











# **Courses in English Language** at Italian Universities

**July 2009** 

#### **Disclaimer**

Many universities in Italy are offering courses taught in English to accommodate the increasing number of foreign students. The information contained in this document is provided as a public service intended to facilitate the search for such courses by US scholars and students. The Fulbright Commission makes no representation or guarantee as to the correctness or suitability of the information provided or of any linked information. The document reports information on courses taught in English as obtained from cited sources in July 2009. The information provided is not exhaustive and may change at any time without notice. Interested readers are advised to check further on the universities' websites and contact points.

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# Agriculture

Course Title & University	BA in Mediterranean Agro-Ecosystems Management - Perugia University Faculty of Agriculture
Objectives	To develop scientific knowledge and professional competency in: environmental and anthropic factors that interact with agro-ecosystems; biological aspects, technical routes, processes of conservation and transformation connected to the efficiency and sustainability of agricultural, animal husbandry and food farming production; organizational and economic aspects of agricultural and animal husbandry production and of food farming products; structural, naturalistic and socio-economic factors of agricultural and food farming systems; analysis, monitoring and assessment of problems on rural territory, with specific reference to sustainable economic and ecological management of the resources of the rural environment; elements of planning, design and evaluation of the components of territorial systems.
Prerequisites for admission	English language certificates; basic knowledge of biology and scientific issues.
Relevant Information	BA organized in collaboration with the University of Malta. The courses will be held in Malta.
Email	Course coordinators: Prof. Francesco Tei, University of Perugia - <a href="mailto:ftei@unipg.it">ftei@unipg.it</a> Prof . George Attard, University of Malta - <a href="mailto:george.attard@um.edu.mt">george.attard@um.edu.mt</a>
Web site	www.agr.unipg.it
Source - last access	University website: <a href="https://www.agr.unipg.it">www.agr.unipg.it</a> – 03 September 2009

#### **Economics and business**

Course Title & University	<b>BA in Economics and Business - LUISS University of Rome</b> Faculty of Economics
Objectives	The main objective is to gain knowledge of economic culture and make decisions useful for careers in management and entrepreneurship.
Prerequisites for admission	Laurea Specialistica and documents of English Exams (IELTS/ TOEFL)
Email	segreteria@luiss.it
Web site	www.luiss.it
Source - last access	University website: www.luiss.it – 03 September 2009



#### **Economics and Management**

	Economics and ivining chief
Course Title & University	BSc Economics and Management - LUISS University of Rome Faculty of Economics
Job opportunities	The course of bachelor in Economics and Management allows graduates to focus on: the understanding of the nature of the activities of management and the main disciplines of management; the fundamental principles of economic reasoning; the main statistical concepts in mathematics and their use in the disciplines of management. Acquired skills and knowledge can then be applied to the analysis and resolution of concrete problems and to decision-making in economics and management.
Prerequisites for admission	Laurea Specialistica and documents of English Exams (IELTS/ TOEFL)
Email	segreteria@luiss.it
Web site	www.luiss.it
Source - last access	University website: <u>www.luiss.it</u> – 03 September 2009

#### **Economics and Management/Finance**

Course Title & University	<b>BA in International Economics, Management and Finance –Bocconi University of Milan</b> Faculty of Economics
Objectives	The Bachelor of International Economics, Management and Finance provides students with an in-depth understanding of the structure of the economic system from an international perspective and aids them in acquiring the tools needed to deal with the mechanisms which regulate this integration at the economic, monetary, commercial, financial and institutional levels among the leading regional economies through a comparative approach.
Prerequisites for admission	SAT test, English language certificate. All Italians and International applicants are welcome. Applications from both Italian and international students are welcome.
Job opportunities	Professional and managerial careers, in a variety of roles within national and international corporations (marketing and sales, finance, personnel, administration, etc.); consultancy careers in national and international contexts; research careers, with special reference to international issues; careers in international and supranational institutions.
Email	Undergraduate School Student Administration: <a href="mailto:undergraduateschool@unibocconi.it">undergraduateschool@unibocconi.it</a> or Program Director angelo.cardani@unibocconi.it
Web site	www.unibocconi.it
Source - last access	University website: <a href="https://www.unibocconi.it">www.unibocconi.it</a> 03 September 2009



