



SAPIENZA
UNIVERSITÀ DI ROMA

PROGRAMMES IN ENGLISH

[ONLINE PRE-SELECTION](#)

[RESTRICTED ACCESS PROGRAMMES](#)

[ERASMUS MUNDUS PROGRAMMES](#)



ONLINE PRE-SELECTION

Pre-selection platform: sapienza.gomovein.com
Admissions webpage: www.uniroma1.it/en/admissions2022

BACHELOR'S PROGRAMMES

BSc Applied Computer Science and Artificial Intelligence	5
BA Classics	7
BA Global Humanities.....	8
BSc Sustainable Building Engineering	9

MASTER'S PROGRAMMES

MSc Architecture (Conservation)	10
MSc Architecture - Urban regeneration.....	11
MSc Artificial Intelligence and Robotics	12
MSc in Atmospheric Science and Technology for Meteorology & Climate.....	13
MSc Biochemistry	14
MSc Business Management	15
MSc Chemical Engineering.....	16
MSc Clinical Psychosexology	17
MSc Cognitive Neuroscience	18
MSc Computer Science	19
MSc Control Engineering.....	20
MA Cultural Heritage in the Near and Middle East, and Africa	21
MSc Cybersecurity.....	22
Msc Data Science.....	23
MSc Design, Multimedia and Visual Communication	24
Msc Development and International Cooperation Sciences	25
MSc Economics.....	26
MSc Economics and Communication for Management and Innovation.....	27
MSc Electrical Engineering	28
MSc Electronics Engineering	29
Msc Energy Engineering.....	30
MSc Engineering in Computer Science.....	31
MA English and Anglo-American Studies.....	32
MSc Environmental Engineering for Climate Change Adaptation and Mitigation.....	33



MA European Studies	34
MA Fashion Studies.....	35
MSc Finance and Insurance	36
MSc Genetics and Molecular Biology.....	37
MSc Health Economics.....	38
MSc Landscape Architecture	39
MSc Management Engineering.....	40
MSc Mechanical Engineering.....	41
MA Mediterranean Archeology.....	42
MSc Environmental and Sustainable Building Engineering	43
MSc Nanotechnology Engineering	44
MSc Physics	45
MSc Product and Service Design.....	46
MSc Science and Technology for the Conservation of Cultural Heritage.....	47
MSc Space and Astronautical Engineering	48
MSc Statistical Methods and Applications.....	49
MSc Transport Systems Engineering.....	50



SAPIENZA
UNIVERSITÀ DI ROMA

RESTRICTED ACCESS PROGRAMMES

(pre-selection not available)

[BSc Bioinformatics](#)

[MA Classical Archeology](#)

[MD Medicine and Surgery](#)

[BSc Nursing](#)

ERASMUS MUNDUS PROGRAMMES

(online applications through programme websites)

[MSc Archaeological Materials Science](#)

[MSc Sustainable Transportation and Electrical Power Systems](#)



BSc Applied Computer Science and Artificial Intelligence

Bachelor's programme - Taught in English – Duration: 3 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 05/09/2022

DESCRIPTION:

The Bachelor's programme in Applied Computer Science and Artificial Intelligence aims at providing learners with specific skills in **artificial intelligence** and the most important areas of **applied computing**. Graduates in Applied Computer Science and Artificial Intelligence will have a **solid foundational background** as well as **technical training**. This combination of perspectives will allow them to keep up with the most recent **advancements of information and communication technology** and provide a basis for a **rapid career** in the field. In addition, they will be able to access **postgraduate programmes in the area of information technology**.

The detailed exposure to the fields of applied computer science and artificial intelligence will equip graduates with: familiarity with the **scientific method of investigation**;

- the ability to understand and make proper use of **mathematical tools**;
- methodological knowledge and basic skills in a wide range of fields of science, information and communication
- technologies, including the most modern artificial intelligence techniques;
- knowledge of the subject directly in **English**, so as to be ready to enter the international academic and industry contexts.

To this end, the first two years of the programme, which are the same for all students, cover topics that are deemed as indispensable for the cultural and technical training of the graduate, such as mathematics, physics and statistics, computer science and artificial intelligence. During the third year, in addition to completing this training, students will be able to choose courses that will characterise their profile in the most relevant areas of applied computer science. Furthermore, students will integrate their education path with subjects in economics or law. The programme also includes an internship, to be carried out either within **companies in the IT sector** (typically on topics such as software design and development, data analysis, artificial intelligence, systems and networks) or at the university, investigating advanced research issues in applied computer science and artificial intelligence within the **academic environment**.

For further information, please check out the [official website](#) of the Bachelor in Applied Computer Science and Artificial Intelligence and the [FAQs page](#).

PRE-SELECTION

To be preselected for the degree program, a high school diploma (or equivalent qualification) earned after no less than 12 years of studies is required. Also, adequate knowledge of English is necessary. To successfully tackle the study path, basic knowledge of physics and mathematics is needed, which is normally provided by the upper secondary school. Logical and comprehension skills of written texts and speech are also required, as well as mastery of expression through writing. To that end, we require that one (or more) of the following tests be successfully passed: [SAT](#) (College Board), [English TOLC-I](#) (CISIA), [Italian TOLC-I](#) or [TOLC-S](#) with the additional English section (CISIA). Documents attesting achievements that are of interest to the pre-selection should be added there – for example, the Advanced Placement (AP) tests.

CAVEAT

The candidate is required to consistently use **the same email address** during the whole process (i.e., for the registration to the pre-selection platform, the entry tests, all email communications, etc.). Using different email addresses could cause exclusion from the pre-selection and admission procedures.

Notice that the preselection does **not** suffice for the **enrolment**. Successful preselection applicants are required to take part in the subsequent **admission** procedure (the call is going to be published soon). Please make sure to **carefully check** every piece of information entered and every document attached *before* submitting them, as the replacement or addition thereof **cannot** be granted once the application is submitted.

We express our gratitude in advance for your collaboration and understanding!



REQUIREMENTS

Minimum entry test scores (acquired from the 1st of January 2020 on):

- SAT (College Board): 960 out of 1600;
- English TOLC-I (CISIA): 18 out of 50;
- TOLC-I in Italian + additional English section (CISIA): 18 out of 50 + 24 out of 30;
- TOLC-S in Italian + additional English section (CISIA): 18 out of 50 + 24 out of 30;

:

Minimum English **language requirements: Upper-intermediate (CEFR Level B2)**. The following test scores are accepted:

- FCE – First Certificate in English;
- IELTS (academic) with a minimum score of 5.5 out of 9.0;
- TOEFL (valid) with a minimum score of 72 out of 120 (internet-based);
- CAE – Certificate in Advanced English;
- CPE – Certificate of Proficiency in English
- PTE – Pearson Test of English General, Level 3 – B2 CEFR or higher (valid)
- PTE – Pearson Test of English - Academic, with a minimum score of 42.

Candidates are exempted from the submission of the aforementioned test scores testifying the knowledge of English if they submit one of the following:

- an International Baccalaureate (IB) in English;
- a General Certificate of Education (GCE) in English;
- **(only for EU applicants** and non-EU citizens legally residing in Italy) a SAT test score of 960 out of 1600, or an English TOLC-I (CISIA) score of 36 out of 50.

More information:

<https://acsai.di.uniroma1.it/> | <https://tinyurl.com/acsai-sapienza-faq> | acsai@di.uniroma1.it

Due to the volume of email messages we receive, we may not be able to respond to questions for which an answer is already available on the website.



BA Classics

Bachelor's programme - Taught in English – Duration: 3 years

[NON-EU Students] Applications open from 20/01/2022 to 15/07/2022

[EU Students] Applications open from 20/01/2022 to 30/09/2022

DESCRIPTION: To study Classics means dealing with the people and society that have shaped Cultures, Languages and Politics in the Western world. Artefacts and texts surviving from ancient Italy, Greece and other “Provinces” of the Roman Empire (Europe, Near East, North Africa) are still substantial and relevant markers in today's physical and cultural landscapes all around Europe and Mediterranean.

The study of Ancient Greek and Latin will allow you to read and understand the voice of the Classical world: poets, historians, dramatists, scientists, mathematicians, architects, lawyers, magistrates, rulers as well as craftsmen, peasants, bakers, masons, men and women in their everyday lives.

On the other hand, archaeological tools, procedures and methods will enable you to reveal, perceive, reconstruct and communicate the material complexity of the changing structure of monuments, places and territories.

Such a way of being engaged with and looking at Classics will reveal to you the Past as a part of an historical process that influenced and continues to influence our Present. Modern questions and present challenges are the best cultural access point to an “actual” knowledge, interpretation and dissemination of Greek and Roman Culture as a part of common Human Heritage. You will take over the methods of philology, art history, archaeology, law, philosophy and science. All this will provide you all the necessary tools to understand the past and move easily between the two cultures that merged under the insignia of the Roman Empire.

In order to be admitted to the degree course in Classics, you must have completed a secondary school diploma or other qualification abroad, officially recognized to get access to the Italian Higher Education system (at least 12 years of schooling).

The following knowledge and skills are also required:

- good general culture;
- logical and reasoning skills;
- ability to read, understand and interpret texts;
- English language level B2;
- a SAT score equal to or higher than 960/1600.

More info:

classics.sapienza@uniroma1.it



BA Global Humanities

Bachelor's programme- Taught in English - Duration (Years): 3

[NON-EU Students] Applications open from 01/12/2021 to 15/06/2022

[EU Students] Applications open from 01/12/2021 to 30/09/2022

DESCRIPTION:

"Global Humanities" is an undergraduate degree programme entirely taught in English that combines innovative teaching methodologies with participatory learning in the fields of Humanities and Social Sciences. The programme explores histories, cultures, philosophies, critical theories, politics and arts through courses in History, Anthropology, Literature, Media, Law, Human Rights, Migrations, Gender and Society, Psychology, Public Health and more. Students will be able to select courses within the programme to create flexible and career-oriented curricula that take into account the background and the specific interests of every student. This BA course opens doors to new career opportunities, taking students on an exciting journey of learning and discovery in the fields of cultural institutions, the public and no-profit sectors, education, media, journalism, and more. The programme partners with other organizations and institutions to offer a vibrant curriculum that pursues the study of 'Humanities for Hope' to achieve 'Humanity for All'.

