD program is intended for applicants having a superior degree on Mechanical Eng. or other equivalent degree; focusses on the deep knowledge of the theoretical, design and methodological aspects concerning industrial technologies. Interdisciplinary knowledge will be given, all concerning a coherent scientific method, based on the synergy of modelling capabilities, experimental competence and data interpretation, so that the search of optimal solutions is likely. Above competences are always required in innovation developments, in original process technologies and in the tuning of production activities. At the end of the three-year program the PhD students will have an advanced experience that allow him to demonstrate competences in all tasks concerning technological innovations in the mechanical field. In every research activity, the analysis comprehends all aspects involved in the life of product; from the design, the reliability of products, the life-end and possible reuse.

**Coordinator:** Professor Pietro Salvini - salvini@uniroma2.it

**Website:** <http://ipri-phd.uniroma2.it/>

## School of Engineering **PhD** Industrial Engineering

The problems of modern industry are more and more complex and require an intersectorial and interdisciplinary approach. In several cases the experimental techniques and the methods of calculus, modelling and simulation, typical of engineering must be supported by the specific knowledge of other disciplines, therefore experts of chemistry, applied physics, medicine are present in the scientific panel. In our PhD different competences meet to produce new projects and to realize machines, products and services of practical use. The spirit of the PhD programme is to train young researchers to become "problem solvers". The main cultural and scientific themes of the PhD programme in Industrial Engineering are: (i) Materials and Productive Processes; (ii) Energy and Environment; (iii) Micro-technologies and Devices for Biomedical and Nuclear applications; (iv) Technology for Medicine and Sports; (v) Chemical, Mechanical, Thermal and Optical Measurements; (vi) Technology and Methods for Cultural Heritage.

**Coordinator:** Professor Roberto Montanari

roberto.montanari@uniroma2.it

**Website:** <http://phdindustrialengineering.uniroma2.it/>

### General Information

- Course type: PhD
- Duration: 3 years
- Department: Enterprise Engineering "Mario Lucertini"
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any degree relevant to Engineering, Physics, Chemical Sciences, Industrial Design
- Language/s required for the Oral exam: English or Italian
- Evaluable qualifications: Research proposal and anything else the candidate deems appropriate

### General Information

- Course type: PhD
- Duration: 3 years
- Department: Industrial Engineering
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English
- Evaluable qualifications: Anything the candidate deems appropriate except for the Research Proposal





## School of Medicine and Surgery

# Medicine and Surgery

### Description

Medicine and Surgery is a six-year Master Degree course entirely taught in English. Our aim is to provide students with the knowledge and tools to become successful graduates who can have a biomedical, psychological and social perspective of the medical profession. The course is characterised by a multidisciplinary and integrated approach in disease prevention and health promotion. We teach our students in a patient-oriented environment, involving GP surgeries and Hospitals integrating scientific principles learnt from lectures and applying them in real-life situations. We also strive to develop new models for clinical reasoning and engage students to develop logical thinking during clinical practice. Students will learn the newest advancements in medical technology, allowing them to get a fundamental understanding which is appropriate for medical science in the 21<sup>st</sup> century.

Furthermore, such medical training is also considered the first step of a long-lasting education: hence, proper importance is given to self-learning, epidemiology and experiences both in hospitals and in the very field. In this way, clinical reasoning and prevention culture are developed.

The teaching process relies on modern educational tools, such as tutorial systems, clinical trigger, problem-oriented learning, experiential learning, problem solving, decision making and extensive use of seminars and conferences.

The presence of tutoring teachers is strong: they are involved in students' training processes with teaching functions (i.e. area tutors) and support functions (i.e. personal tutors).

Particular attention is paid to the acquisition of practical skills.

### Career Opportunities

Graduates from the School of Medicine and Surgery work as doctors in various roles and different clinical, healthcare and biomedical professional environments. Furthermore, this Master Degree course is required to enroll into Medical Specialization Schools.

### Web References and Contacts

Coordinator: Professor Stefano Marini

Contacts: [medschool@uniroma2.it](mailto:medschool@uniroma2.it)

Website: <http://medschool.uniroma2.it>

### General Information

- Course type: One-cycle Degree
- Duration: 6 years
- Department: Experimental Medicine and Surgery
- Access type: Restricted number of available places
- Admission: Applicants for Medicine and Surgery course can enroll only after having successfully passed the entrance IMAT examination tests required





# School of Medicine and Surgery

## Physical Activity and Health Promotion

### Description

A Master Degree course in Physical Activity and Health Promotion trains graduates who can work as skilled trainers in physical activities, trainers in amateur sports and wellness specialists. All classes and exams are taught in English. Graduates will be able to interact with other professionals such as Medical Doctors and biologists depending from their scientific and skillful competences. In particular, they will be able to cooperate with medical teams to cure and prevent pathologies such as chronic-degenerative diseases (e.g. metabolic syndrome, obesity, hypertension and ischemic heart diseases). Students have the possibility of attending a specific course of study depending on their previous degree either at Tor Vergata or at European and Non-European Universities, which are our partners.

### Career Opportunities

The course trains highly qualified and skilled professionals who can operate in the fitness, wellness and medical fields. As far as fitness is concerned, they can work as: athletic trainers experienced in training methods for leisure physical activities; trainers in a number of fitness disciplines within specific facilities; trainers for individual and group programmes of structured physical activities within equipped centres.

As for the biomedical field, they can operate within specialist medical practices requiring such professional figures.

### Web References and Contacts

Coordinator: Professor Paola Sinibaldi

Contacts: [paola.sinibaldi@uniroma2.it](mailto:paola.sinibaldi@uniroma2.it)

Website:

<http://www.med.uniroma2.it/content/mini-sito-corsi-laurea/attivita-fisica-e-promozione-della-salute-physical-activity-and-health>



### General Information

- Course type: Master's Degree
- Duration: 2 years
- Department: Experimental Medicine and Surgery
- Access type: Open with curricular skills test
- Admission: Applicants must submit an on-line application first. Then they will be evaluated by the Admission Committee composed of Professors members of the teaching staff





School of Medicine and Surgery **PhD**  
**Experimental Medicine  
and Systems**

The PhD program is focused into five research topics in the Internal Medicine area: (a) Metabolic disorders (Obesity, Diabetes, NAFLD, Atherosclerosis) (b) Cardiovascular disorders, (c) Mucosal Inflammation disorders (Inflammatory Bowel Disease), (d) Clinical Oncology, (e) Respiratory disorders. The course is organized in three years with compulsory laboratory attendance. At the beginning of the first academic year, students will be assigned a research project and a laboratory supervisor in accordance with the purpose of the course. Every year a cycle of seminars concerning the PhD program topics will be organized by the Coordinator and the faculty. Seminars attendance is compulsory for PhD students. Doctoral students, following the supervisors' proposal, may be authorized by the coordinator, after consultation with the faculty, to attend training periods at Italian or foreign laboratories to carry out some of the activities related to the achievement of the doctorate project.  
**Coordinator:** Professor Massimo Federici - federicm@uniroma2.it  
**Website:** <http://medicinadeisistemi.uniroma2.it/corsi-di-dottorato/>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Systems Medicine
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any degree relevant to Biotechnology, Medicine, Biology, Chemical Sciences
- Language/s required for the Oral exam: English
- Evaluable qualifications: Anything the candidate deems appropriate except for the Research Proposal

School of Medicine and Surgery **PhD**  
**Immunology, Molecular  
Medicine and Applied  
Biotechnology**

The PhD Course is an innovative interfaculty initiative finalized to provide cutting edge scientific skills in translational medicine. The IMMAB Course aims at achieving the educational target of developing graduated scientists able to conjugate basic and applied science. Main objectives: (i) to develop a cultural and experimental bridge between basic and applied research; (ii) to provide new scientists with a broad grounding in the subject and to prepare them for their scientific and professional futures beyond the scope of the study plan for an individual project; (iii) to facilitate the career opportunities in the fields of medicine, health science, and biomedical research. Educational goals: (i) the achievement of scientific independence and leadership capacity; (ii) the achievement of cutting edge methodological skills in both laboratory and clinical research; (iii) the achievement of high quality knowledge in molecular biology and biomedicine.  
The PhD course will include training periods in world-renowned centers.  
**Coordinator:** Professor Paolo Rossi - rossipa@med.uniroma2.it  
**Website:** [www.scuoladipediatria.it](http://www.scuoladipediatria.it)

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Systems Medicine
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any degree relevant to Biotechnology, Medical Engineering, Medicine and Biology
- Language/s required for the Oral exam: English
- Evaluable qualifications: Anything the candidate deems appropriate except for the Research Proposal

School of Medicine and Surgery **PhD**  
**Medical Biotechnologies  
and Translational Medicine**

The PhD program includes three distinct areas, which have in common a marked focus on translational research applied to medicine: **(a) Biology of Reproduction and Development:** it includes processes underlying male/female gametogenesis, mechanisms of stem cell differentiation and the early phases of embryogenesis. **(b) Biopathology and Innovative Therapies in Hematology:** it focuses on recent advances in biomarkers applied to diagnostics and prognosis in human pathology, genetics and hematology. **(c) Diagnostic Imaging:** it focuses on advanced imaging techniques for the study of morphology and functional aspects with special interest in the cerebral district. Research in this area aims to provide insights for modern applications of interventional radiology. This represents one of the most rapidly evolving fields in medicine, with important impact on treatment of several disease of intravascular and extravascular nature, either benign or malignant.  
**Coordinator:** Professor Francesco Lo Coco  
francesco.lo.coco@uniroma2.it  
**Website:** <http://dottorati.uniroma2.it/index.php/it/english>

School of Medicine and Surgery **PhD**  
**Microbiology, Immunology,  
Infectious Diseases, Organ  
Transplant and Related Diseases**