# Engineering

	Engmeering
Course Title & University	BA in Automotive Engineering - Polytechnic University of Turin Faculty of Engineering
Objectives	The objective of the bachelor course is for students to form technical skills, focusing on the characteristics and technologies regarding the fabrication of motor vehicles. Students, after a short period of practical experience, participate in the formulation of plans, in the competitive development of products, in the development of searches applied in the car field and in the management and trading of industrial plans.
Job opportunities	Companies that produce motor vehicles and/or motor vehicle parts; laboratories and research centers dedicated to motor vehicles; organizations that are responsible for transport, mobility and emergency.
Email	Prof. Giancarlo Genta giancarlo.genta@polito.it or segreteria.studenti@polito.it
Web site	www.polito.it
Source - last access	University website: <a href="https://www.polito.it">www.polito.it</a> – 03 September 2009
Course Title & University	BA in Electronic and Computer Engineering - Polytechnic University of Turin Faculty of Engineering
Objectives	The graduate in Electronic and Computer Engineering more oriented to the computer aspects will have the possibility of dealing with issues related to the information processing, from both the software and hardware point of views. He/she will apply the knowledge gained in the course to the drawing, design, functional control of data processing systems for commercial, industrial or scientific purposes. He/she will design and test the hardware components, the computer networks and their peripherals. Gaining more knowledge on such subjects, this engineer will be able to supervise and manage such activities.
Job opportunities	The most common employment of this type of engineer is in various sectors, as in: IT industries active in hardware and software production; Industries for automation and robotics; Companies operating in the area of the information systems and in computer networks; Service providers; Information services of the public administration; Information services for the electronic trade.
Email	Prof. Mario Orefice <u>mario.orefice@polito.it</u> or <u>segreteria.studenti@polito.it</u>
Web site	www.polito.it
Source - last access	University website: <u>www.polito.it</u> – 03 September 2009



Course Title & University	BA in Textile Engineering - Polytechnic University of Turin Faculty of Engineering
Objectives	The course is set within the wider context of industrial engineering. The course aims to create a professional with the scientific and technological skills of both industrial and chemical engineering. Industrial engineering subjects include structural engineering, mechanical technology and plant engineering, electrical and system engineering and industrial economics. Chemical engineering subjects include detailed study of chemical and physical mechanisms and their relationships with thermodynamics, kinetics and heat transfer, material and motion quantity, all of which have implications for natural and industrial processes of transformation.
Job opportunities	Chemical engineering graduates have the scientific knowledge and methodological background to make overall evaluations of the development of any industrial process, develop industrial projects and manage complex engineering systems and research. This background makes it possible for chemical engineers to work not only specifically in the chemical, petrochemical and oil industries but more generally in any area of processing and transformation and also for local bodies which specialize in industrial safety and environment protection.
Email	Prof. Alessandro Sasso poli.unibiella@cittastudi.org or segreteria.studenti@polito.it
Web site	www.polito.it
Source - last access	University website: <a href="https://www.polito.it">www.polito.it</a> – 03 September 2009