ADMISSION REQUIREMENTS:

- High School Diploma (or equivalent qualification) earned after **no less than 12 years** of studies
- Knowledge of **English (at least B2 level-intermediate)**. We will be accepting the following certificates: IELTS, TOEFL, TOEIC, Cambridge Assessment English, MET, Pearson English International Certificate, Oxford Text of English. The certificate of English needs to be submitted on the international platform at the moment of the pre-enrollment application.
- One of the following (**compulsory**): SAT (College Board), English TOLC-E.

PLEASE NOTE:

For those students who belong to **specific 'categories of vulnerability'** (refugees; asylum seekers; displaced and/or stateless people; people coming from war-torn countries; students affected by **certified/certifiable** psychological, physical or cognitive disabilities), or those students who are **native speakers** or have been awarded a High School Diploma totally taught in English, the Committee of the Credential Evaluators will assess every individual case and **at discretion decide how to proceed with the language assessment**.

For the students belonging to the aforementioned **'categories of vulnerability'**, the President of the Degree Programme, together with a dedicated Committee, will evaluate every single case and the related documentation and proceed according to the specific needs of the student.

Please note that the preselection does not suffice for the enrolment but the preselection letter is compulsory to proceed to the following steps of the admission.

Successfully pre-selected applicants are required to take part in the subsequent **admission procedure (you are strongly advised to carefully read the Call)**. Please make sure to **double check** every piece of information entered and every document attached **before submitting your final application**, as the replacement or addition of uploaded documents or the correction of names/surnames **cannot be granted** once the application is submitted.

The Programme's full curriculum and the Call for Applications are available at <https://corsidilaurea.uniroma1.it/en>

More info:

globalhumanities.sapienza@uniroma1.it

mara.matta@uniroma1.it

benedetta.panciroli@uniroma1.it



SAPIENZA
UNIVERSITÀ DI ROMA

BSc Sustainable Building Engineering

Bachelor's programme - Taught in English – Duration: 3 years

[NON-EU Students] Applications open from 16/12/2021 to 31/05/2022

[EU Students] Applications open from 16/12/2021 to 15/09/2022

DESCRIPTION: The Degree aims to familiarize students with the knowledge and skills which provide a sustainable future for existing buildings as well as for those they will design and build. The main purpose of this degree is to update traditional, world-renowned, Italian civil engineering skills, with a particular focus on sustainable development. To achieve this target, the Degree will ensure the acquisition of scientific and technological contents aimed to design, plan and manage solutions in terms of sustainable architecture, built environment sustainability of territories, following these principles: Lower energy demand and consumption buildings; Exploit climate and natural resources to develop passive design strategies and sustainable architecture; Reuse or recycle building materials; Extend the lifetime of buildings; Risk-free return of materials to the natural cycle; Adopt a sustainable use of the territory; Reduce urban sprawl, promote urban renewal and protection of natural areas

Academic Requirements: To be eligible for this Bachelor's degree it is mandatory to have a 12-year school Diploma or 11 years and at least 1 year of technical university enrolment.

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the principle language of instruction.

More info: sbe@uniroma1.it



MSc Architecture (Conservation)

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/02/2022 to 31/05/2022

[EU Students] Applications open from 01/02/2022 to 30/09/2022

DESCRIPTION: The Master's degree revolves around the themes related to interventions on the existing architectural and environmental heritage. The specific objective of the Master's degree is the achievement of a peculiar sensibility and ability related to the modalities of intervention on pre-existing architectural and environmental heritage, and to the quality design of new architecture, taking into account the relationships with the pre-existent and the historical city. The Master's Degree builds up on the skills acquired in the bachelor's degree, enhancing them to a specialist's level, with particular reference to:

- the historical-critical analysis of architecture, in its broadest sense (from the single manufacture to landscape and environment);
- the ability to plan and execute, both with reference to modern architectural production and to the conservation and recovery of pre-existing structures;
- specific scientific knowledge, acquired critically.

Programme's website:

<https://sites.google.com/uniroma1.it/architectureconservation/home>

<https://corsidilaurea.uniroma1.it/en/corso/2021/30815/home>

Academic Requirements: at least a three-year university degree (Bachelor's degree) in **Architecture**.

Preferential topics for evaluation are: Building and Urban Design, History of Architecture, Architectural Survey and Drawing, Architectural or Building Technology and Architectural Conservation and Restoration.

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction. In this case the course reserves the possibility to verify the level through an interview via Skype.

More info: architectureconservation@uniroma1.it



MSc Architecture - Urban regeneration

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 30/09/2022

DESCRIPTION:

The Master's programme in Architecture - Urban Regeneration aims to provide a professional solution to the need of a new profile of fully-fledged architect, in cultural and professional terms and not merely formal, within the European context; a fast shaping context in which the issues of urban regeneration play a role of particular relevance, also highlighted by issues identified in the European and international urban agenda, as well as, more recently, in the national urban agenda being defined. An architect trained to investigate, configure and support urban regeneration processes, dedicated to the project as research and as a process of continuous experimentation; capable of providing adequate responses to the regeneration processes of the contemporary city at all scales and in an integrated way, combining complexity to restore perspectives of social equity, well-being and inclusion, of ecological quality, of historical-environmental sustainability, effectiveness and efficiency in the use of resources. A professional figure with a design, technical and technological competence capable of managing the emergency nature of phenomena and in territories, such as those of Italian cities, strongly characterized in terms of stratification and fragility of the various components, and yet, at the time itself, responding to the lines of action and strategic guidelines of the context and of the European Urban Agenda

Admission to the Master's Degree is subject to the academic requirements requested by the scientific field of study and the adequacy of personal preparation.

Academic Requirements:

at least a three-year university degree (Bachelor's degree) in **Architecture, Architectural Engineering;**

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction. In this case the course reserves the possibility to verify the level through an interview via Skype.

More info: architecture_urbanregeneration.lm4@uniroma1.it



MSc Artificial Intelligence and Robotics

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 19/11/2021 to 16/04/2022

[EU Students] Applications open from 19/11/2021 to 10/09/2022

DESCRIPTION: The aim of the Master in Artificial Intelligence and Robotics is offering students the ability to interact with professional workers in Computer Science, Artificial Intelligence, Robotics, Mechanical, Electronics and Control Engineering and with professional users of the involved application areas such as the ones which need the representation and the use of knowledge or sensorial information, automatic machine learning, real time planning, industrial robotics and services, video and pictures detection and simulation and human-computer interaction.

Career opportunities: 1. Design and realization of robotic systems for service and industrial applications, specifically for security, space, home, elderly people, medicine; 2. Design and realization of intelligent systems as knowledge management systems and big data extractions, graphic systems and animation, for cinema and videogames industries, video surveillance systems and video systems for assuring the quality of products and services.

Academic Requirements: An applicant must have an undergraduate degree in **Computer Engineering, Computer Science, or other scientific disciplines**

specific topics are: • Mathematics: Basic notion of Geometry and Linear Algebra. Vectors and matrices. Solution of linear systems of equations. Basic notions of Calculus. Numerical integration of differential equations, numerical differentiation of signals. Basic statistics. • Physics: Kinematics of a point and of a rigid body in 3D. Specific background for Computer and System Engineering: • Automatic Control: The concept of dynamical system. Linear transfer functions. The principle of feedback and its properties (stabilization, rejection of disturbances, robustness to uncertainties). • Computer Science/Engineering: Good programming skills (not only MATLAB), including object-oriented programming and memory management. Knowledge of algorithms and data structures, operating systems, computer networks. Development of software applications of medium size.

Minimum GPA: 70/100

Selected students will be invited for a Skype interview for an assessment of their skills and background. The interview will include technical questions related to the aforementioned background. We also suggest students to take a look at the core courses of the curriculum to have a better understanding of the course requirements:

<https://corsidilaurea.uniroma1.it/en/corso/2021/30431/home>

Reference Materials: <http://www.diag.uniroma1.it/~automatica/uploads/BasicKnowledge.pdf>

Minimum English Language Requirements: Upper Intermediate (CEFR Level

B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Note that the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

Please, before sending your application, **carefully read the following link**, in order to be informed on the different documents we kindly request you to provide us with:

<https://corsidilaurea.uniroma1.it/it/node/2462875>



MSc in Atmospheric Science and Technology for Meteorology & Climate

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/01/2021 to 31/05/2021

[EU Students] Applications open from 01/01/2021 to 15/09/2021

DESCRIPTION: LMAST is a Master of Science (MSc) degree in the Physics class (LM-17), organized as an international inter-university programme, jointly proposed by the Sapienza University of Rome and University of L'Aquila. The unique feature of LMAST programme is to educate master students with solid knowledge and specific skills in the domain of atmospheric science from a physics and an engineering perspective. LMAST includes fundamentals of fluid mechanics, meteorology, electromagnetics and statistical mechanics as well as satellite Earth observation, radar meteorology, atmospheric remote sensing, dynamical meteorology and climatic modelling, environmental meteorology and monitoring. LMAST emphasizes system-related and interdisciplinary aspects aiming at forming experts in the fields of research, educational, professional and industrial careers. The LMAST graduate can obtain the Statement of learning curriculum conformity to the World Meteorological Organization (WMO) Recommendation BIP-M 1083.

Academic Requirements: Candidates, wishing to apply to LMAST, are required to have a Bachelor degree and curriculum background with the following requirements: BSc in Physics or a degree in a technical-scientific subject with a list of exams showing a strong background in mathematics (calculus, algebra, analysis, numerics) and physics (classical and modern) as well as in chemistry and computer programming.

Minimum GPA: 76/100

The LMAST Admission Committee may request an interview with the prospective students via Skype or other services. The number of students per year of LMAST MSc programme is not limited.

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the principle language of instruction.

More info: lmast.univaqsapienza@uniroma1.it; www.lmast.it



MSc Biochemistry

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 30/06/2022

DESCRIPTION: The Master's programme places Biochemistry, as a common thread of biological molecular processes, at the very centre of the students' educational path, making it the interpretative key of their future professional and working approach. The aim of the programme is to create a professional figure that operates at the interface between Biology and Chemistry, at the service of applied and basic research, and of the production of goods and services. The degree programme provides in-depth theoretical knowledge of the main fields of Biochemistry, Biochemical Methodologies and Biotechnologies, as well as a solid practical preparation, thanks to the presence of laboratory classes and a laboratory placement, aimed at the preparation of an experimental thesis, which can be carried out in Academia or in public and private research institutions. The educational path of the programme is divided into three main learning areas: Structural and functional biochemistry; Cellular biochemistry, Physiopathology and Pharmacology; Biochemical Methodologies and Biotechnologies. It also includes a fourth Specialisation Area consisting of a panel of elective courses in Advanced Biochemistry, Medical and pharmaceutical, and Nutritional and Agro-industrial fields. Students will also acquire knowledge of Bioethics, Patenting, Regulation and Communication Skills.