The PhD Course in Microbiology, Immunology, Infectious diseases, Transplantation and Related Diseases (MIMIT) provides an educational training aimed at the acquisition of basic microbiological and immunological knowledge and at the deepening of some specific topics, with particular attention to the molecular aspects of pathogenesis process involved in the infectious diseases and the host's immune response.  
The PhD student is supported in the research activity by a tutor who has the main task of leading him to acquire autonomy in the creation of a manuscript (knowledge of the literature, drafting of protocols, experimentation, critical interpretation of results, and identification of a journal for publication). It is also desirable to introduce the doctoral student to the necessary steps for fund access or raising as well as to write a project, develop and make reports.  
**Coordinator:** Professor Paola Sinibaldi Vallebona  
sinibaldi-vallebona@med.uniroma2.it  
**Website:** <http://www.mimit.med.uniroma2.it/>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Biomedicine and Prevention
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English
- Evaluable qualifications: Anything the candidate deems appropriate except for the Research Proposal

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Experimental Medicine and Surgery
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English
- Evaluable qualifications: Anything the candidate deems appropriate except for the Research Proposal



*School of Medicine and Surgery* **PhD**  
**Molecular Biochemistry  
and Biology**

The program emphasis is training in research, and each student works closely with members of the staff. The training is performed also in the Department of Biology and in the Department of Chemical Sciences and Technologies, as well as foreign international research Institutions such as the Medical Research Council in UK. The BMB graduate research training is interdisciplinary, with a concentration in one or more of the following areas: Molecular Dynamics, Computational Biology, Drug Design, Structural Biology, Biochemistry and Enzymology, Cell Death Biochemistry, Clinical Biochemistry, Oncogenes and Onco-suppressors, Skin Differentiation and Skin Diseases, Biotechnology, Regulation of Transcription, Cell Cycle Regulation, microRNA. The methods and experimental approaches used to address questions within these areas range from the techniques of molecular biology, protein chemistry, cell biology and biophysics to those of molecular and developmental genetics.

**Coordinator:** Professor Gennaro Melino - melino@uniroma2.it

**Website:** <http://dottoratochimica.uniroma2.it>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Experimental Medicine and Surgery
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any degree relevant to Biotechnology, Chemical Sciences, Pharmacy, Physics, Computer Science, Engineering, Medicine, Dentistry, Biology, Mathematics, Natural Science
- Language/s required for the Oral exam: English
- Evaluable qualifications: Research Proposal, Publications and anything else the candidate deems appropriate

*School of Medicine and Surgery* **PhD**  
**Neuroscience**

PhD Program in Neuroscience provides interesting and rigorous research training in a broad range of areas of neuroscience, including cognitive and behavioural neuroscience, molecular neuroscience and neurophysiology. Each PhD student will be assigned to a research group in which he/she will choose a research topic on the basis of his/her main scientific interests and personal background. Research activities will take place both in laboratories and clinics and, on completion of their training, the students will have acquired technical skills and learnt to carry out a research project. These objectives will be achieved through specific mentoring, which will teach students to autonomously drive scientific reasoning. They will also participate in lectures and interactive seminars to keep up to date with latest scientific developments. Finally, students will have the opportunity to perform part of their research activities in other Neuroscience Laboratories and Institutes also abroad.

**Coordinator:** Professor Nicola Biagio Mercuri  
mercuri@med.uniroma2.it

**Website:** <http://dottoratoinneuroscienze.uniroma2.it/>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Systems Medicine
- Admission conditions: Qualifications evaluation and Written Exam and Oral Exam
- Degree required: Any degree relevant to Medicine, Psychology, Engineering, Biotech, Physics, Mathematics, Chemical sciences, Computer science, Pharmacy
- Language/s required for the Oral exam: English
- Evaluable qualifications: Anything the candidate deems appropriate except for the Research Proposal

*School of Medicine and Surgery* **PhD**  
**Nursing Sciences and Public  
Health**

This Doctoral Degree (PhD) has the objectives to prepare researchers who can contribute to the development of research methodologies in the field of nursing sciences and public health. During this PhD program, the students will acquire quantitative and qualitative research and then will be able to conduct observational and/or experimental studies within a multidisciplinary setting. This PhD consists of two different curricula, the first, for students with a Master Degree in Nursing Sciences, and the second for students with a degree in Medicine who are interested in Public Health. Both curricula convey the same vision of a modern health system, which is devoted to patients and their families, which is widespread in community settings, and aware of the influence that prevention, organization, and costs have on healthcare assistance

**Coordinator:** Professor Leonardo Palombi - palombi@uniroma2.it

**Website:**

[http://www.infermieritorvergata.com/new\\_site/index.asp?action=area\\_dr&pag=Manifesto%20Dottorato&lang=eng](http://www.infermieritorvergata.com/new_site/index.asp?action=area_dr&pag=Manifesto%20Dottorato&lang=eng)

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Biomedicine and Prevention
- Admission conditions: Qualifications evaluation and Written Exam and Oral Exam
- Degree required: Any degree relevant to Medicine, Nursery and Nutrition
- Language/s required for the Oral exam: English
- Evaluable qualifications: A short paper that shows the development of possible research on the relevant topics of the PhD and anything else the candidate deems appropriate

*School of Medicine and Surgery* **PhD**  
**Medical-Surgical Sciences**

PhD Programme in Medical-Surgical Applied Sciences is divided in five research areas:

- Oncoplastic Breast Surgery;
- Plastic Regenerative Surgery;
- Clinical Nutrition;
- Innovative Technologies and Medical Engineering for Surgery;
- Forensic sciences.

The PhD programme is open to holders of second-cycle degrees (ie. Masters Degrees), or similar academic title, awarded overseas and recognized as equivalent to an Italian degree. The programme aims to prepare students for scientific research in field of Oncoplastic Breast Surgery, Plastic Regenerative Surgery, Clinical Nutrition, Innovative Technologies and Medical Engineering for Surgery Forensic Sciences.

**Coordinator:** Professor Antonino De Lorenzo  
delorenzo@uniroma2.it

**Website:** [www.chirurgiaptv.it/dottorato.htm](http://www.chirurgiaptv.it/dottorato.htm)

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Experimental Medicine and Surgery
- Admission conditions: Qualifications evaluation
- Degree required: Any
- Language/s required for the Oral exam: English
- Evaluable qualifications: A paper that shows the development of possible research on the relevant topics of the PhD, Curriculum Vitae, Motivational Letter



School of Medicine and Surgery **PhD**  
**Tissue Engineering and  
Remodeling Biotechnologies  
for Body Function**

This Multidisciplinary Research Doctorate aims to extend the knowledge both at the molecular and clinical levels on acquired and/or hereditary diseases, concerning (i) the motility apparatus, (ii) the maxillo-facial district, (iii) the vision system, (iv) the otorhinolaryngology system. The Doctorate is subdivided in four pathways, closely interrelated, namely of (i) molecular pathophysiology, (ii) tissue engineering and remodeling, (iii) clinical research, (iv) therapeutic and rehabilitation application. Thanks to the multidisciplinary of expertises, ranging between Biochemistry, Molecular Biology and Pathology, Cell Pathology, Tissue and Genetic Engineering, Biomechanics and Clinics, the Doctorate aims to accomplish:

- the optimization of biotechnological resources in the molecular and cellular field;
- the design and experimentation of innovative systems, pathways and diagnostic protocols.

**Coordinator:** Professor Massimiliano Coletta  
coletta@uniroma2.it

**Website:** <http://dottorati.uniroma2.it/index.php/it/english>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Clinical Science and Translational Medicine
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any degree relevant to Medicine, Biology, Biotech, Physics, Mathematics, Material science, Chemical sciences, Sport science, Pharmacy
- Language/s required for the Oral exam: English
- Evaluable qualifications: Anything the candidate deems appropriate except for the Research Proposal





*School of Mathematical,  
Physical and Natural Sciences*  
**Pharmacy**



**Description**

Our Master's course in Pharmacy is taught entirely in English with the purpose of providing the necessary knowledge to design, prepare and use drugs. The course was founded by our Schools of Medicine and of Science in partnership with the prestigious School of Pharmacy of the University of Nottingham and Alliance Boots, as a highly interdisciplinary school involving professors and experts from different sectors, from Chemistry to Medicine, Biology, Economics, Law as well as all subjects concerned in a complex traditional Pharmacy Course. This relationship provides our best students with the opportunity to join some internship projects in Nottingham University. The course consists of theoretical and practical classes, including training activities in a local or hospital pharmacy. The main objective is to train professionals mastering a scientific basis as well as theoretical and practical competences to work as pharmacists.

**Career Opportunities**

This Master Degree in Pharmacy trains graduates who can work as: Pharmacists in the health sector, industrial preparation of pharmaceutical forms in drugs, drug control in public and private laboratories, production and control of medical devices, assessment and technical writing of pharmaceutical dossiers to authorise new medicines to be marketed, pharmacovigilance, information and advice in sectors such as drugs, cosmetics, dietary and nutritional supplements.

**Web References and Contacts**

Coordinator: Professor Robert Nisticò  
Contacts: [segreteria@farmacia.uniroma2.it](mailto:segreteria@farmacia.uniroma2.it)  
Website: <http://farmacia.uniroma2.it>

**General Information**

- Course type: One-cycle Degree
- Duration: 5 years
- Department: Biology
- Access type: Restricted number of available places
- Admission: In order to be admitted to the Degree course of Pharmacy it is necessary to take and pass a specific test. The test will be written and oral
- Dual degree opportunity: Cyprus International University - CIU



*School of Mathematical,  
Physical and Natural Sciences*  
**Biotechnology**



**Description**

The University of Rome Tor Vergata offers an exciting M.Sc. in Biotechnology that combines biochemistry, molecular biology, genetics, pharmacology and microbiology with business fundamentals and ecology — the essential background and depth of the biotech industry's interface between research and development, business management and ethical manufacturing. This Degree course merges fundamental elements of science, technology and business to prepare second-level graduates for a wide range of jobs in the biotechnology industry. It offers core graduate courses taught by research faculty members, alongside elective courses taught by prominent experts in their fields, in all areas of Biotechnology. It also includes a lab internship that gives students the possibility of gaining valuable hands-on experience and opportunities to build personal and professional networks.