Second Cycle Degree Programs 8		
Agriculture IMaHS - International Master's in Horticultural Sciences - University of Bologna	10 10	
Economics and Business Law MSc in European Economy and Business Law - University of Rome Tor Vergata	10 10	
Economics and Business Management  MSc International Management - Bocconi University of Milan  MSc Marketing Management - Bocconi University of Milan  CLAMDA International Management - Bologna University	11 11 11 12	
Economics and Culture  MSc in Economics and Management in Arts, Culture, Media and Entertainment - Bocconi University of Milan GIOCA Graduate Degree in Innovation and Organization of Culture and the Arts University of Bologna	12 12 -	
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Economics/Finance MSc in Finance - University of Rome Tor Vergata	14 14	
Economics/Management MSc in Economics and Management in Innovation and Technology - Bocconi University of Milan	14 14	
Economics/Social Sciences  MSc in Economics and Social Sciences - Bocconi University of Milan	14 14	
Electronic and Technical Engineering  MSc in Nanotechnologies for ICT Engineering - Polytechnic University of Turin  MSc in Artificial Intelligence and Robotics - University of Rome Sapienza  MSc in Computer Engineering - University of Rome Sapienza	15 15 16 16	
Engineering MSc in Automotive Engineering - Polytechnic University of Turin	17 17	
General Management Master in General Management - LUISS University of Rome	17 17	
Industrial Engineering and Management  MSc in Industrial Engineering and Management - Polytechnic University of Turin	18 18	
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European MSc in Advanced Spectroscopy in Chemistry - Bologna University	18
Information and Communication Technologies/Engineering	19
MSc in Computational Logic - Free University of Bozen / Bolzano	19
MSc in Language and Communication Technologies - Free University of Bozen /	
Bolzano	19
MSc in Software Engineering – Free University of Bozen / Bolzano	20
MSc in Telematic Engineering - Polytechnic University of Turin	20
MSc in Telecommunication Engineering - Polytechnic University of Turin	21
MSc in Telecommunication Engineering - University of Rome Tor Vergata	21
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University of Turin	22
Mathematical, Physical and Natural Sciences	23
International Master in Bioinformatics - Bologna University	23
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# Agriculture

Course Title & University	IMaHS - International Master's in Horticultural Sciences - University of Bologna Faculty of Agriculture
Objectives	To provide motivated international students with highly specialized professional skills focusing on the design, management and evaluation of horticultural production systems; to provide a top level program that highly qualifies graduates to deal with the challenge of modern horticulture and, additionally, to offer them the instruments to face the rapid changes occurring at European and worldwide levels. The three universities involved in the program represent scientific excellence at the worldwide level in several topics in horticulture.
Prerequisites for admission	There will be one common admission criterion, one common application procedure and a joint student selection process. Bachelor of Science examination (or equivalent examination that totals at least 180 ECTS) in a Life Science study program (e.g. Horticulture, Agriculture, Forestry, Biology) is required to enter the program.
Job opportunities	This Master's program will train professionals to be specifically qualified for the global horticultural markets. The curriculum is designed to take into account the needs of potential employers (e.g. National and European agencies and Ministries, International Horticultural agencies, European enterprises for technology transfer in horticulture at the global level). Graduates are expected to deal with: fruit quality and safety control and management; control of production and protection systems; storage and supply management systems; value enhancement of Genetic diversity to breeding programs; nurseries and seed companies management; field and greenhouse management.
Relevant Information	The 2 years Erasmus Mundus International Master Course (120 ECTS) is organized by the University of Bologna (project's coordinator) in partnership with the Technische Universität München (Germany) and the Bodenkultur Universität Wien (Austria). At the end of the program each student who will have fulfilled the academic requirements, will be granted with the three diplomas of the universities involved. The Master's program will offer research-orientated teaching and offers to Third Country students the opportunity to be granted with scholarships. The course will be open to 25 EU students and 17 third-country students.
Email	IMaHS Administration Department of Fruit Tree and Woody Plant Sciences facagr.imahs@unibo.it or orientamento@unibo.it
Web site	www.imahs.unibo.it
Source - last access	University website: www.unibo.it – 03 September 2009

#### **Economics and Business Law**

Course Title & University	MSc in European Economy and Business Law - University of Rome Tor Vergata Faculty of Economic and Business Law
	It aims to fulfill the ever-growing demand for technically qualified people in economic, financial and
Objectives	regulatory policies, in the context of European and international affairs.
Prerequisites for	Applicants must hold a Bachelor degree; excellent knowledge of the English language; knowledge of general
admission	principles of economics.
Job opportunities	Public national and local Administrations; Firms which operate in the real and financial sectors of the
	economy; International and European institutions with a focus on European affairs and directives.
	Course Coordinator Prof. Gustavo Piga Msc EBL@economia.uniroma2.it
Email	or MSC Program Office <a href="mailto:study.in.english@economia.uniroma2.it">study.in.english@economia.uniroma2.it</a>
Web site	www.economia.uniroma2.it/eebl



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University website: <a href="https://www.uniroma2.it">www.uniroma2.it</a> – 03 September 2009