ADMISSION REQUIREMENTS: Admission to the Master's degree programme in Biochemistry requires a three-year (minimum) Bachelor degree in the areas of Biological Sciences and Biotechnology with a basic background in Mathematics and Physics. The degree program is also open to students with a Bachelor degree in the areas of Chemistry and Physics, conditioned to the possession of a background in biological disciplines such as Cellular biology, Biochemistry and Molecular Biology. A good knowledge of spoken and written English is mandatory. Application documents will be evaluated first. Students with a curriculum that satisfies the minimum requirements on basic (Bachelor) education mentioned above will be interviewed for admission. During the interview, candidates will be evaluated on the basis of their knowledge of the above-mentioned disciplines.

INFORMATION:

The candidate is required to consistently use the same email address during the whole process (i.e., for the registration to the pre-selection platform, the admission procedure, all email communications, etc.). Please note that the preselection does not guarantee enrollment. Applicants who acquire the preselection are required to take part in the subsequent admission procedure (the call will be announced on the Master's Degree in Biochemistry webpage (in "Catalogo corsi di studio" of Sapienza University <https://www.uniroma1.it/en/pagina-strutturale/programmes-and-admissions>).

Concerning tuition fees, foreign students who do not have a tax domicile in Italy or declare their income abroad, will pay a fixed amount. The exact amounts (differentiated between developing and non-developing countries), as well as further information and updates, are available at the Tuition and fees webpage

<https://www.uniroma1.it/en/pagina/tuition-fees-and-grants>

We strongly suggest the preselected candidates to start looking for grants and scholarships as soon as possible.

This is of fundamental importance. Please have a look at <https://www.uniroma1.it/en/pagina/scholarships-0> and <https://studyinitaly.esteri.it/en/node/30>

Please make sure to carefully check every piece of information entered and every document attached before submission, as the replacement or addition of information and documents will not be possible once the application is submitted.

Minimum GPA: 78/100

Minimum English Language Requirements: Upper-Intermediate (CEFR Level

B2) The following test scores are accepted:

- IELTS Academic 5.5 or higher
- TOEFL iBT 80 or higher
- Cambridge B2 First or higher
- TOEIC Listening&Reading 720 or higher

Students without one of the above certificates will be asked to attend an online interview.

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: LMBiochemistry.dsb@uniroma1.it



MSc Business Management

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 29/11/2021 to 30/05/2022

[EU Students] Applications open from 29/11/2021 to 10/09/2022

DESCRIPTION: The Degree Programme (CdS) in Business Management (class LM-77) aims to provide students with the advanced knowledge and skills in management and entrepreneurship needed for effectively addressing problems of firms in a fast-changing society. The Study Plan is structured as follows: Curriculum Business Management (taught in English) Double Degree - La Sapienza Università di Roma - SRH Hochschule Berlin - Northern Illinois University – Dekalb Moscow State Institute of International Relations (MGIMO) - North-Caucasus Federal University (NCFU) - Institute of Economics and Management - Stavropol Curriculum Marketing Curriculum General Management and Sustainability.

Academic Requirements: For more information please visit our website <https://corsidilaurea.uniroma1.it/> and for more specific information check here https://web.uniroma1.it/dip_management/didattica/corsi-di-laurea-magistrale/management-delle-imprese-manimp

First Cycle Degree (EQF Level 6: at least a three-year university degree (Bachelor or equivalent) in Economics, Business Administration with adequate academic background (overall 72 ECTS) in:

- Business (minimum 18 ECTS or equivalent credit hours) - The remaining credits must belong to at least 2 of the following areas:

- Economics
- Mathematics/Statistics
- Quantitative Analysis (e.g. Informatics)
- Law

Applicants are eligible if First Cycle Degree and language proficiency comply with the above mentioned minimum curricular requirements.

Minimum GPA: 80/100

Minimum English Language Requirements:

The following test scores are accepted:

- **IELTS Academic** IELTS (academic) with a minimum score of 5.5 out of 9.0;
- **TOEFL iBT** 70 or higher
- **FCE** First Certificate in English
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

More info: internationalstudents-eco@uniroma1.it



MSc Chemical Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 15/11/2021 to 31/03/2022

[EU Students] Applications open from 15/11/2021 to 31/07/2022

DESCRIPTION: The curriculum "Chemical Engineering for Innovative Processes & Products" of the MSc in Chemical Engineering provides the student with a solid preparation and specialized knowledge in the fundamental theoretical and industrial aspects of chemical processes and operations and of materials technology. The particular focus is on micro/nano-scale aspects and on reduced environmental impact in the different application areas of (i) design, management and control of innovative industrial processes and plants; (ii) design and management of industrial processes for the sustainable production and processing of traditional and innovative materials; (iii) management of pollution prevention, environmental protection, and safety in process plants where substances are handled or produced.

Academic Requirements:

- **Bachelor's Degree in Chemical Engineering;** The Bachelor degree must include at least a minimum number of credits (for non EU students 1 ECTS = 10 hours of lectures) in the following subjects: a) not less than 42 ECTS in Basic Scientific subjects (Mathematics, Chemistry, Physics and Computer science); b) not less than 42 ECTS in Chemical engineering subjects (such as Materials engineering, Metallurgy, Thermodynamics, Transport phenomena, Chemical plants, Process control, Applied and Industrial chemistry, etc); c) not less than 15 ECTS in industrial engineering (such as Fluid mechanics, Applied Mechanics, Electricity, Machinery, etc.).
- **GRE/GATE in Chemical Engineering >75% (preferred)**
- **Minimum GPA: 75/100**

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

More info: master.chemicalengineering@uniroma1.it



SAPIENZA
UNIVERSITÀ DI ROMA

MSc Clinical Psychosexology

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 30/04/2022

[EU Students] Applications open from 01/12/2021 to 30/04/2022

DESCRIPTION: The master's degree course, in short, has the task to train, for the first time in the Italian university system, clinical psychologists and sexologists. The graduated student, in particular, will have specific competences in managing the individual, the dyad, the family, up to the social and cultural macro area. The Master Degree in Clinical Psychosexology includes various areas such as: research, evaluation, diagnosis and intervention to which psychological and medical disciplines such as psycho-sexology, dynamic psychology, clinical psychology, evolutionary psychopathology contribute theoretically and methodologically, medical sexology, forensic psychology and the history and sociology of sexual mores.

Academic Requirements: Bachelor's Degree in Psychology

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level

B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: clinicalpsychosexology.lm51@uniroma1.it



MSc Cognitive Neuroscience

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 04/12/2021 to 30/05/2022

[EU Students] Applications open from 04/12/2021 to 31/07/2022

DESCRIPTION: The master in Cognitive Neuroscience is particularly suited to students interested in understanding the neural correlates of the cognitive processes as well as the relationship between the development of the mind and the brain. The aim is to train students with a psychology major (BA) with the perspectives from cognitive neuroscience, cognitive psychology and developmental neuroscience as well as hands-on training in imaging methods. The course trains students to carry out research in cognitive neuroscience offering high-level teaching, large space to practical supervised activity in didactic and professional labs and the possibility to carry out an experimental thesis at the research labs of our Department and in partner institutions. The master features twelve courses that offer a high level of specific preparation (90 ECTS) and practical training activities for a total of 120 ECTS. The Master course is open to a maximum of 40 students per year.

PLEASE NOTE THAT: In order to be considered in the pre-selection you need to enrol in Infostud Sapienza, and keep the registration number issued by the system, it will be essential for the other stages of the procedure. You may receive a pre-selection letter that you will be able to use for VISA purposes. This does not represent full acceptance that is strictly based on your position in the ranking. Upon publication of the call you'll need to pay a tax fee of 35 euros in order to be listed in the rankings.

Academic Requirements: Bachelor Degree in Psychology or a Bachelor Degree with a major in psychology with a minimum of 90 ECTS in psychological disciplines (students are required to hold the degree by September 1st 2020)

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: cognitivenueroscience.lm51@uniroma1.it; matteo.candidi@uniroma1.it



SAPIENZA
UNIVERSITÀ DI ROMA

MSc Computer Science

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 14/12/2021 to 31/05/2022

[EU Students] Applications open from 14/12/2021 to 20/09/2022

DESCRIPTION: Our Master program in Computer Science (LM-18) is conceived to provide both a broad grounding in Computer Science and in-depth knowledge of a number of emerging application areas. All courses are taught in English. Students can choose one of four curricula: INFORMATION SCIENCE AND APPLICATIONS providing students with a strong foundation in general Computer Science. MULTIMEDIA COMPUTING AND INTERACTION provides students with knowledge of the fundamentals, methodologies and techniques for processing and interacting with multimedia content, i.e. graphics, text, audio and video material. NETWORKS AND SECURITY aimed at preparing future innovators and researchers in systems, networking, cryptography, and security. SOFTWARE ENGINEERING introducing students to adequate methodologies for the design and analysis of complex and critical software systems.

Academic Requirements: Bachelor's degree in Computer Science or Engineering.

Minimum GPA: 65/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: info-computer-science-degrees@di.uniroma1.it; casalicchio@di.uniroma1.it



MSc Control Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 19/11/2021 to 16/04/2022

[EU Students] Applications open from 19/11/2021 to 10/09/2022

DESCRIPTION: The Master in Control Engineering introduces the student to the basic methodologies of Automatic Control such as: - modeling and identification of dynamic systems; - measurement processing and on-line filtering of sensor data; - use of feedback to stabilize the behavior of a process and optimize its performance; - integrated design of automatic control systems. These methods are pervasive in various engineering fields and necessary in dealing with advanced applications in industrial and service automation. The master-level formation is based on a general approach to the analysis and design of complex automatic control systems and teaches the technical know-how for implementing such automatic systems, keeping into account the nature of the target applications. It provides the tools for describing and understanding the main issues in engineering problems, develops the capacities for designing and running automatic systems and processes, and enhances the skills in scientific innovation.