**Career Opportunities**

- Jobs in research and control laboratories within universities and other public and private research institutes using Genetic and Molecular Biology techniques to monitor the presence of genetically modified organisms;
- Management and quality control in biotechnology plants; molecular diagnosis laboratories; biomedical, environmental and nutrition areas; research and development laboratories; departments of production and quality control in biotechnology companies and companies interested in biotechnological innovation such as chemical, pharmaceutical, agri-food; in particular, companies using biological microsensor systems; diagnostic laboratories with particular reference to the development and production of molecular and/or cellular assays and innovative diagnostic systems; agencies drafting patent regulations regarding the exploitation of bio-industrial products and/or processes; commercial and documentation organisations specifically involved in biotechnological production.

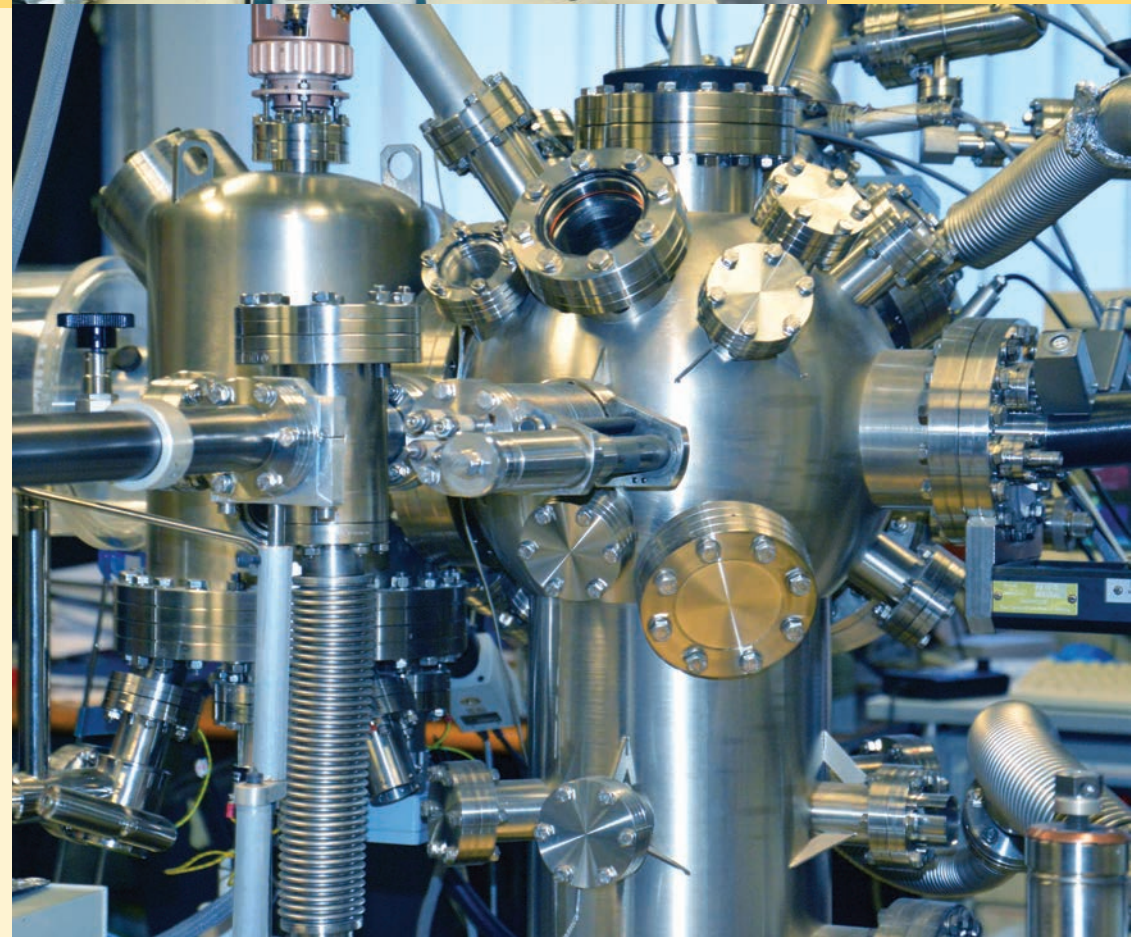
Such multidisciplinary training enables students to interact with commercial and documentation organisations specifically involved in biotechnological production and to continue their higher-education training, e.g. with Master's Degrees, PhDs and Specialisation Schools.

**Web References and Contacts**

Coordinator: Andrea Battistoni  
Contacts: [andrea.battistoni@uniroma2.it](mailto:andrea.battistoni@uniroma2.it)  
Website: <http://www.biotechuniroma2.it>

**General Information**

- Course type: Master's Degree
- Duration: 2 years
- Department: Biology
- Access type: Open with curricular skills test
- Admission: For the admission to the M.Sc. in Biotechnology, prospective students must have a Bachelor's degree in Biology or Biotechnology





*School of Mathematical,  
Physical and Natural Sciences*  
**Physics**  
**Curriculum in Astrophysics**



### Description

Our Curriculum in Astrophysics aims at providing high quality students with an excellent background in Astrophysics, to introduce them to the world of modern astrophysical research, and to promote their future career in this field. The curriculum is designed in collaboration with several research institutions in the Tor Vergata area, such as INAF, INFN, ASI, and it offers classes taught by researchers from these institutions, who represent the forefront in their fields.

This Curriculum includes also practical activities, to train students in those aspects connected with technological developments, data analysis, image processing.

Our University is part of the European Programme Astromundus. It is a 2-year Erasmus+ Joint Master's Degree programme in Astronomy and Astrophysics. The Master Course is offered by a consortium of 4 partner universities in Austria, Italy, Germany, and Serbia. The students will attend their studies in at least two and up to four of these countries. At the end of the course students will get a Joint Master Degree by all the partner universities they have visited during the Master studies.

### Career Opportunities

Modern Astrophysics is one of the most rapidly evolving scientific fields and, as a matter of fact, our current days are often defined as the "Golden Age of Astrophysics". Recent discoveries have significantly improved our knowledge in many different areas: solar and stellar physics, extragalactic astrophysics, observational cosmology, physics of gravitation. The curriculum in Astrophysics is designed to provide students with a strong background and competences as well as training them to enhance their capabilities in inter-sectorial areas (modelling, problem solving, high performance computing, big data handling, new technologies development). The research groups have collaborations with top-level Italian and international institutions and important participations in organisations.

Our graduates can access PhD programmes in Physics, Astrophysics and Space Science. They can either find job opportunities in applied and basic research areas (Universities, Research Centres, Observatories, Industries), or in the fields of computer sciences software development, financial and economic analyses or in the Public Administration sector within management positions.

### General Information

- Course type: Master Degree in Physics, curriculum in English in Astrophysics
- Duration: 2 years
- Department: Physics
- Access type: Open with curricular skills test
- Admission: For admission to the M.Sc. in Physics, prospective students must have a Bachelor's degree in Physics
- Joint degree Astromundus: Universities of Innsbruck - Austria, Göttingen - Germany, Padua - Italy, Belgrade - Serbia



Coordinator: Professor Annalisa D'Angelo

Contacts: [annalisa.dangelo@roma2.infn.it](mailto:annalisa.dangelo@roma2.infn.it) and [samanta.marianelli@uniroma2.it](mailto:samanta.marianelli@uniroma2.it)

Website: [www.scienze.uniroma2.it/?cat=241&catParent=5](http://www.scienze.uniroma2.it/?cat=241&catParent=5)





School of Mathematical,  
Physical and Natural Sciences



## Physics

### Curriculum in Physics for Instrumentation and Technology

#### Description

The curriculum in Instrumentation and Technology aims at connecting the most advanced physics courses with modern technologies' applications, clearing the way for both unique opportunities and science and technologies' experiences.

The Curriculum will give the competences to allow students to deal with physics technologies and innovations such as:

- modern detectors, which are at the basis of several physics-based industrial and business sectors;
- Modern diagnostic techniques such as PET, CT, based on radiation and nuclear physics technologies.
- Innovative materials that are the forefront of high-tech application and their application is emergent in the public and private sectors.
- Neutron Sciences with applications and extensive collaborations with international Large Scale Facilities such as ISIS at the Rutherford Appleton Laboratory (UK) and European Spallation Source. This Curriculum is designed in collaboration with research institutions in the Tor Vergata area, such as INFN, CNR, ENEA, ASI, and several classes are taught by researchers from these institutions.

#### Career Opportunities

Modern life is characterised by technological developments based on discoveries in Physics, from ultra-fast computers to renewable energy technologies. Several important diagnostic and therapeutic techniques have been built on either basic physics principles or on the tools developed to conduct physics research. According to this modern life, the Physics curriculum in Physics for Instrumentation and Technology aims at enhancing our students' attitude towards the physics technology, instrumentation and innovation. Our graduates will find job opportunities in many sectors where the Physics-derived technologies have a large impact.

We also offer internship opportunities encouraging our students to apply for them, thanks to our collaborative agreements with INFN, ENEA, CNR, ASI.

#### Web References and Contacts

Coordinator: Professor Annalisa D'Angelo

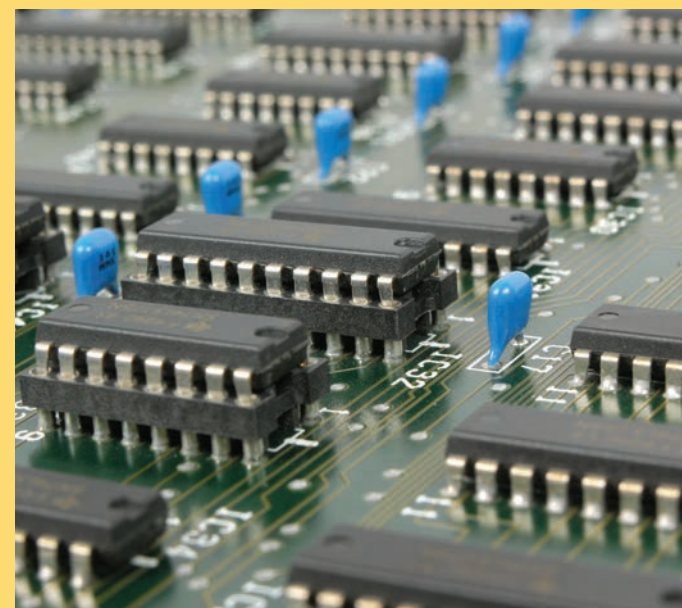
Contacts: [annalisa.dangelo@roma2.infn.it](mailto:annalisa.dangelo@roma2.infn.it)

and [samanta.marianelli@uniroma2.it](mailto:samanta.marianelli@uniroma2.it)

Website: [www.scienze.uniroma2.it/?cat=241&catParent=5](http://www.scienze.uniroma2.it/?cat=241&catParent=5)

#### General Information

- Course type: Master Degree in Physics, curriculum in English in Physics for Instrumentation and Technology
- Duration: 2 years
- Department: Physics
- Access type: Open with curricular skills test
- Admission: For admission to the M.Sc. in Physics, prospective students must have a Bachelor's degree in Physics





School of Mathematical,  
Physical and Natural Sciences



## Physics

### Curriculum in Physics of Complex Systems and Big Data

#### Description

Physics-based sectors are a major contributor to the Italian economy according to a recent Deloitte report. Modern life is founded on discoveries in Physics. The curriculum in Physics of Complex Systems and Big Data aims at providing students with the ability of dealing with complex systems, identifying the most adequate computational platforms and software frameworks in order to elaborate solutions to specific problems.

In addition to the advanced physics courses on Quantum Mechanics, Material Science and Mathematical Methods for Physics, the course offers specific lectures on: Optimization and Statistical Mechanics, Complex and Neural Networks, Digital Data Analysis, Advanced Statistics, Data Bases. Many lectures include practical activities with laboratories in collaboration with research centres in the Tor Vergata area: Informatics, Electronics, Astrophysics.

#### Career Opportunities

Data Science is a new emerging discipline. Our Curriculum in Physics of Complex Systems and Big Data introduces its specific aspects, including methodological and practical competencies, providing Data Scientists with a different point of view as to define new strategies in tackling the forthcoming data manipulation, data visualisation, and large scale computing problems.

Our graduates are expected to find job opportunities in many sectors where data complexity plays a major role: economics, banking, space technology, information technology, communication technology, electronics.

#### Web References and Contacts


Coordinator: Professor Annalisa D'Angelo  
 Contacts: [annalisa.dangelo@roma2.infn.it](mailto:annalisa.dangelo@roma2.infn.it)  
 and [samanta.marianelli@uniroma2.it](mailto:samanta.marianelli@uniroma2.it)  
 Website: [www.scienze.uniroma2.it/?cat=241&catParent=5](http://www.scienze.uniroma2.it/?cat=241&catParent=5)

#### General Information

- Course type: Master Degree in Physics, curriculum in English in Physics of Complex Systems and Big Data
- Duration: 2 years
- Department: Physics
- Access type: Open with curricular skills test
- Admission: For admission to the M.Sc. in Physics, prospective students must have a Bachelor's degree in Physics



School of Mathematical,  
Physical and Natural Sciences



## Science and Technology of the Materials

### Curriculum in Photonics

#### Description

The Master's course in "Science and Technology of the Materials" is the natural prosecution of the three-year Bachelor degree in Materials Science. Both courses merge fundamental elements of science, physics and chemistry to prepare second-level graduates for a wide range of jobs concerning the role of researcher in primary labs, both in academic and in industrial environments. The weight of the experimental preparation is notably higher compared with other Master courses.

Compared with similar courses in the Italian Academia, our Master Degree is characterised by a solid preparation in Physics. The knowledge of Quantum mechanics foundations is the basis for a deep understanding of the fundamental processes happening at the atomic/molecular level of advanced functional materials.

This Master degree has a specific English-taught curriculum in Photonics that enables students to achieve at the same time the title of Master in Science and Technology of the Materials (Italian legal title) and Master Engineering in Photonics (German legal title), thanks to a bilateral agreement with the University for Applied Science in Wildau/Berlin (Germany).

#### Career Opportunities

Jobs in research centres and laboratories, within universities and other public or private research institutes in the field of materials science. Due to a solid theoretical and practical experience, our students find their professional position in any interdisciplinary or multidisciplinary environment: research & development sectors, quality control departments, etc.

There are many fields of interest due to the pervasive use of materials and of the related techniques. As an example, a Material Scientist or Technologist fit with: aeronautics, telecommunications, transportation, restoration and conservation of cultural heritage, biosensors for environmental control and protection against health hazards, waste recycle, energy production, development of light harvesting materials (fotovoltaic cells), energy storage (green batteries), production of semiconductor raw materials (specialist of crystal production and quality check for impurities), microelectronics, photonics and their applications to implement new devices, biocompatible materials for medical implants, advanced devices for drug delivery.

In addition, students choosing the curriculum in Photonics (with double Title) have the opportunity to interact closely with the very dynamic environment of the Berlin district for Science and Technology, located in the south-east neighbourhood of the German Capital, where many scientific institutions and public and private companies are located.

#### General Information

- Course type: Master Degree in Science and Technology of the Materials, curriculum in English in Photonics
- Duration: 2 years
- Department: Physics
- Access type: Open
- Admission: For those who have a Bachelor's degree in Materials Science the admission is automatic.  
For those who have a different Bachelor's degree the admission is subject to the evaluation of the exams undertaken by the students during their previous academic career. Students may be asked to attend specific courses to fill in any gaps in their academic background
- Dual degree opportunity: Technical University of Applied Sciences - Wildau (Germany)



#### Web References and Contacts

Coordinator: Professor Claudio Goletti  
Contacts: [goletti@roma2.infn.it](mailto:goletti@roma2.infn.it)  
Website: <http://materialsscience.uniroma2.it/>





*School of Mathematical,  
Physical and Natural Sciences*  
**Chemical Sciences**

PhD

The PhD course in Chemical Science aims to train highly qualified professionals prepared for research activities in all the fields involving chemical processes, ranging from organic synthesis to material development, and from applications to analyses. During the three years PhD course the students will have personal mentors who educate them to become able to independently design research methodologies and to carry out the experimental and/or theoretical work in the different fields of Chemistry. A non-exhaustive list of research topics includes example chemical sensors and biosensors, nanostructured materials, peptides for biomedical application and soft matter. Due to the active scientific collaborations, the PhD students can attend part of their activities in other research groups in Italy and abroad. Other than the research activities, during the PhD course the students will participate to short thematic lectures and to Department seminars.

**Coordinator:** Professor Roberto Paolesse - paolesse@uniroma2.it

**Website:** <http://stc.uniroma2.it/dottorato/scienze-chimiche/>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Chemical Science and Technology
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any degree relevant to Engineering, Physics, Chemical sciences, Biology
- Language/s required for the Oral exam: English
- Evaluable qualifications: Anything the candidate deems appropriate

*School of Mathematical,  
Physical and Natural Sciences*  
**Evolutionary Biology  
and Ecology**

PhD

The program offers a unique multidisciplinary training experience leading to a Doctorate degree. The Biology Department in partnership with private and public institutions in the Rome area have formed a Program that crosses traditional disciplinary boundaries to offer the student the appropriate interdisciplinary research training and to enrich the plurality of knowledge. The Scientific Board is made of experts of various scientific fields and graduate students can select from research opportunities in areas as Anthropology, Applied Biology and Biochemistry, Botany, Ecology, Genetics, Microbiology, Parasitology, Physiology and Zoology. The main goal of the program consists in enabling students to become independent, creative, and productive researchers by cultivating their skills in a multidisciplinary environment. Specialized courses are programmed as well as ad hoc seminars in research management, research&funding systems, exploitation of research results and intellectual property.

**Coordinator:** Professor Olga Rickards - rickards@uniroma2.it

**Website:** [http://multisito.uniroma2.it/dottoratobee/?page\\_id=231](http://multisito.uniroma2.it/dottoratobee/?page_id=231)

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Biology
- Admission conditions: Qualifications evaluation and Written Exam and Oral Exam
- Degree required: Any degree relevant to Mathematical, Physical and Natural Sciences
- Language/s required for the Oral exam: English
- Evaluable qualifications: Anything the candidate deems appropriate except for the Research Proposal

*School of Mathematical,  
Physical and Natural Sciences*  
**Materials for Health,  
Environment and Energy**

PhD

Access to renewable and sustainable energy conversion and storage devices, environment protection and preservation together with the development of technologies allowing to enhance health care and life quality for the aging world population are the greatest challenges of the 21st century. This requires a multidisciplinary effort involving chemistry, physics, materials science, biology, and medicine. Materials are crucial for the development of all sustainable technologies and this PhD Course is addressed to the investigation of materials and related devices, it enables the PhD candidates to acquire solid scientific and methodological knowledge for tackling complex problems in the framework of their doctoral thesis. Our aim is to prepare experts in materials preparation, processing and application in the fields of energy and health that might then be occupied in academia as well as in professional or industrial enterprises. Candidates are expected to be pro-active researcher and team player, adaptable to a multicultural environment.