Academic Requirements: The Master of Science in Control Engineering typically admits students having a three- year (or four-year) Bachelor degree with a background in the areas of information engineering, industrial and automation engineering, computer science, mathematics, or physics. All students must have a good knowledge of spoken and written English. Application documents will be evaluated first. Students with a curriculum that satisfies minimum requirements on basic (bachelor) education in the technical and scientific domains of Systems Theory, Automatic Control, and Automation Engineering will be interviewed for admission. A document available on the course web site provides more detailed information about basic concepts and methods on Linear Systems analysis and Feedback Control design that are assumed to be known by the candidate in order to be admitted to the master course. Candidates will be evaluated by technical questions on these concepts and methods during the interview.

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
 - **TOEFL Ibt** 80 or higher
 - **Cambridge B2 First** or higher
 - **TOEIC Listening&Reading** 720 or higher
- Note that** the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

Please, before sending your application, **carefully read the following link**, in order to be informed on the different documents we kindly request you to provide us with:

<http://www.diag.uniroma1.it/~automatica/?p=procedure/ammissione&l=en>

More info: admissions@diag.uniroma1.it



MA Cultural Heritage in the Near and Middle East, and Africa

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 30/09/2022

DESCRIPTION: The Master's degree course '**Cultural Heritage in the Near and Middle East, and in Africa**' offers a unique training opportunity for those wishing to specialise in both the study of history and the conservation of cultural heritage of western Asia and northern and eastern Africa. Our teaching methods are designed to give a solid theoretical and methodological grounding as well as practical experience and combine classes and seminars with thematic workshops and specialised hands-on practical training.

Taught modules are all characterised by strong interdisciplinarity and encompass the fields of archaeology, epigraphy, history, history of art, philology, and literary studies, paired with cultural anthropology and history of religions. Hands-on activities, implemented both in Italy and in the many countries where Sapienza's prestigious archaeological missions are active, will provide students with skills in numerous areas of expertise (e.g. stratigraphic excavation, survey, conservation, the study of material culture, interpretation of historical sources, museum planning and developing, valorisation projects).

Graduates from the MA will develop specific knowledge and professional skills that are required for a successful career in national and international organisations that promote heritage enhancement projects in the area and will grant an excellent foundation for those wishing to continue to further degree programmes.

Academic Requirements:

Bachelor's Degree (three-year or equivalent) with a background in archaeology, or, alternatively, in epigraphy, history of art, philology and cultural anthropology, Museology, Cultural Heritage Law. Applicants should have a basic knowledge of archaeological sciences, history, languages, and ancient literature of the Mediterranean and Western Asia territories, including Egypt and North and East Africa.

Graduates/Candidates must have acquired at least:

- 84 CFU (or equivalent credit hours) in Archaeology, History, Philology;
- 6 CFU (or equivalent credit hours) in one or more of the following disciplines: Biology, Chemistry, Physics, Geography, Architecture, Engineering, Computer Science, Law.

CFU is the Italian equivalent of ECTS (European Credit Transfer System): 1 CFU = 30 hours of study. 1 CFU roughly corresponds to 7 teaching hours, therefore a standard semester course of 42 teaching hours corresponds to 6 CFU.

For International candidates holding degrees achieved in EU or non-EU countries, the correspondence between academic qualifications and the relative disciplines will be reconstructed by the Admission Committee when evaluating the university curriculum. Admission is dependent upon possession of curricular requirements.

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements may be waived for students holding a degree from an accredited institution where English is the primary language of instruction. The Admission Committee will assess language proficiency of candidates not holding a suitable English language certificate through an interview.



MSc Cybersecurity

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 13/09/2022

DESCRIPTION: The Laurea Magistrale in Cybersecurity of the Sapienza University of Rome is characterized by an interdisciplinary offering that collects contributions from computer science, engineering, statistics, legal-economic and organizational sciences, along with specific knowledge of the major application domains of cyberattack protection.

This master's degree provides English only teaching to facilitate integration into an international work environment, and the participation of foreign students and professors. The MSc in Cybersecurity provides three study plans designed to train professionals with different skills, namely: the Software plan, the Processes and Governance plan, and the Infrastructures and Systems plan. This master's degree is a 2-year, 120 ECTS program ending with the development and discussion of a final thesis project.

Academic Requirements: Bachelor's Degree in Computer Science, Computer Engineering, Mathematics, Physics, Statistics, Telecommunication Engineering, or a related field. This Master Degree takes for granted the subjects and contents covered during a standard Italian Bachelors Degree in Computer Science, and offers a technical in-depth analysis aimed at training experts in Cybersecurity. Therefore, this highly technological core is essential regardless of the orientation chosen within the Study Plan.

Minimum GPA: 80/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

More info: cybersecurity_info@uniroma1.it



Msc Data Science

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 16/11/2021 to 31/05/2022

[EU Students] Applications open from 16/11/2021 to 15/09/2022

DESCRIPTION: The remarkable increase in the volume and complexity of available data and new technologies that have been developed to process them requires a combined multi-disciplinary approach to design an overall strategy aimed at transforming data into useful information. Key ingredients to develop a successful strategy are data manipulation and visualization, large scale computing, statistical modelling, learning techniques, algorithmic thinking. Laurea Magistrale in Data Science is a joint i3S Faculty initiative combining the expertise of four Departments:

- Department of Computer Science (DI)
- Department of Computer, Control and Management Engineering (DIAG)
- Information Engineering, Electronics and Telecommunications (DIET)
- Statistics (DSS)

This Master's program provides a solid and modern preparation to understand and manage the multi-facet aspects of carrying out a complete data analysis, including acquisition, management, and statistical analysis.

- **Curricular requirements:** a 3-year degree or university diploma, or other adequate educational qualifications gained abroad
- **Personal preparation:** I. Mathematics: Differential and integral calculus for functions of one or more real variables; elements of linear algebra and analytic geometry in the plane. II. Probability: random variables, distributions, expected values; main classes of parametric distributions of random variables; convergence for sequences of random variables. III. Computer Science: Programming principles; at least one programming language amongst C, C++, C#, Java, Python. The above-mentioned knowledge shall be verified by means of an on-line test and then through an online interview with a Committee.
- **Minimum GPA:** 70/100
- The submission of a GRE certificate is strongly recommended and will constitute a positive element in the evaluation for admission to the programme
- **Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)**
The following test scores are accepted:
 - **IELTS Academic** 6.0 or higher
 - **TOEFL Ibt** 80 or higher
 - **Cambridge B2 First** or higher
 - **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: admissiondatascience@diag.uniroma1.it



MSc Design, Multimedia and Visual Communication

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/07/2022

[EU Students] Applications open from 01/12/2021 to 01/09/2022

DESCRIPTION: Academic Requirements: students graduated in Italy with Bachelor's Degree in Design (both Italian citizens, EU citizens and non- EU citizens residing in Italy). Students graduated from Bachelor's degree other than Design can apply for the program as long as they possess at least 40 ECTS in following disciplinary sectors: ICAR / 13; ICAR / 14, ICAR / 16; ICAR / 17; ING-INF / 05; SPS / 08; L-ART / 05; L-ART / 06; SECS-P / 08.

For International candidates holding degrees achieved in EU or non-EU countries, the correspondence between academic qualifications and with the relative disciplines will be reconstructed by the commission when evaluating the university curriculum.

The evaluation will be according to the final grade of the Bachelor Degree, the university curriculum, other certificates of specialization courses (if any), and the portfolio about the skills and activities in the field of communication, visual and multimedia Design would benefit the evaluation of your cv and increase your score.

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

Minimum GPA: 70/100

The two-year MA in Design, Multimedia and Visual Communication (LM-12), established in the A.Y. 2007/2008, is a second level university program in the field of Design that aims to train a designer able to think up and plan communication artifacts' contents, aesthetic and technological aspects in both analog and digital environments.

During the two-year program students acquire skills, tools and methodologies relevant to the design of communication artifacts in the fields of design thinking, communication studies, typography, graphics, advertising, multimedia, interaction design, performing and exhibit design.

The training activity concerns the following main themes: corporate identity (i.e. the institutional and corporate image and its close relationship with design of services), type design, photography, editorial graphics, the design of information and communication systems (infographics), public utility communication; multimedia and interactive design, gaming, video editing, kinetic graphics, new media design, performing arts and exhibit design.

The study plan offers two programs, respectively taught in Italian and English, and includes eight integrated studios: three concerning different aspects of Visual and Graphic Design, three concerning Multimedia Design fields, one Exhibit Design studio and a Final studio. Other courses concern disciplines such as: photography, video editing, theories and practices of the graphic, electronic and digital arts, storytelling, digital education, sociology of cultural processes, entertainment artifacts design and computer engineering.

Graduate students will be able to work both as freelancers, and as art directors, executives or team leaders in design studios, companies, communication agencies or any other workspace in which visual communication is an integral part of the corporate mission. Graduates can also continue their training during the Ph.D. course.

More info: carlo.martino@uniroma1.it



Msc Development and International Cooperation Sciences

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 15/09/2022

DESCRIPTION: The interfaculty MSc programme in Development and International Cooperation provides students with the competences necessary to analyze institutional and cultural factors and to plan and manage cooperation initiatives to aid developing countries.

The programme, which has been developed by the Faculties of Political Science, Sociology, Communications, and Humanities, provides students with interdisciplinary knowledge and useful tools to analyse and comprehend the context they will find in developing countries, as well as to manage peace projects and international development cooperation programs.

The programme also provides students with advanced skills that will allow them to:

- Design, develop, implement and direct integrated cooperation programmes and development projects;
- Monitor and assess projects and programmes;
- Use communication and information management tools

Academic Requirements

1. During your bachelors programme you must have taken at least one or two exams in Economics*:
2. During your bachelors programme you must have taken at least one or two exams in Law*:
3. During your bachelors programme you must have taken at least one or two exams in Social Sciences*.

*Please note: The assessment is based on the number of the credits, not only on the number of the exams.