**Coordinator:** Professor Silvia Licocchia - licocchia@uniroma2.it

**Website:** <http://materials-phd.uniroma2.it>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Chemical Science and Technology
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English
- Evaluable qualifications: Anything the candidate deems appropriate except for the Research Proposal

*School of Mathematical,  
Physical and Natural Sciences*  
**Molecular and Cellular Biology**

PhD

The PhD Course in Cellular and Molecular Biology (BCM) train students to contribute to the advancement of science by making and publishing scientific discoveries in Molecular Biology, Cell Biology, Cellular Biochemistry, Molecular Genetics, and Bioinformatics. The students are expected to focus on research and study. The training program will let our students acquire scientific expertise and technical skills, all key factors in a scientific career. By their training, BCM PhD students will be able to: (i) Analyze a scientific problem and define specific biological questions, to be addressed by means of various experimental approaches. This includes the formulation of hypotheses in order to design experiments, build up a time plan and define logical outcomes. They should also learn how to reach conclusions based on statistically-significant results; (ii) Be intellectually independent; (iii) Gain advanced communication skills; (iv) Drive responsible research and integrate in a Team community.

**Coordinator:** Professor Francesco Cecconi

[francesco.cecconi@uniroma2.it](mailto:francesco.cecconi@uniroma2.it)

**Website:** [http://mint.bio.uniroma2.it/dottorato\\_bcm/](http://mint.bio.uniroma2.it/dottorato_bcm/)  
<http://www.neidos.it/index.pl?pos=02.01&course=2>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Biology
- Admission conditions: Qualifications evaluation and Written Exam and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English
- Evaluable qualifications: Language skill certificates (English) and anything else the candidate deems appropriate

*School of Mathematical,  
Physical and Natural Sciences*

PhD

## Mathematics

The school aims at preparing highly skilled mathematicians able to work both in Academia and in private or public institutions using advanced mathematical research. To this end several advanced courses are offered each year and a great number of seminars are organized regularly. The Department is a very lively stimulating scientific environment, involved in European Networks, hosting research centers and international schools. More activities are organized with other Rome Math Departments and institutions such as INdAM and IAC. PhD students are offered a variety of research options both in pure and applied Mathematics for their thesis subject. The high scientific quality of the research options at the Department is testified by research evaluations, ERC grants, and invitations to top international conferences. The Department has many agreements with foreign institutions or research consortia, where PhD students are encouraged to spend part of their training.

**Coordinator:** Professor Andrea Braides - braides@mat.uniroma2.it

**Website:** <http://www.mat.uniroma2.it/~dott/pagina2.html>

*School of Mathematical,  
Physical and Natural Sciences*

PhD

## Astronomy, Astrophysics and Space Science

The PhD course in Astronomy Astrophysics and Space Science is a joint research program between the University of Rome "Tor Vergata", the Sapienza-University of Rome and the National Institute of Astrophysics (INAF). At the end of the program PhD students will obtain a joint degree of the two Universities. The aim of the Astronomy, Astrophysics and Space Science Ph.D. Program is the formation of young researchers at a highly competitive international level. In addition, the PhD aims to train managers in private/public organizations that deal with complex systems. The PhD program covers, in both their theoretical and observational aspects, almost all the topics of modern Astrophysics and Space Science in: (i) Galactic and Extragalactic Astrophysics; (ii) Gravitation and Cosmology; (iii) Solar, Planetary, and Stellar Physics; (iv) Space Sciences. PhD. Students will have the opportunity to access all the facilities from 5 different research institutes in the Area.

**Coordinator:** professor Pasquale Mazzotta - pasquale.mazzotta@roma2.infn.it

**Website:** <https://www.fisica.uniroma2.it/it/node/52>

### General Information

- Course type: PhD
- Duration: 3 years
- Department: Mathematics
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English
- Evaluable qualifications: Research Proposal, Curriculum Vitae, Motivational Letter, Recommendation Letters and anything else the candidate deems appropriate

### General Information

- Course type: PhD
- Duration: 3 years
- Department: Physics
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any degree relevant to Astronomy, Physics, Mathematics, Engineering
- Language/s required for the Oral exam: English
- Evaluable qualifications: CV and anything else the candidate deems appropriate except for the Research Proposal
- Activated on alternate years at Universities of Rome Tor Vergata and Sapienza







School of Humanities and Philosophy   
**History and Sources Studies**  
*Curriculum in European History*

**Description**

The M.A. Course in “European History” (MEH) is a two-year international programme with a focus on European history in a comparative and global perspective. It is offered by a consortium of Universities of European capitals associated in UNICA - Network of Universities from the Capitals of Europe:

- Humboldt Berlin University - Germany
- Complutense University of Madrid - Spain
- Tallinn University - Estonia
- Paris Diderot University - France
- Tor Vergata University and Roma Tre University - Italy
- University College Dublin - Ireland
- Vienna University - Austria
- Belgrade University - Serbia
- Sarajevo University - Bosnia and Herzegovina

The Course is divided into four terms, during which students enrolled at the University of Rome Tor Vergata must spend at least one term and obtain 30 ECTS in one of the abroad partner universities. The final dissertation has to be written in English and will be jointly supervised by the academic staff of the home university and of the partner university. Moreover not only students enrolled in MEH at UTV don't have to pay extra-fees at the partner Universities during the mobility programmes, also they can apply for specific Erasmus grants for the term spent abroad.

Graduates of the MEH will be awarded an M.A. title with a double certificate issued by the home university and the host full member partner university/universities attended by the student.

**Career Opportunities**

MEH is the first MA programme in history to bring together a truly multinational, Europe-wide collaboration of high-profile partner universities. For these reasons it is a unique, international programme aptly suited for students interested in pursuing careers in international organisations and foundations. This degree cultivates research, writing, and analytical skills that can be applied to a broad range of careers, e.g. in education, journalism, administration, diplomacy and the cultural sector.

**Web References and Contacts**

Coordinator: Professor Daniela Felisini

Contacts: felisini@uniroma2.it

Website: <http://lettere.uniroma2.it/it/pagina-base/international-path-studies-lm-european-history-meh-unica>

**General Information**

- Course type: Master's Degree in History and Sources Studies, curriculum in English in European History
- Duration: 2 years
- Department: History, Humanities and Society
- Access type: Open with curricular skills test
- Admission: undergraduate degree from a European accredited university, or its international equivalent, in a relevant subject area of Humanities and Social Sciences
- Double degree





## Art History in Rome from Late Antiquity to the Present

### Description

The Master of Arts in Art History in Rome from Late Antiquity to the Present is a two-year programme taught entirely in English, thus internationally open and practice-oriented. Its hallmark rests in its intensive nature, concentrated on the exceptional quality of Rome monumental heritage.

During the first year students will be provided with a solid background in Roman history, art and architecture from Constantine to the Present; during the second year they will be able to choose among a wide range of specialised courses (i.e. The Architecture of Fascist Rome, Rome in Modern Media, Collecting Antiquities in Early Modern Rome etc.), naturally orienting their academic careers towards more specific research fields. The teaching will be mostly held in direct contact with the art works and contexts, thanks to daily surveys and visits to museums, collections, buildings and monumental sites. The programme has close ties with many of the most important art history institutions active in Rome, both Italian and international, and offers a network of internships helping students target their future professional development.

### Career Opportunities

The M.A. in Art History in Rome from Late Antiquity to the Present is designed to prepare for careers in museums, galleries, foundations, auction houses, archeological sites, art consulting and art publishing, and for further study at the doctoral level.

### Web References and Contacts

Coordinator: Professor Maria Beltramini  
Contacts: [maria.beltramini@uniroma2.it](mailto:maria.beltramini@uniroma2.it) and [info@arthistoryrome.uniroma2.it](mailto:info@arthistoryrome.uniroma2.it)  
Website: <http://arthistoryrome.uniroma2.it/>



### General Information

- Course type: Master's Degree
- Duration: 2 years
- Department: Literature, Philosophy and Art History
- Access type: Open with curricular skills test
- Admission: Bachelor's Degree





*School of Humanities and Philosophy* **PhD**  
**Cultural Heritage,  
Education and Territory**

The Ph.D. program combines multiple research areas: geography, education, philosophy of education, comparative education, dynamic psychology, art history, archaeology, musicology, theatre and film history, and history. While respecting the specificity of each area, the doctorate is characterised by an interdisciplinary approach that underlies the formation of young scholars who have highly developed cultural and methodological competences, whether in an academic context or in operational one. In addition to the relationship between the different areas - represented by members of the Doctoral Committee - the interdisciplinary approach of this course also features the use of technology, with particular reference to geographical, archaeological and art-historical fields. An important aspect that characterises this doctorate programme is its international character, due – above all - to the close relationships and frequent contact which most Doctoral Committee members have with foreign universities.

**Coordinator:** Professor Giovan Battista Fianza  
fidanza@lettere.uniroma2.it

**Website:** <http://beniculturalieteritorio.uniroma2.it>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: History, Humanities and Society
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English, French, Spanish and Deutsch
- Evaluable qualifications: Research Proposal, Publications and anything else the candidate deems appropriate

*School of Humanities and Philosophy* **PhD**  
**Philosophy**

The joint doctoral program in philosophy of the Universities of Rome "Tor Vergata" and "Roma Tre" aims to meet cultural needs, which are different, but complementary and equally important: it intends to promote the specific heritage of philosophical studies, widely articulated and rooted in a tradition of high scientific value, and it purposes to enhance the interdisciplinary calling of philosophy, encouraging synergies with other forms of knowledge – i.e. theoretical, technical-scientific and ethical-practical. It provides yearly four main courses with frequent contributions by external experts. The educational offer is enriched by study days dedicated to different specific topics. We discuss the perspectives or outcomes of ongoing researches. The doctoral school keeps many collaborative relationships with Italian and foreign Universities and supports PhD dissertations under joint supervision. A curriculum with the University of Paris 1 "La Sorbonne" provides for a double degree.