Minimum GPA: 80/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: magistralicoris@uniroma1.it



MSc Economics

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 29/11/2021 to 30/05/2022

[EU Students] Applications open from 29/11/2021 to 10/09/2022

DESCRIPTION: The Master of Science Program in Economics at Sapienza University of Rome provides students with a sound knowledge of economic analysis and quantitative methods for economics. Graduates will be able to interpret the economic mechanisms and understand the behavior and the decision process of economic agents and financial institutions. They will also develop the ability to analyze the functioning of markets and forecast the future evolution of economic and financial variables. Interdisciplinarity and the international orientation of the Program are indeed among its strengths. As for the work opportunities, they are largely focused on jobs with a strong emphasis on economic and financial analysis. Typically, career opportunities for our graduates in Economics are available at policy institutions, international organizations, financial and non-financial corporations, consulting firms, research centers and regulatory authorities.

For more information please visit our website <https://corsidilaurea.uniroma1.it/> and for further specific information please visit our Department https://web.uniroma1.it/dip_ecodir/

MINIMUM ADMISSION REQUIREMENTS:

First Cycle Degree (EQF Level 6: at least a three-year university degree (Bachelor or equivalent) in Economics, Business Administration, Finance with adequate academic background (overall 90 ECTS) in:

- Economics (macroeconomics, microeconomics and similar subjects, excluding, however, business subjects) (minimum 18 ECTS credits).
- The remaining credits must belong to the following areas:
 - Business;
 - Mathematics/Statistics;
 - Quantitative Analysis (e.g. Informatics);
 - Law

Applicants are eligible if First Cycle Degree and language proficiency comply with the above mentioned minimum curricular requirements.

GPA: 75/100

Minimum English Language Requirements:

The following test scores are accepted:

- **IELTS Academic** IELTS (academic) with a minimum score of 5.5 out of 9.0;
- **TOEFL iBT** 70 or higher
- **FCE** First Certificate in English
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: internationalstudents-eco@uniroma1.it



MSc Economics and Communication for Management and Innovation

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 29/11/2021 to 30/05/2022

[EU Students] Applications open from 29/11/2021 to 10/09/2022

DESCRIPTION: Economics and communication for management and innovation is a multi-disciplinary programme specifically based on the needs of enterprises and Confindustria, the main Italian Association of Entrepreneurs. The programme is based on enterprise science, digital communications and applied computer science.

The objective is to train professionals who will be able to meet the multi-disciplinary requirements of modern enterprise, extending the traditional curricula of single-faculty programmes and moulding economics, computer science and social sciences. The programme will provide students with skills in enterprise communications, innovation process management skills, and enterprise strategies and tools for innovative and international contexts.

For more information please visit our website <https://corsidilaurea.uniroma1.it/> and for further specific information please visit our Department website https://web.uniroma1.it/dip_management/economia-e-comunicazione-il-management-e-l-innovazione-ecom-comunicazione

MINIMUM ADMISSION REQUIREMENTS:

First Cycle Degree at least a three-year Bachelor degree (EQF Level 6) in Economics, Business Administration or equivalent with adequate academic background (overall 72 ECTS) in:

- Business (minimum 18 ECTS or equivalent credit hours)
- Economics;
- Mathematics/Statistics;
- Quantitative Analysis (e.g. Informatics);
- Law

Applicants are eligible if First Cycle Qualification and language proficiency comply with the above mentioned minimum curricular requirements.

Minimum GPA: 78/100

Minimum English Language Requirements:

The following test scores are accepted:

- **IELTS Academic** IELTS (academic) with a minimum score of 5.5 out of 9.0;
- **TOEFL iBT** 70 or higher
- **FCE** First Certificate in English
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: internationalstudents-eco@uniroma1.it



MSc Electrical Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 19/11/2021 to 30/04/2022

[EU Students] Applications open from 19/11/2021 to 15/09/2022

DESCRIPTION: The MSc programme in Electrical Engineering provides advanced scientific and professional skills in this specific field, covering also the following topics:

- Production, transmission and distribution electrical systems
- Renewable energy sources (RES) and electrical storage
- Electric mobility (e-mobility)
- Smart grids
- Electrical markets
- Power quality, business continuity and electrical resilience
- LV, MV, HV installations and components

The MSc programme in Electrical Engineering is designed to train highly qualified electrical engineers able to work both in SME and in large organizations. Graduates will also be able to apply for PhD or other research positions in universities and private sectors. Available statistics show that the employment rate in this field is greater than 98%.

For further information on this programme, please visit <https://corsidilaurea.uniroma1.it/en/corso/2020/30843/home>

Academic Requirements: Bachelor's degree in Electrical or Energy Engineering or equivalent

Minimum GPA: 75/100

Minimum English Language Requirements: Upper-Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 5.5 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

More info: ee_admissions@uniroma1.it; francesca.maradei@uniroma1.it



MSc Electronics Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 16/11/2021 to 31/05/2022

[EU Students] Applications open from 16/11/2021 to 15/09/2022

DESCRIPTION: The Master Degree in Electronics Engineering Programme (class LM-29) provides students with specific skills related to electronic digital systems, integrated components, microwave circuits, radiofrequency systems and advanced communications together with multidisciplinary laboratory competences and mathematical advanced topics. A set of subjects going from discrete circuits to machine learning, from advanced antennas to electromagnetic scattering, from circuit design to embedded systems, from nanoelectronics to power electronics, from optoelectronics to lasers and accelerators, from environmental electronics to Earth observation, from bioengineering to wireless communication systems can complete the MDEE. External stages for carrying out the master thesis are also foreseen. The programme emphasises system-related and interdisciplinary aspects and is closely linked with research and innovation activities in the Italian and international job-market context.

Academic Requirements: The MDEE selection process: - requires the general documents about the university MDEE of the candidate including the list of exams with their subjects, the corresponding grades, the Bachelor final thesis showing a strong background in mathematics (calculus, algebra, analysis) and physics (classical and modern), chemistry and electrical measurements, computer programming, analog and digital electronics, electromagnetic fields and antennas, communication theory and engineering and control theory; The submission of the following documents is strongly recommended and will constitute a positive element in the evaluation for admission to the programme, such as CGPA, GRE, and GATE, will be also taken into consideration.

Minimum GPA: 76/100

The MDEE Selection Committee may request an interview with the prospective students via internet

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the principle language of instruction.

More info:

ingegneria_elettronica.lm29@uniroma1.it

ma1.it

antonio.dalessandro@uniroma1.it

paolo.burghignoli@uniroma1.it



Msc Energy Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 15/09/2022

DESCRIPTION: The Master's programme in Energy Engineering aims at providing a specific education on techniques and systems involved in energy generation and conversion. Specifically, arguments related to technological solutions, conversion, safety, management and control of plants powered by fossil fuel, renewable energy sources and nuclear sources.

Academic Requirements:

- VERY GOOD FINAL EVALUATION (minimum required CGPA 3.2 over 4)
- VERY GOOD BASIC MATHS
- VERY GOOD BASIC PHYSICS
- VERY GOOD BASIC CHEMISTRY
- EXTENDED KNOWLEDGE IN APPLIED THERMODYNAMICS
- EXTENDED KNOWLEDGE IN ELECTRICITY, ELECTRICAL DEVICES, DRIVES AND GRIDS
- EXTENDED KNOWLEDGE IN MECHANICAL ENGINEERING
- EXTENDED KNOWLEDGE IN STRUCTURAL MECHANICS

Minimum GPA: 80/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: giampaolo.romano@uniroma1.it



MSc Engineering in Computer Science

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 19/11/2021 to 16/04/2022

[EU Students] Applications open from 19/11/2021 to 10/09/2022

DESCRIPTION: The aim of the course is to train Computer Engineers with specific expertise both in the sector of Computer Science, focusing on software applications, and in the sectors of information processing systems and security, assessment of system performance, and optimization of information processing and network systems. The course prepares students for the following jobs:

- Software analysts and engineers, able to design, develop, modify and optimize software applications based on the needs of final users; analyse data processing problems for different computing needs and develop, identify and optimize information processing systems; design, integrate and verify software employed in web applications.
- Engineers for the planning and management of systems and networks: these professionals identify and optimize ad-hoc information management systems; plan and implement security measures for information systems to regulate data access and prevent unauthorized data access.

Academic Requirements: Applicants are expected to have a strong academic background in Computer Science. As a minimum requirement an applicant must have an undergraduate degree (e.g. Bachelor's) in Computer Engineering, Computer Science, or other scientific areas (the latter will be analyzed and approved on a case-by-case basis).

Selected students will be invited for a Skype interview for an assessment of their skills and background. The interview will include technical questions related to the aforementioned background.

We also suggest students to take a look at the core courses of the curriculum to have a better understanding of the course requirements: <https://corsidilaurea.uniroma1.it/it/corso/2019/29937>

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
 - **TOEFL Ibt** 80 or higher
 - **Cambridge B2 First** or higher
 - **TOEIC Listening&Reading** 720 or higher
- Note that** the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

Please, before sending your application, **carefully read the following link**, in order to be informed on the different documents we kindly request you to provide us with:
<https://corsidilaurea.uniroma1.it/it/node/2462876>

More info: admissions@diag.uniroma1.it



MA English and Anglo-American Studies

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 17/01/2022 to 31/05/2022
[EU Students] Applications open from 17/01/2022 to 15/09/2022

DESCRIPTION: The English and Anglo-American Studies MA programme of the Faculty of Arts and Humanities provides a high degree of specialisation focusing on the Anglophone world, including language, literature and culture, as well as translation and history of the language. Additional core/subsidiary subjects include Art, Fashion, Linguistics, Philosophy, Italian, Computing for the Humanities and Comparative Literature. Admission is dependent upon possession of entry requirements and personal competences: 84 credits in various disciplines in BA degree, of which 54 in English and/or Anglo-American Language and Literature (24 in Language). Students may also enrol in single modules prior to full enrolment.

Minimum GPA: 70/100

Admission is dependent upon possession of entry requirements and personal competences: 84 credits in various disciplines in BA degree, of which 54 in English and/or Anglo-American Language and Literature (24 in Language, or certified level: C1). Students, however, can enrol in single modules prior to full enrolment, so as to make up for missing credits. Students also need to have reached a B1 level in Italian before the beginning of classes.

We strongly recommend that applicants add to their portfolio one of the following language certificates. Applications lacking a supporting certificate may be rejected (some exemptions may apply).

- IELTS (academic) with a minimum score of 7.0;
- TOEFL (valid) with a minimum score of 95;;
- CAE – Certificate in Advanced English;
- CPE – Certificate of Proficiency in English.

More info:

englishangloamericanstudies.lm37@uniroma1.it

iolanda.plescica@uniroma1.it

irene.ranzato@uniroma1.it



MSc Environmental Engineering for Climate Change Adaptation and Mitigation

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 21/11/2021 to 30/06/2022

[EU Students] Applications open from 21/11/2021 to 31/07/2022

DESCRIPTION: The Master Programme in Environmental Engineering for Climate Change Adaptation and Mitigation provides an advanced technical background for careers in environmental engineering, particularly in consultancy, planning, design and management of actions, structures and infrastructures for mitigation of and improvement in environment resilience to climate change effects.

Specific competencies of graduates include:

1. methods and techniques for the identification of climate change effects and monitoring/control of environmental compartments;
2. policies and international guidelines to contrast climate change;
3. modelling of climate systems and their interactions with anthropic systems;
4. planning, design and implementation of measures and interventions to prevent and mitigate climate change impacts;
5. management of natural disasters and water scarcity associated to climate change;
6. management and protection of natural resources;
7. solid waste management and materials/energy recovery from residues;
8. design of actions and technologies for greenhouse gas emissions.

Graduates in Environmental Engineering for Climate Change Adaptation and Mitigation will find professional career opportunities, in Europe and abroad, in:

- public authorities, institutions and control agencies
- technical services
- private companies and large enterprises
- consultancy and environmental counselling firms
- research and higher education institutions

Programme website: <https://web.uniroma1.it/cdaingambientale/international/international>

Academic Requirements:

The **Master Programme in Environmental Engineering for Climate Change Adaptation and Mitigation** welcomes students having a three-year (or four-year) Bachelor degree in science, applied science or engineering. A good knowledge of spoken and written English is required of all prospective students.

A pre-application procedure is required as a first evaluation in view of admission. Students with a curriculum that satisfies minimum requirements on basic (Bachelor-degree) education in the technical and scientific domains related to environmental engineering will be pre-screened for admission. Students may also be interviewed remotely in view of the final pre-screening decision.

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2). The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above language requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

IMPORTANT NOTICE: The full admission requirements for this programme are available [here](#)

For further information: ingegneria_ambienteterritorio.lm35@uniroma1.it



SAPIENZA
UNIVERSITÀ DI ROMA

MA European Studies

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 15/09/2022

DESCRIPTION: The MSc in European Studies aims to train high-profile professionals who will work in the increasingly global international economic and juridical context that is being driven by the development of European integration. The programme provides students with advanced knowledge and skills concerning the methodologies, cultural aspects and professional requirements that will enable them to develop original solutions to the juridical, economic, social and historical issues that are emerging in the new European and international scenarios. The European Affairs Masters Programme provides students with two different curricula: "EU Law and Economics" and "Comparative and European Law."

Academic Requirements: Bachelor's in: Economics, Law, Political Sciences and similar degrees

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: europeanstudies.sapienza@gmail.com



MA Fashion Studies

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 15/12/2021 to 31/05/2022

[EU Students] Applications open from 15/12/2021 to 31/08/2022

DESCRIPTION: The Masters Programme in Fashion (LM-65) prepares students for high-level responsibilities in the world of fashion, as well as its relations with figurative arts, communications and entertainment, or for independent careers in the fashion industry and a wide range of related fields.

Students acquire skills and specialist knowledge related to the development of the fashion industry, both historically and as an on-going trend, with special attention to cultural, symbolic and economic/financial factors, as well as the entrepreneurial and management skills necessary to work in this field.

The Master's programme uses interdisciplinary teachings involving scholars from several disciplines, including humanities, social sciences, marketing, and technical and management disciplines. Strong professional connections in the field of fashion provide students with insight into today's world of fashion

The Master is organized in 4 semesters (2 years) and provides students with mandatory and optional courses. There are only two compulsory courses, during the first year (1 semester).

In each semester (and year) students are given the chance to choose between a number of selective courses within specific disciplines groups.

In this way students are given a relevant freedom to specialise their learning.

Lessons are concentrated in three semesters; the last one is dedicated to the final thesis, internship experiences and Erasmus mobility. The programme provides students with more opportunities for seminars, workshops, events and hosts international scholars for special lectures about fashion.

Minimum GPA: 70/100

Entry requirements (eligibility has to be verified)

1. Bachelor degree in the field of Fashion, Arts and Performing Arts, Architecture, spectacle and Music, History, Media and Communication, Sociology and Economics and Marketing, Textile engineering
2. Good proficiency in English language (reading, listening, writing B2 level (certificates like IELTS, TOEFL, Cambridge, Trinity College or TOEIC)

The evaluation will be according to the final grade of the Bachelor's Degree, CV, and portfolio.

More info: masterfashionstudies@uniroma1.it



MSc Finance and Insurance

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 29/11/2021 to 30/05/2022

[EU Students] Applications open from 29/11/2021 to 10/09/2022

DESCRIPTION: The Financial Risk and Data Analysis curriculum (entirely taught in English) of the Masters programme in Finance and Insurance aims at providing students with a wide range of advanced quantitative and programming tools together with technical instruments and a sound knowledge of the complex regulatory system which governs the financial markets. Students will acquire the knowledge and capabilities needed to analyze financial data and to use them to measure and manage risk, to make forecasts, and to build models in order to address most of the technical challenges faced by companies and institutions in the finance and insurance industry, and also in other environments. Graduates will have the skills required for a successful career in financial institutions or major corporations or to enter a PhD programme in Finance.

For further information please check here <https://corsidilaurea.uniroma1.it/> and for more specific information check here <https://web.uniroma1.it/memotef/en/finance-and-insurance-finass>

ADMISSION REQUIREMENTS:

Bachelor in Economics, Finance or other first cycle Degree with adequate academic background (overall 72 ECTS) in:

- Business, Economics, Mathematics and Statistics (minimum 54 ECTS or equivalent credit hours)
- Quantitative Analysis (e.g., Computer science, Programming, Econometrics, etc.)
- Law

Minimum GPA: 78/100

Minimum English Language Requirements:

The following test scores are accepted:

- **IELTS Academic** IELTS (academic) with a minimum score of 5.5 out of 9.0;
- **TOEFL Ibt** 70 or higher
- **FCE** First Certificate in English
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

More info: internationalstudents-eco@uniroma1.it



MSc Genetics and Molecular Biology

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 20/05/2022

[EU Students] Applications open from 01/12/2021 to 22/08/2022

DESCRIPTION:

- 1) an in-depth knowledge of the unicellular and multicellular organisms that may be used as models to study basic mechanisms of gene expression or cell development, differentiation and transformation
- 2) the acquisition of genetic concepts and methodologies, with special regard to those used in the genetic dissection of complex processes and to study human populations
- 3) an in-depth knowledge of the molecular bases of the main processes involved in the regulation of nucleic acid and protein structure and function
- 4) the knowledge of basic methodologies to study and manipulate biological macromolecules
- 5) the ability to investigate and develop basic methodologies which may be usefully applied to biomedical and biotechnological research
- 6) the acquisition of genetic-molecular skills for the diagnosis and treatment of genetic diseases
- 7) the skills suitable to identify the biological processes grounding the physiopathology of organs and systems, with special regard to human beings

Academic Requirements: Bachelor's Degree in Biological Science (L-13) or as, an alternative, Bachelor's degree with at least 90 CFU credits comprising the following scientific fields: physics, mathematics, chemistry, and basic and characterizing biological disciplines (molecular biology, genetics and biochemistry).

Minimum GPA: 75/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

More info: prisca.ornaghi@uniroma1.it



MSc Health Economics

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 29/11/2021 to 30/05/2022

[EU Students] Applications open from 29/11/2021 to 10/09/2022

DESCRIPTION: The Master's programme of Health Economics (LM-56) offers multidisciplinary preparation in the field of health economics and policy, health law, business management of public and private firms operating in the health industry. The Master's programme trains economists, consultants and specialists to satisfy the increasing demand of qualified experts in the health sector. Graduates can hold senior positions in direct support of the General Director/Administrative Director/Top management of public institutions or private firms in the health sector, in national or international governmental organizations working in the field and in public or private research institutions.

Possible employers can be: -Government agencies and regulatory authorities operating in healthcare sectors - Ministries and other bodies responsible for health planning; -National and international organizations such as among others ISTAT, OECD, WHO, WORLD BANK - regulatory and programming bodies -NGOs -University.

For more information please visit our website <https://corsidilaurea.uniroma1.it/> and for further specific information please visit our Department https://web.uniroma1.it/dip_ecodir/

ADMISSION REQUIREMENTS:

In order to access the Master's program in Health Economics is subject to the possession of the degree or university Diploma of three-year period, or other title acquired abroad and recognized as suitable.

With reference to the Italian Bachelor's degree diploma, the requirement is still fulfilled if you possess a bachelor's degree of class L-18 or L-33, minimum requirements in Economic studies.

For graduates of other classes, it is required to possess at least 60 CFU acquired in the basic and characterizing SSDS provided in the tables attached to the DM. 16 March 2007 for classes 18 and 33 and/or SSD: MAT/05 MAT/06 MED/01 MED/42 ING-IND/35 (Mathematics; Information Technology; Hygiene and Epidemiology).

Moreover, the credits should respect the following minimum amount with respect to the various SSD: at least 18 CFU in SECS P01/02/03/05/06 (Economics and Econometrics); at least 18 CFU in SECS S01/03/04/05/06 (Statistics); at least 12 CFU in SECS P07/08/09/10 (Accountancy, Business and Management)

Minimum GPA: 70/100

Minimum English Language Requirements:

The following test scores are accepted:

- **IELTS Academic** IELTS (academic) with a minimum score of 5.5 out of 9.0;
- **TOEFL iBT** 70 or higher
- **FCE** First Certificate in English
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info:

internationalstudents-eco@uniroma1.it

healtheco.ecodir@uniroma1.it



MSc Landscape Architecture

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2022 to 30/09/2022

DESCRIPTION: The course pursues the objective of completing a training in the field of Landscape Architecture. This integrates multidisciplinary knowledge and skills, useful at different scales of designing, also to acquire the ability to collaborate in interdisciplinary teams. The training follows the European model, with activities to obtain skills in planning, design and management of landscapes in their natural and anthropic components; to meet human and natural, functional and aesthetic needs, based on the physical, ecological characteristics and the cultural and aesthetic values of the landscape, the potential and the critical aspects of the contexts. The knowledge for training of the landscape architect, according to IFLA, are:

1. the history and theories of landscape;
2. the aesthetic theories influencing the landscape project;
3. the ecology and the "nature-based solutions" for the landscape project;
4. the relationships between landscape and urban transformations;
5. environmental protection;
6. relations between man and the environment;
7. the protection, conservation, and restoration of historical landscapes;
8. landscape architecture in the transformation processes at any scale;
9. preparatory analyses for landscape design;
10. methods and techniques of representation and communication;
11. production, regulatory and management processes;
12. legislation relating to landscape projects.