**Coordinator:** Professor Anselmo Aportone  
anselmo.aportone@uniroma2.it

**Website:** <http://dottoratifilosofaroma.org/>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Literary Studies, Philosophy and Art History
- Admission conditions: Qualifications evaluation and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: At least 2 among English, French, Spanish and Deutsch at candidate's choice
- Evaluable qualifications: Research Proposal, Publications, CV, Recommendation letters, an excerpt of the thesis at candidate's choice

*School of Humanities and Philosophy* **PhD**  
**Comparative Studies:  
Linguistics, Literature and Art  
History**

The aim of the scientific discipline known as "Comparative Studies" is to identify relationships between authors, texts, works of art, movements and phenomena of different cultures so as to highlight their characteristic aspects in terms of both continuity and specificity.

In the contemporary era of multiculturalism and globalization, as the dissemination of ideas becomes increasingly more rapid and widespread, an openness to alterity acquires fundamental significance and impacts linguistic, literary and artistic experiences, thereby modifying consolidated models and creating new ones.

On the basis of these considerations, and also with reference to recent interchanges within the European Union regarding cultural policies, the comparatist approach of the course, provided in Italian, permits an important and original expansion of the themes and perspectives of recent research in linguistics, literature and art history.

**Coordinator:** Professor Pietro Trifone - trifone@lettere.uniroma2.it

**Website:** <http://dottorastudicomparati.uniroma2.it/>

**General Information**

- Course type: PhD
- Duration: 3 years
- Department: Literary Studies, Philosophy and Art History
- Admission conditions: Qualifications evaluation and Written Exam and Oral Exam
- Degree required: Any degree relevant to the Ancient World
- Language/s required for the Oral exam: English
- Evaluable qualifications: Research Proposal and anything else the candidate deems appropriate





## Law and Protection: Contemporary Experience, Comparison, Roman Law

The PhD promotes an interdisciplinary methodology, taking into account History of law, Comparative law, Civil law (substantive and procedural). The PhD has two specific paths:

**Judicial Remedies, Management and Company Law:** the path aims at educating the student in managing complex legal issues with an interdisciplinary approach, from both a substantive and a procedural legal perspective, taking into account legal comparison and issues of internationalization. Attending students will be guided and directed, integrating theoretical knowledge with practical training in judicial institutions, professional organizations, business management and administration.

**Roman Law, Civil Law and Comparative Law:** the path aims at providing knowledge and understanding of the role: 1) of Roman Law in the contemporary legal systems (Europe, Latin America and Asia); 2) of Islamic Law in the contemporary legal systems.

**Coordinator:** Professor Pietro Masi - masi@juris.uniroma2.it

**Website:** <http://dirittoetutela.uniroma2.it>

### General Information

- Course type: PhD
- Duration: 3 years
- Department: Private Law
- Admission conditions: Qualifications evaluation and Written Exam and Oral Exam
- Degree required: Any
- Language/s required for the Oral exam: English or French or Deutsch or Spanish or Chinese (at candidate's choice)
- Evaluable qualifications: Anything the candidate deems appropriate except for the Research Proposal





## Qualification required

### for a Bachelor Degree

**In order to enroll to a Bachelor's Degree or to a One-Cycle Degree**, it is required your original home country 12-year school qualification, translated and legalised by the Italian Diplomatic Representation, together with the Declaration of Value or Declaration released by the ENIC NARIC CENTER (<http://www.enic-naric.net/>), or CIMEA ([www.cimea.it](http://www.cimea.it)). In some countries the structure of the school system is 10 or 11 years in total: in this case, students must prove either to have already attended and completed successfully 1 or 2 years of University (to comply with the minimum requirement of 12 years of school) or to have obtained a qualification at a post-secondary non-University Institute. For further information on qualifications issued abroad, please check the Ministry of Education's rules.

The University of Rome Tor Vergata, provides also Foundation Courses, taught in Italian, for students with less than 12 years of school.



### for a Master Degree

**In order to access to Master's Degree** courses, students are required to have obtained either a university Degree (at least Undergraduate), translated and legalised by the Italian Diplomatic Representation, or a recognised post-secondary qualification, together with the Declaration of Value issued by an Italian Diplomatic Representation from the city or country where the school has been attended, or Declaration released by the ENIC NARIC CENTER (<http://www.enic-naric.net/>), or CIMEA ([www.cimea.it](http://www.cimea.it)).



## Admission requirements

**Bachelor's Degree and one-cycle Degree courses** may either have free access or may be regulated with a limited number of applicants. For restricted-access degree programmes, an admission test is compulsory, as required by each individual degree course.

For **Master's Degree courses** admission is subject to the possession of specific curricular requirements and appropriate competences. Some of the courses taught in English require a preliminary online evaluation through an "Assessment procedure".

Please visit our website to see which courses require assessment.



## Procedure for Non-Eu citizens residing abroad

Non-Eu citizens residing abroad must submit a pre-enrollment application to the Italian Diplomatic Representative (Italian Embassy or Consulate) in their country of citizenship. The number of available places to students in this category is restricted, and the quota for each course is fixed annually.

By the time of your application, the Italian Diplomatic Representative will have established a deadline for this procedure, which is approximately open from March to June. Thus, make sure to be well informed before carrying out the application process. For further information, please visit this webpage: <http://www.studiare-in-italia.it/studentistranieri/calendar.html>

## Deadline

For the assessment deadline, please check on each specific course's website;

For the enrollment deadline to Bachelor's Degree and Master's Degree, please check the pertinent call for selection.

## Fees

All the information on 2018/2019 tuition fees are available and updated at pages 90 and 91

# How to apply for PhD courses

Every year the University of Rome Tor Vergata launches two PhD calls:

- the first one during winter, between February and March, reserved to foreign candidates only
- the second one, during spring, between May and June, irrespective of nationality of candidates

In both cases, the access is managed by a public selection, usually based on qualifications and exams. For the winter cut off the exam is an interview that can be done not necessarily in presence. For the spring cut off, the exam tests depend on the chosen PhD (sometimes a written exam is foreseen). Every detail is provided in the description sheet of the specific PhD that is published on the website of the University. The description sheets also contains details about positions and scholarships available for each PhD.

Even if positions and scholarships are different but the announcement is unique and is compliant to the following mechanism: candidates will be evaluated, for the exam/s and the qualifications indicated in the specific PhD sheet; after the evaluation, a ranking list will be created and the scholarships made available by the University will be assigned according to it. Once all scholarships are assigned the remaining candidates will only get the position.

Restrictions on scholarships only apply if a candidate has already received a PhD scholarship from an Italian University.

Finally, candidates can register as "Borsista di Stato Estero" if they fall into one of the following categories:

- a) International Scholarship Holders: only candidates that have a scholarship funded by either the Government of their Country of origin or by the Italian Ministry of Foreign Affairs)
- b) Candidates with an own source of income: candidates that can demonstrate to be able to support themselves for the entire duration of the PhD course. For example, the salary coming from a job employment, a scholarship funded from any foundation or other institution and so on.)

In these cases, in case of positive preselection, based on the qualifications declared in the application, they will compete for the reserved positions of the chosen PhD program (if available), and will also benefit from a separate ranking compared to the other candidates who will follow the ordinary procedure.

The following summary shows the costs of the PhD course that apply to all selected candidates:

- 1° Year Competition Fee €35,00
- Yearly Insurance and Stamp €27,65
- 2° Year Yearly Insurance and Stamp €27,65
- 3° Year Graduation Fee €130,00
- Yearly Insurance and Stamp €27,65
- Tot € 247,95

# Mobility programmes



## Erasmus+

Erasmus+ is the EU Programme for education, training, youth and sport.

The programme seeks to enhance the quality and reinforce the European dimension of higher education by encouraging transnational cooperation between universities, boosting mobility for university students and staff, improving transparency and full academic recognition of studies and qualifications throughout the EU.

### Erasmus+ Mobility for Study

Every year Tor Vergata University supports the mobility of about 1200 students, 700 outbound and 500 inbound. At present, there are approximately 600 Erasmus agreements between the University of Rome "Tor Vergata" and European partner universities, offering students a wide number of mobility scholarships for each academic year.

Every year the University of Rome Tor Vergata launches the Call between January and February.

### Erasmus+ Student traineeship

Erasmus + Student Mobility for Traineeship is the European Union Program that allows students to access training internships at companies, training and research centers of one of the countries participating in the Program, for the development of full-time apprentice-

ship activities, recognized as an integral part of the student's study plan (after approval of the degree program at the University to which they belong).

You can make a mobility for traineeship abroad, from 2 to 12 months.

As a tor Vergata student, you can apply: Erasmus+ NORTH-SOUTH Traineeship Consortium (internal call); Erasmus+ Student Traineeship (internal call)

Other opportunities: UNIPHARMA-GRADUATES Consortium; SEDND Consortium; MVNGO National HEI Consortium.

Every year the University of Rome Tor Vergata launches two Calls: the first one between February and March and the second one in September.

### How to apply for Erasmus +:

Erasmus+ allows a number of mobility periods for each study cycle, both for studies and traineeship. A total of 12 months of mobility are allowed for each cycle, bachelor's degree courses, master's degree courses, PhDs and a total of 24 months for one-cycle courses.





# Summer *School* programmes

## Overseas Programme – Outgoing Students

The goal of this program is to allow students of the University of Rome Tor Vergata to spend one semester at an extra-European partner university under a cooperation agreement framework for exam purposes.

The grants are allocated to different areas of destinations: North America, South America, Asia and Africa.

The courses attended abroad must be consistent with the student's course of study. During their stay abroad, students must be properly enrolled and up to date with payments, and they will earn their Degree only after their return to the home University.

Bachelor e master/one cycle

Every year the University of Rome Tor Vergata launches the Call in October.

## Thesis Abroad

The goal of this grant is to support graduating students wanting to work on their thesis abroad.