The Master Enrollment is subject to verification of the student's requirements and personal preparation. In short, you need a university degree or an equivalent qualification, in the fields of landscape architecture, architectural sciences, territorial, urban, environmental and landscape planning sciences, building construction sciences and techniques, agricultural and forestry sciences and techniques (including design and planning experiences), and similar.

Students must have acquired at least 90 ECTS credits in previous university programs in the disciplines listed in "Entry Requirements". It is also required the presentation of a portfolio of previous design experiences. All of these are basic and mandatory requirements for registration. Any necessary curricular integration, in terms of ECTS, must be acquired before the assessment of the student's individual preparation.

Minimum GPA: 70/100

Minimum English Language Requirements: Upper-Intermediate (CEFR Level B2) The following test scores are accepted:

IELTS Academic 6.0 or higher TOEFL Ibt 80 or higher Cambridge B2 First or higher

TOEIC Listening&Reading 720 or higher GESE Grade 8

Please note: the above requirements may be waived for students holding a degree from an accredited institution where English is the primary language of instruction.

More info:

architettura_paesaggio.lm3@uniroma1.it, fabio.dicarlo@uniroma1.it



MSc Management Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 19/11/2021 to 16/04/2022

[EU Students] Applications open from 19/11/2021 to 10/09/2022

DESCRIPTION: The Master's programme in Management Engineering at Sapienza University aims at disseminating knowledge and competencies that integrate the technological content typical of engineering disciplines with a full understanding of the economic and management aspects of decision-making problems within organizations. For this purpose, the course analyzes and discusses methods and models for the management of complex systems, with a high interaction between the evolution of technology, the structure of markets, and the competitive strategies of companies. The course intends to provide students with the ability to play a crucial role in the strategic and operational decisions of companies. This is made possible based on the high-level skills in using effectively and efficiently the methodologies of economic analysis, optimization and simulation techniques for identifying, formulating and solving problems related to the design, organization and management of production and service systems.

Academic Requirements: Applicants are expected to have a strong academic background in Management Engineering. As a minimum requirement, an applicant must have an undergraduate degree (e.g. Bachelor's) in Management Engineering or related scientific areas.

The evaluation of the candidatures aims at checking that prospective students have the necessary background to successfully perform in their studies. The main elements required for admission are listed below. General background in scientific disciplines (including Mathematics and Computer Science) Specific background in: Accounting Capital Budgeting Operations Research Supply Chain Management Selected students may be invited for a Skype interview for an assessment of their skills and background. The interview will include technical questions related to the aforementioned background.

Minimum GPA: 75/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFT Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Note that the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

Please, before sending your application, **carefully read the following link**, in order to be informed on the different documents we kindly request you to provide us with:

<https://www.ingegneriagestionale.uniroma1.it/internazionalizzazione-0>

More info: admissions@diag.uniroma1.it



SAPIENZA
UNIVERSITÀ DI ROMA

MSc Mechanical Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 01/12/2022

DESCRIPTION: The Master of Science in Mechanical Engineering aims at training young engineers with an advanced education, providing them with skills in designing, planning and managing complex activities of research and development in an industrial environment. This goal is achieved by means of a broad training proposal based on advanced mathematics and physics, and professional expertise targeted to the solution of complex engineering problems concerning design of processes, plants, systems, devices, machines. Engineering Design professionals educated at Sapienza can work as technology specialists in a wide range of fields, including manufacturing, mechatronic, transportation (automotive, naval, aeronautical and railroad), conventional and renewable energy production, biomechanics and many others. In these settings mechanical engineers are responsible for design, testing, management, research and development services.

Minimum GPA: 72/100

English B2 minimum GRE (not mandatory)

Bachelor's in mechanical engineering or related

More info:

mechanicalengineering@uniroma1.it



MA Mediterranean Archeology

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 30/09/2022

DESCRIPTION: The Master in Mediterranean Archaeology typically admits students having a three-year (or four-year) Bachelor of Arts or Archaeology degree or equivalent degree (i.e. Laurea Triennale) with a background in Archaeology, Cultural Heritage, Ancient History and/or Arts. All students must have a good knowledge of spoken and written English. Application documents will be evaluated first. Students with a curriculum that satisfies minimum requirements on basic (bachelor) education in Archaeology, Ancient History Cultural Heritage, and/or Art will be interviewed for admission. The interview is aimed at evaluating the student's CV and competences. A document available on the course web site provides more detailed information. The interview will be held either in person or on-line. Students whose background is deemed to be improved may be requested to integrate their basic knowledge by:

- attending teaching modules provided by Bachelor courses in English at Sapienza/Unitelma within the first year of the Master course;
- alternatively, studying supplementary reading materials.

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

The Master's program in Mediterranean Archaeology offers a diachronic, comprehensive overview of the deep history of the Mediterranean through a thematic approach. Historic trajectories from Prehistory and Protohistory to Classical and Medieval worlds will be analyzed embracing a perspective that opens up towards Contemporaneity. The course highly benefits from the location in the city of Rome, at the core of the Mediterranean area.

The wide range of archaeological research in Italy and abroad led by Sapienza provides students with unique opportunities for fieldworks, lab activities and stages on a Mediterranean scale. Agreements with the main national and international bodies of research, valorization and cultural heritage protection expand the spectrum of training. The Master's course in Mediterranean Archaeology offers an innovative approach to archaeological studies that goes beyond the traditional separation of courses and curricula by periods. The focus will be the processes, cross-disciplinary themes, such as social and economic developments, cultural transformations, mobility and migrations, trade exchanges and networks, on a diachronic perspective.

The Master provides students with an advanced knowledge of state-of-the-art, theoretical background, methodologies and techniques of archaeological studies and archaeological sciences. Students will also develop skills on the protection and communication of cultural heritage on a cross-Mediterranean dimension.

More info: medarch.dsa@uniroma1.it; francescaromana.stasolla@uniroma1.it



SAPIENZA
UNIVERSITÀ DI ROMA

MSc Environmental and Sustainable Building Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 30/09/2022

DESCRIPTION: The Master's Programme (second cycle – 120 ECTS) Sustainable Building Engineering, given in Rieti, is aimed to educate a Master Engineer, aware of the goals of the Agenda for Sustainable Development released by United Nations, with a specific relationship to building engineering, such as: to develop quality, reliable, sustainable and resilient buildings and environment; to upgrade them and retrofit industries to make them sustainable; to facilitate sustainable and resilient city and territory development; to reduce the number of deaths and the number of people affected by disasters, including water related disasters, water resources lack and seismic related ones, with a focus on protecting the poor people in vulnerable situations, due to, also, groundwater resources supply scarcity; to reduce the adverse pro capita environmental impact of cities, also by paying special attention to air quality and "municipal and other" water, wastewater and solid wastes management;

Academic Requirements: Bachelor's Degree in Building or Environmental Engineering

Minimum GPA: 80/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: sbe@uniroma1.it



MSc Nanotechnology Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 16/11/2021 to 15/05/2022

[EU Students] Applications open from 16/11/2021 to 31/07/2022

DESCRIPTION: All the details and info here: web.uniroma1.it/nano/en

The Master of Science in Nanotechnology Engineering is designed to offer an advanced scientific and professional education focused on the analysis, development, simulation and optimization of devices, materials and processes based on the use of nanotechnologies for several applications in the field of Industrial Engineering.

The Program (for a total of 120 CFU) is organized into two alternative strands:

A: most of the courses taught in

Italian B: with all the courses

taught in English

Both strands include:

- I) 8 mandatory courses (72 CFU)
- II) 1 course (6 CFU) to be selected among a group of alternative teachings
- III) 2 free-choice courses (12 CFU) IV) Other activities aimed at preparing students for careers after graduation (1 CFU)
- VI) Final Thesis preparation and defence (17 CFU)

CFU is the Italian equivalent of ECTS (European Credit Transfer System): 1 CFU = 30 hours of study (10 hours of lectures + 20 hours of homework)

Academic Requirements:

The MS in Nanotechnology Engineering aims to promote the study of advanced scientific and professional training with specific skills in engineering sciences concerning simulation, concept and design of materials, dedicated production processes to the industrial nanotechnology sector.

The access to the MS requires acquired knowledge such as found in many Degree Courses in Engineering, in all of the Degree Courses of Industrial Engineering, or in large part in the Degree Courses of Chemistry, Physics and Biotechnology.

In detail, basic knowledge in basic principles of chemistry and physics, physics of matter, algebra, geometry, mathematical analysis/statistics/physics, and probability should be pre-existing.

Moreover, some knowledge in one or more of the following fields is strongly suggested: science and technology of materials, fluid dynamics, energy and environmental systems, mechanical/thermal/electrical/electric measurements, mechanics applied to machines, electric engineering.

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: ingegneria_nanotecnologie.lm53@uniroma1.it



MSc Physics

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/05/2022

[EU Students] Applications open from 01/12/2021 to 31/08/2022

DESCRIPTION: The master's degree program in Physics is divided into four tracks/curricula. The Particle and Astroparticle Physics track, delivered in English, aims to provide a solid control of subnuclear physics, focusing mainly on experimental aspects. The Condensed Matter Physics track, delivered in English, aims instead to provide an in-depth knowledge of the theoretical and experimental aspects of condensed matter. The Biophysics track focuses on biophysics, both from a computational and an experimental point of view. The General Theoretical Physics track, on the other hand, allows the student to study theoretical topics in the field of gravitation (courses delivered only in Italian), elementary particles (partly delivered in English, partly in Italian), statistical mechanics, and complex systems.

Academic Requirements: The student should have a BSc in Physics or in a similar subject.

The student is required to have a basic knowledge of Classical Mechanics, Thermodynamics, Electromagnetism, Optics, Quantum Mechanics and Statistical Mechanics. He should have laboratory experience and knowledge of the methods of data analysis for physical sciences. Moreover, he should have some knowledge of computer programming and of the most important numerical methods used in Physics. A detailed description of the physics prerequisites is reported in the Syllabus available at

<https://www.phys.uniroma1.it/fisica/sites/default/files/allegati/syllabus-LM17.pdf>

Students should present a CV, a motivational letter in which they clearly state which track they would like to enroll in (Particle and Astroparticle Physics; Condensed Matter Physics; Biophysics; General Theory).

Before admission, the Selection Committee may require a skype conversation, with the purpose of verifying the knowledge of the topics reported in the Syllabus mentioned above. Students may also include a GRE certificate.

Minimum GPA: 75/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: fisica.lm17@uniroma1.it



MSc Product and Service Design

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 30/06/2022

[EU Students] Applications open from 01/12/2021 to 10/09/2022

DESCRIPTION: The **M.Sc. in Product and Service Design** is for students who want to deepen their design skills exploring technologies, cultural languages, social issues.

Our students will face creative challenges in developing products and services to improve people's lives.

They will design extensively, think creatively and reflect critically.

The Master Program is organized in 4 semesters.

During the first semester, students will acquire innovative skills in Aesthetics, Social Communication, Smart Technologies, Digital Representation, Mechanics;

In the second one, they will explore and practice the most recent Design Thinking methodologies as well as face of with the topic of Human Factors and Strategic Management;

In the third one, they will understand and develop sustainable, smart and innovative production and consumption processes facing 4 different areas of application:

- Design for Interaction, exploring and applying smart technologies with a critical and futuristic approach;
- Design for Service and Social Innovation, with a human-centered and UX approach;
- Design for Material, with a particular attention to the biomimesis;
- Design for New Craft and Industry, considering the innovation of new typologies and new aesthetics.

The last semester is dedicated to the final work that is a research-based activity aimed to develop a functional prototype of an innovative product and service, in collaboration with international R&D company departments or universities labs or research centres.

Our graduates can spend their skills as Design Strategist at the management level for companies or new start-ups, or as Design Researcher within Research Centres or continuing their training during the Ph.D. course.

More info on

<https://web.uniroma1.it/msproductdesign/>

<https://corsidilaurea.uniroma1.it/en/corso/2021/30811/home>

<https://www.facebook.com/MSPSDSapienza>

Academic Requirements: with regard to degrees achieved in Italy (by Italian citizens, EU citizens and non-EU citizens residing in Italy) the valid degrees are in: Industrial Design (L-4 class, former L-42 class), Industrial Engineering (L-9 class, former L-10 class), Architecture (L-17 class, former L-4 class), Building Sciences and Techniques (L-23 class), Computer Science Engineering (L-8 class, former L-9 class); - with regard to degrees achieved in EU or non-EU countries, the valid degrees are in: Design (any field of Design), Industrial Engineering, Computer Science Engineering (with a specific cv in Robotics, or IoT), Architecture.

Minimum GPA: 80/100

The evaluation will be according to the final grade of the Bachelor Degree, the cv and the portfolio with regard to skills and activities in the field of Product and Service Design.

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 5.5 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: msproductdesign@uniroma1.it



MSc Science and Technology for the Conservation of Cultural Heritage

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 10/01/2022 to 15/06/2022

[EU Students] Applications open from 10/01/2022 to 15/09/2022

DESCRIPTION: The two-year Master course in Science and Technology for the Conservation of Cultural Heritage aims to train experts in the field of cultural heritage conservation and archaeometry. At the end of the course, they will be able to detect deterioration processes, characterize materials and assess conservation protocols for all kinds of cultural heritage thanks to the knowledge of the physical, chemical, biological and structural properties of materials.

Specifically, conservation scientists will acquire the following skills:

- * knowledge of the most advanced methods and techniques applicable in the diagnostic of cultural heritage;
- * planning of diagnostics protocols for the conservation of cultural heritage;
- * planning and organisation of science museums, science cities, science exhibitions;
- * collaboration in the planning and implementation of IT systems for cultural heritage data treatment.

The multidisciplinary nature of the cultural heritage field requires various types of scientific expertise which are given during the course, while also providing a set of courses to complete the humanities education and to offer mastery of general disciplines. Training is completed through internships at the scientific labs of the university or at public and private bodies in the field.

For further information, please check out the official website
(<https://corsidilaurea.uniroma1.it/en/corso/2021/28702/home>)

Academic requirements: A BACHELOR DEGREE in Sciences (1 cycle equivalent-180 ECTS credits).

Candidates must have a strong background in a wide range of Science subjects. In particular they must have attained at least: 84 ECTS credits in scientific disciplines, including Mathematics, Physics, Chemistry, Mineralogy, Biology, and Computer science 6 ECTS credits in humanities and economic disciplines (e.g., Museology, History of Restoration and Techniques of Artistic Production, and Cultural Heritage Legislation).

Enrollment will be based on admission requirements, followed by scheduled interviews for all eligible students.

Minimum GPA: 75/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the main language of instruction.

More info: scienzebc@uniroma1.it



MSc Space and Astronautical Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 1/12/2021 to 30/04/2022

[EU Students] Applications open from 1/12/2021 to 31/07/2022

DESCRIPTION: The Programme provides students with specific skills in space mission planning and in analysis & design of launchers, satellites and remote metering/telemetry systems. It emphasises systems-related and interdisciplinary aspects and is linked with research/innovation activities in European aerospace industries. Graduates will be able to address complex issues requiring analysis, development, simulation and optimization in a wide range of aerospace-related topics. The Aerospace Engineering curriculum held in English is organized as follows. 1st year: knowledge is provided in major aerospace areas, Spaceflight Mechanics & Attitude Dynamics, Controls, Fluid Dynamics and Propulsion (or telecommunications and remote sensing), Structures and Space Systems. 2nd year: students select courses from a wide range of Space and Astronautical Engineering topics.

Selection is a two-steps process:

I step. Analysis of the application forms; highly qualified students will be admitted to the second step.

II step. Interview.

Rejection letters are typically sent within 7 days from application (I step) and shortly after interview (II step)

Academic requirements:

- **Bachelor in Aeronautical/Aerospace Engineering is preferred**, other industrial engineering bachelors are accepted (especially mechanical/energy engineering). Other bachelor degrees in engineering/physics are only considered for outstanding candidates. Required background knowledge includes the following subjects: Trigonometry; Analytic geometry; Calculus; Linear algebra; Numerical methods for equation roots and quadrature; Programming skills (Matlab, Fortran, Mathematica, CAD); General Chemistry; Physics: Mechanics, Thermodynamics and Electromagnetism; Analytical Mechanics; Applied Mechanics; Materials Science; Electrical engineering; Mechanics of solids; Aerodynamics; Structural analysis; Basics of orbital mechanics; Basic concepts of thrust generation and cost in jet engines.

- **Minimum GPA:** 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL iBT** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

More info: aerospaceengineering@uniroma1.it



MSc Statistical Methods and Applications

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 16/11/2021 to 31/05/2022

[EU Students] Applications open from 16/11/2021 to 15/09/2022

DESCRIPTION: SMA - Statistical Methods and Applications - is the acronym of the two-year Master of Science (corresponding to the Italian Laurea Magistrale degree) entirely taught in English and delivered by the Department of Statistical Science (DSS). DSS is the largest Department of Statistics in Italy and its faculty members enjoy an international reputation in teaching and research. DSS hosts one of the most powerful computing resources at Sapienza University of Rome. The Master programme is entirely held in English. It provides students with specific statistical skills through a suitable mix of advanced data modelling methodologies and hand-on professional training to address complex scientific and socio-economic problems.

Academic background: at least an undergraduate (Bachelor) degree with a solid foundation in Calculus, Probability and Statistics, some computing skills and basic knowledge of programming. The academic background of international students (EU and non-EU) is assessed by a Prospective Student Selection Committee based on the documentation provided by the student (see below). Candidates holding a Bachelor Degree in Statistics or Actuarial Sciences are automatically accepted. Candidates possessing Bachelor Degree with at least 60 ECTS in the subject areas corresponding to the Ministerial Scientific Sectors labelled as MAT/*, INF/01 FIS/01, FIS/02, FIS/07 ING- IND/35, ING-INF/05 M-PSI/03 SECS-S/, SECS-P/ are automatically accepted.

Minimum GPA: 70/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2)

The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
- **TOEFL Ibt** 80 or higher
- **Cambridge B2 First** or higher
- **TOEIC Listening&Reading** 720 or higher

Please note: the above requirements **may be waived** for students holding a degree from an accredited institution where English is the principle language of instruction.

More info: sma-dss@uniroma1.it



MSc Transport Systems Engineering

Master's programme - Taught in English - Duration: 2 years

[NON-EU Students] Applications open from 01/12/2021 to 31/06/2022

[EU Students] Applications open from 01/12/2021 to 30/09/2022

DESCRIPTION: The Master Degree in Transport Systems Engineering aims at providing s-tudents with high-level qualifications, so as to allow them to perform and manage a wide variety of activities connected with planning, programming, operating, monitoring transport systems and their components.

The professional skills of a Transport Systems Engineer include:

- methods to design transport systems: formulation of dimensional and performance specifications for system components;
- models for mobility of people and goods, for transport supply on multi-modal networks, for demand/supply interaction and equilibrium calculation;
- design and implementation of transport systems (technical and economic aspects), transport and mobility plans on different levels;
- on-line and off-line models for transport system operations and management;
- monitoring and ex-ante/ex-post assessment of mobility solutions from the technical, economic and environmental point of view.

Academic Requirements: <https://web.uniroma1.it/cdaingtrasporti/entry-requirements>

Minimum GPA: 72/100

Minimum English Language Requirements: Upper Intermediate (CEFR Level B2) The following test scores are accepted:

- **IELTS Academic** 6.0 or higher
 - **TOEFL Ibt** 80 or higher
 - **Cambridge B2 First** or higher
 - **TOEIC Listening&Reading** 720 or higher
- Please note:** the above requirements **may be waived** for students holding a degree from an accredited institution where English is the principle language of instruction.

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