The call is for Master Degree and one Cycle graduating students who have a thesis proposal approved by a University supervisor.

Destinations can be all over the world (grants will be different for Europe and extra Euro-

pean destinations) and chosen by the student. Please note:

The total period of the stay abroad must be no less than 15 consecutive days and it must take place after the grant allocation and no later than December 31, 2018 (deadline to return to the home university).

## Mobility Confap Italy Project



The project aims at facilitating and supporting effective collaboration between the Brazilian association CONFAP and an Italian Network of Universities to further scientific, technological and innovation cooperation, through the mobility between the two countries of PhD students, Master students (Mestrado and Laurea Magistrale students) and post docs.

Find here more information:

<http://www.mci.unibo.it/en>

Every year the University of Rome Tor Vergata launches the Call between June and July.



Our Summer School programmes are a real plus on a student's curriculum. Tor Vergata offers one or two-week courses, during which students will be offered intensive lectures combined with extracurricular activities and visits depending on the programme you will choose.

Tor Vergata University offers Summer Schools for high-school, Bachelor, Master and PhD students; costs always include lectures, accommodation and transfers to and from the Airport.

A Summer School at Tor Vergata means learning from our high qualified professors and fellows, living in a wonderful Campus with six faculties, the University Hospital and the beautiful Botanic Garden, international students coming from 35 different countries. At the same time you

are embraced by one of the most beautiful cities in the world: Roma.

<http://summerschool.uniroma2.it/>

# Tor Vergata *services for you*

## Financial Support

The University of Rome Tor Vergata provides its students with over 22 annual scholarships, grants and awards for financial support. Details are available on the website.

## Housing

- **Campus X Roma:** Inside the University campus area, Campus X offers 1500 beds, 15.000 square metres of green areas and additional services such as: shuttle bus from/to school buildings, Policlinico Tor Vergata and subway; outdoor and indoor sport areas; barbecue, relax, free time and study areas. <http://www.campusx.it/en/roma-2/>
- **Laziodisu** (Italian regional body) provides students with scholarships and accommodation upon a selection based on eligibility criteria. [www.laziodisu.it](http://www.laziodisu.it)
- **Fondazione Rui** accommodation awarded to deserving students. [www.rui.it](http://www.rui.it)

## Library System and Services

Each school is equipped with its own library, offering Tor Vergata students free access to soft and hard copies. Opening hours are from 9.00 am to 10.30 pm (Monday-Friday); from 10 am to 8 pm (Saturday and Sunday).

## Digital services

There are several student-oriented digital services which foster their relations with the University. Among them we include WiFi connection, free access to Microsoft Office 365, including an institutional e-mail account, OneDrive cloud workspace, Lync online, share points to create and share documents, Office web apps; online procedures to manage student careers; Matlab, Office365, Media Library online (MLOL), Digital-library, LabView (National Instruments), Microsoft Imagine Premium.



## Facilities for Tor Vergata community: "Agevola"

The University of Rome Tor Vergata, through "AGEVOLA" initiative, gives the students the possibility of benefitting from more than 250 partnerships, offers and discounts. Check on [www.agevola.uniroma2.it](http://www.agevola.uniroma2.it) all the deals and discounts: restaurants, theatres, concerts, travels, gyms and much more.





## Languages

### University Language Centre (CLA)

The University Language Centre (CLA) supports the teaching and learning of seven foreign languages (English, French, Spanish, German, Russian, Polish and Portuguese). It caters for curricular language courses for the students enrolled at the University of Rome Tor Vergata as well as for those under EU programmes (Erasmus+). Its activities are based on relevant research in second language acquisition and educational technology.

Amongst its main aims, the Language Centre promotes multilingualism by supporting and officially certifying the foreign language competences for personal, academic and professional purposes.

[www.cla.uniroma2.it](http://www.cla.uniroma2.it)



### Centre for Italian Language and Culture of the University of Rome Tor Vergata (CLICI)

It promotes the diffusion of Italian language and culture through cultural and educational initiatives (conferences, congresses, courses, etc.) and offers courses in Italian language and culture to both Tor Vergata students and foreigners from all over the world.

CLICI organises extensive and intensive Italian language courses throughout the academic year and also provides courses for international projects. The Centre is also responsible for the training of teachers in synergy with the postgraduate specialisation course "Insegnare Lingua e Cultura Italiana a Stranieri – LCS" (Teaching Italian Language and Culture for Foreigners), organised by Scuola IaD.

[www.scuolaiad.it/home-clici-eng](http://www.scuolaiad.it/home-clici-eng)

## Tor Vergata Shuttle Bus

Two free shuttle buses are available for students from **Tor Vergata train station** and from **Anagnina underground station** to the University buildings. Routes and timetables are available on University website: [www.uniroma2.it](http://www.uniroma2.it)

## Tor Vergata Placement



The Office is dedicated to connect students and graduates of the University of Rome Tor Vergata with the job world. Through recruitment initiatives, students have the opportunity to establish a direct contact with the companies and get acquainted with the

professional world before obtaining their university degree. **Tor Vergata calls Business with two Career Days:** the University holds two important events for students and graduates to meet up with companies looking for talents.



## Welcome Weeks

The welcome weeks are dedicated to welcome and orientation activities for all students arriving at the University of Rome Tor Vergata.

Our Staff welcomes all the international students in September, supporting them with stay permit and other administrative procedures necessary to study in Italy.

We also provide information about public transportation, health insurance, campus life and other useful students' services.

## IaD School

The IaD School builds methodological and technological skills through online and/or blended teaching and learning. <http://www.scuolaiad.it/>

# Cultural, sports and leisure activities



## Sports

The University of Rome Tor Vergata is located on a six-hundred-acre campus and hence has a natural vocation for sports. Sports facilities consist of two 5-a-side soccer fields, a tennis court, a basketball court and a volleyball court. They integrate with a number of private sport centres close to the campus which are University partners in order to offer students, professors and technical and administrative staff a diverse range of sports disciplines.

The recent establishment of a **University Sports Centre (Centro Universitario Sportivo - CUS)** introduced new sports facilities for Tor Vergata students. CUS offers the opportunity to play sports at amateur and competitive level in many disciplines (11-a-side and 5-a-side soccer, basketball, cycling, judo, rugby, swimming, volleyball, tennis, athletics, weightlifting, karate, boxing, taekwondo, beach volleyball, canoeing, fighting, shooting, fencing, table tennis, etc.). CUS relies on technicians in Sport and Exercise Sciences providing advanced skills to achieve considerable results at a national and international level. Important successes in National Student Championships (CUSI), European Students Championships (EUSA) and World University Championships (FISU) – where Tor Vergata students have won many medals – testify this, as Daniele Garozzo, Medicine and Surgery student, wins gold medal men's fencing Rio Olympics 2016.

A **Sports Festival** and a **Sports Culture Week** are organised in May with the participation of students and visitors. They offer a chance to rethink sports and physical activities as tools to promote wellness and health.

The University is also famous for awarding the yearly Prize 'Tor Vergata – Ethics in Sports', now reaching its 14th edition. This event has seen the presence of great sports personalities – both domestic and international – who are famous for their fair play and commitment to sports and social issues (Alex Zanardi, Valentina Vezzali, Michel Platini, Cesare Prandelli, Carlton Mayer, Alex Ferguson).

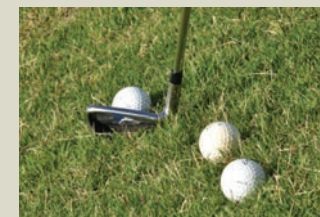


## Tor Vergata Sailing Club

It is an amateur sports club where to practice sea sports and sailing sports.



## Garden Golf University



The University of Rome Tor Vergata is the first Italian University and one of the few worldwide with a golf course. It is the first illuminated practice field in Rome featuring a golf school.



## Music

### Roma Sinfonietta and the Association of music today

organise a season of concerts at the University of Rome Tor Vergata, Auditorium "Ennio Morricone" at the Macroarea of Humanities and Philosophy.

The 2016/2017 season has further expanded its range, embracing chamber music of the great composers and jazz, contemporary music theatre and traditional music of the Italian regions, the "bel canto" and tango, the music of medieval poems and meetings with today's composers.

### If you like to sing, you can become part of the Choir of Tor Vergata

founded in 1997 by Agostino Ziino, Professor of History of Music at the University of Rome Tor Vergata and its Artistic Director. Professors, students and technical staff of the University take part in this project, which is officially recognised as the Ateneo Choir. Since 1999, the Choir has been

permanently conducted by Maestro Stefano Cucci. If you are interested, visit the Facebook page of Choir Claudio Casini.

If you like playing music, you can book a **music rehearsal space** dedicated to music-making at Campus X!



## Botanic Garden

The Botanic Garden of the University of Rome Tor Vergata (TVBG) was created in 2005 within the area of the university, on a surface of approximately 82 hectares, which makes it the biggest university Botanical Garden in Europe. It represents a new concept among botanical gardens, targeting several aims at the same time: didactic, research, innovation and support to industrial development. For that reason, TVBG has pursued four vocations, acting as a cultural, educational, social and scientific institution at once.

It is managed by a team of botanists together with professors and researchers from the Department of Biology belonging to the University of Rome Tor Vergata. [www.bio.uniroma2.it/ortobotanico/](http://www.bio.uniroma2.it/ortobotanico/)

## "Archeologia Per Roma" Museum

"Archeologia Per Roma" Museum is the first didactic and interactive museum of Archaeology in Rome. It offers an original viewpoint on the whole of the Capital's Archaeology describing a different relationship between the City Centre and suburban areas. The programme schedules a number of didactic, cultural and leisure activities for both adults and children which are organised by CESTER, a University spin-off.

Entry to the Museum is free of charge.

[www.museoapr.it](http://www.museoapr.it)

## Psychological Counseling and sex counseling service

The Psychological Counseling Centre provides students with information about their psychological and aptitude level using interviews and psychometric assessment. The Sex Counseling Service, which is unique in Italy, free and open to the entire university community, has the aim to meet the help requests for sexual, emotional, or relational problems, as well as for sexual orientation, gender identity or for any abuse related to sexuality.

## Services for students with disabilities or Specific Learning Difficulties (SLD): the CARIS Commission

The CARIS commission provides services to encourage a full and active participation to the academic life of students with disabilities, specific learning difficulties or temporary difficulties. CARIS offers: tutoring services and personal guidance on campus and in the classroom, loan services for text books and computer equipment, software and specific technological aids, sign Language interpreters or stenotypes for hearing impaired students, assistance for entry exams to degree courses, speech therapy available for students with speech impediments and learning disabilities in order to prepare students for exams, counseling services for psychological and emotional needs, total exemption of university fees for students with certified disability higher than 66%, partial exemption for students with certified disability between 46% and 65%, transportation services with vehicles equipped for students with disabilities upon request. Also CARIS promotes cultural and sports activities such as theater classes, sailing, writing, painting classes and indoor and outdoor sports.

[www.caris.uniroma2.it](http://www.caris.uniroma2.it)    [www.facebook.com/CARISuniroma2/](http://www.facebook.com/CARISuniroma2/)



## White code room

The University of Rome Tor Vergata offers to its international students and those coming from other Italian regions a new service for basic health care.

The service is free of charge for all Italian students residing outside Lazio, for all European students who have an ENI card number and for students of any nationality enrolled in the Italian National Health Service (SSN/SSR). Support will also be given to those students that want to be enrolled in the National/Regional Health Service. Examination rooms are located in the Occupational Health Department of the University Hospital. This facility is organized on a walk-in basis, without any appointment. Students may obtain the following services:

- A normal medical examination
- ECG and blood pressure check
- Prescriptions (according to the doctor's examination) of therapies, blood tests, instrumental investigations, specialist examinations
- Health certificates for gym.

# Tor Vergata *for Sustainable Development*

In order to outline the strategies necessary for the development of a "positive university", **the University of Rome Tor Vergata embraces the United Nations Development Global Strategy implemented in 2015 and the Sustainable Development Goals**, thus making it the heart of its own mission and institutional vision.

Within this framework, together with ASviS (the Italian Alliance for Sustainable Development), the University takes a concrete action in offering its important contribution to the challenge set by the Agenda of 2030: **to promote a sustainable global development on the economic, social, environmental and institutional level.**





# How to reach Tor Vergata University

## By car

Take Exit number 19-20 from the Grande Raccordo Anulare (GRA), the highway ring surrounding the city. Direction: Romanina – 2° Università

## By train

Roma Termini  
Once there, take the subway Line A toward Anagnina, the last stop.  
Once there, take Bus number 20 or 500 (depending on your final School destination) that will take you in a few minutes to the Tor Vergata Campus.

## Main public transportation

(Metro and Bus ticket cost 1,50 euro)

### Metropolitana – Linea “A” (Orange) to Anagnina station

- Get off at Anagnina (last stop) and take the Bus 20 Express to reach: Central Administration Offices, School of Law, School of Economics; Engineering; Humanities and Philosophy; Mathematical, Physical and Natural Sciences; Medicine and Surgery
- Get off at Anagnina (last stop) and take the bus 500 to reach: Medicine and Surgery; Mathematical, Physical and Natural Sciences;
- Get off at Anagnina (last stop) and take the bus 506, 507, 509 to reach: Central Administration Offices, School of Law

### Metropolitana Linea “C”

- Get off at Torre Angela and take Bus 500, 506 and 20 Express

**Cotral extra-urban lines:** Cotral services connect many municipalities of lower Lazio with the Anagnina underground station, crossing the university campus “Tor Vergata”.

## From the airport

### Fiumicino Airport Leonardo da Vinci

#### By car

- From the Roma – Fiumicino Highway enter into GRA, direction NAPOLI, then take Exit 19-20 (Romanina – 2° Università)

#### By train

- Take the Leonardo Express from Fiumicino Airport to Roma Termini (Rome main railway station). There you can catch the Metro Line A from Termini to Anagnina, getting off at the last stop, Anagnina
- Train from Fiumicino Airport Railway to Roma Tuscolana station, walk for 5 minutes to the Metro Line A stop, Ponte Lungo, take it toward Anagnina, and exit at the last stop, Anagnina

### Ciampino Airport

- Take the Blue Bus ATRAL or ATAC bus to Anagnina Metro Station. From there take the Bus service (see main public transportation).

# Contacts

## Welcome Office

Via Cracovia n.50 (building C, room C1.01)

Tel. +39 06 7259-2817/3234

welcome@uniroma2.it

## International Students Office

Tel. +39 06 7259-2567/2566/3231

international.students@uniroma2.it

## International Relations Unit

Tel. +39 06 7259- 2556

relazioni.internazionali@uniroma2.it

## International Students Recruitment Unit

Tel. +39 067259-2324

recruitment@uniroma2.it

## Erasmus Office

Tel. +39 06 7259-2555/2225

erasmus.ateneo@uniroma2.it

<http://torvergata.lipmanager.it/>



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Università Tor Vergata

**Do you want to take a virtual tour of our Campus?**

<http://utov.it/b/strtv>



# Fees

## for A.Y. 2018/2019

### FIRST YEAR STUDENTS – FEES FOR THE AY 2018/2019

#### Tuition Fee Regulation

Tuition fees at the University of Rome Tor Vergata for the **A.Y. 2018/2019** will be based on the student's family income and no extra-fee will be charged for courses taught in English.

International students' family income can only be certified by the Italian Diplomatic Authorities (local Consulate or local Embassy), which students should consult in order to know what documents are needed for such certification. Once the proper documentation is submitted to the Italian Diplomatic Authority, it will provide the student with the certified documents that need to be brought to any CAF Office (Italian Tax Service Centres) after arriving in Rome.

The CAF office will deliver to the student the ISEEU module necessary to then determine the student's yearly tuition fee amount.

Not submitting the ISEEU to the University will imply for the student the payment based on the maximum rate of the yearly fee of the course (80% of the maximum rate for the students coming from low-income economies or lower-middle-income economies<sup>1</sup>; 100% of the maximum rate for all the other international students).

The student must get the ISEEU module at the CAF Office no later than **17<sup>th</sup> December 2018**; after this date, a non-refundable late submission penalty will have to be paid by the student, according to the following table:

ISEEU Submission	Penalty
From 18th Dec 2018 to 15th March 2019	150 euro
From 16th March 2019 to 31st May 2019	200 euro

#### NB: - Deadline for the payment of the First Instalment

For the students enrolling in the first year, the first instalment must be paid during the enrolment procedures. If this is not specified in the course call, the first instalment must be paid by **November 5<sup>th</sup> 2018**.

<sup>1</sup> Please see here the list of relevant countries (Art.1), according to the Italian Ministry of Education.

<sup>2</sup> All students, independently from the LazioDisu scholarship, have to submit the ISEEU, in order to obtain tax reductions in case the LazioDisu scholarship is no longer awarded or is withdrawn.

<sup>3</sup> ISEEU lower than **13.000 euro**

<sup>4</sup> ISEEU higher or equal to **90.000 euro**

#### Tuition Fee Amounts

Yearly tuition fee amounts vary depending on the ISEEU index, calculated by the CAF Office, as follows:

- Students with an **ISEEU lower than 13.000 euro** are in the tuition "no-tax area" and will only be charged with a tuition of 156,00 euro per year; students applying for the Laziodisu scholarship benefits will only be charged with 16,00 euro<sup>2</sup>.
- **ISEEU between 13.001 euros and 90,000 euros**: the contribution will be proportional to the value and will vary according to the contribution class and the type of taxation of the course;
- ISEEU more than 90,000 Euros or for students that have no ISEE-University: the contribution will be the maximum foreseen for the contribution class and type of taxation of the course.

In order to better understand the taxation system, listed below is a fee simulator: <http://iseeu.uniroma2.it> select "Simulatore tasse 2018/19".

Maximum tuition levels vary according to courses. Please find in the following table minimum and maximum tuition fees for programmes taught in English:

Programme	Minimum Fee <sup>3</sup>	Maximum Fee <sup>4</sup>
One-cycle degree in Medicine and Surgery	156,00	6.105,00
One-cycle degree in Pharmacy	156,00	5.210,00
Bachelor of Science in Business Administration and Economics	156,00	5.210,00
Bachelor of Art in Global Governance	156,00	8.255,00
Bachelor of Science in Engineering Sciences	156,00	3.895,00
M. Sc. in Business Administration	156,00	6.105,00
M. Sc. in Economics	156,00	5.210,00
M. Sc. in European Economy and Business Law	156,00	6.105,00
M. Sc. in Finance and Banking	156,00	5.210,00
M. Sc. in ICT and Internet Engineering	156,00	2.932,00
M. Sc. in Chemistry for Nano Engineering <i>Erasmus Mundus Joint Master's degree shared by three Partner universities (France, Poland, Italy) funded by Erasmus + programme</i>		
M. Sc. in Mechatronics	156,00	2.932,00
M. Sc. in Physical Activity and Health Promotion	156,00	3.895,00
M. Sc. in Biotechnology	156,00	3.895,00
M. Sc. in Astrophysics, Physics for Instrumentation and Technology, Physics of Complex System and Big Data	156,00	2.932,00
M. Sc. in Science and Technology of Materials	156,00	2.932,00
M.A. in European History	156,00	2.932,00
M.A. in Art History in Rome from Late Antiquity to the Present	156,00	5.210,00

**Please note** that not passing and registering exams (10 credits at least) within **10<sup>th</sup> August 2019** will affect the student's tuition fee for the enrollment to the second year, significantly increasing the yearly amount.





*Villa Mondragone*



**Visit our website**