#### **Economics and Business Management**

	Economics and business Management
Course Title & University	MSc International Management - Bocconi University of Milan Faculty of Economics and Business Management
Objectives	The CEMS Master in International Management provides a selected group of the best European students with the know-how and expertise needed to succeed in the new international business environment. Devised by both academic and business leaders, the CEMS MIM program bridges university education and practical management. It offers keen insights into leadership best practice and the program content and relevance are closely monitored and coordinated by a committee.
Job opportunities	It creates multicultural and multilingual managers with the skills to thrive in tomorrow's business environment. This degree is a natural choice for students with an excellent academic track record and the potential to take on senior international management roles.
Email	Prof. Stefano Caselli cems@unibocconi.it
Web site	www.unibocconi.it
Source - last access	University website: <a href="https://www.unibocconi.it">www.unibocconi.it</a> – 03 September 2009
Course Title & University	MSc Marketing Management - Bocconi University of Milan Faculty of Economics/Management
Objectives	Program curriculum includes core fundamentals, such as Marketing Management and Sales Management, as well as ten advanced courses, such as Strategic Marketing & Business Intelligence and Marketing of Innovations, which will improve participants' understanding of specific marketing and sales management activities. The program is spread over 14 months with a blend of residential modules in Milan, Barcelona and Madrid, as well as distance learning sessions. Upon course completion, participants will receive a joint degree from ESADE and SDA Bocconi, and will have access to an extensive alumni network, as well as to an evergrowing emms alumni network.
Prerequisites for admission	EMMS is designed for participants with a university or bachelor's degree, with at least 2 years of work experience, and with a proven knowledge of English (TOEFL or equivalent English proficiency test).
Email	Program Director Antonella Carù antonella.caru@unibocconi.it or ems@sdabocconi.it
Web site	www.unibocconi.it
Source - last access	University website: www.unibocconi.it – 03 September 2009



Course Title & University	CLAMDA International Management - Bologna University Faculty of Economics and Business Management
Objectives	To train students with specialized skills focusing on business internationalization, with a particular emphasis on the economy of Asian countries and the processes of international procurement.
Prerequisites for admission	Basic knowledge in maths and management disciplines. First level degree in any discipline or a Bachelor degree achieved abroad that has been deemed eligible. The admission is regulated by an assessment of the candidate's skills: students interested in the Master of Science in International Management have to pass the skills assessment with a minimum of 60 points
Relevant Information	CLAMDA consists of two separate training courses (curriculum): Management (in Italian) and International Management (in English). Internal quotas established: 70 positions for students interested in the Master of Science in Management and 30 positions for students interested in the Master of Science in International Management. Students enrolled in the admission test may participate in the selection for one or both curricula; this will lead to the formation of two separate rankings for each individual curriculum.
Email	CLAMDA Administration Office segecosta@ammc.unibo.it or or orientamento@unibo.it
Web site	www.im.unibo.it
Source - last access	University website: <u>www.unibo.it</u> – 03 September 2009

#### **Economics and Culture**

Course Title & University	MSc in Economics and Management in Arts, Culture, Media and Entertainment - Bocconi University of Milan Faculty of Economics and Culture
Objectives	The program is aimed at training graduates with a strong interest in cultural productions and institutions, and who, generally speaking, have a definite vocation for the so-called "creative industries", such as cultural heritage, media, entertainment, fashion and design; industries whose value chain is deeply influenced by the interaction between economics, management, arts, and intellectual and creative endeavors.
Job opportunities	Graduates are typically offered career opportunities in the following specialized sectors: cultural heritage and arts market; media (television, cinema, radio, traditional publishing and multimedia; music industry); communication; editing and media live entertainment; tourism; fashion and design.
E-mail	Prof. Stefano Baia stefano.baia@unibocconi.it
Web site	www.unibocconi.it
Source - last access	University website: www.unibocconi.it – 03 September 2009
Course Title & University	GIOCA Graduate Degree in Innovation and Organization of Culture and the Arts - University of Bologna Faculty of Economics and Culture
Objectives  Propognicitos for	To help students attain the management skills they will need to work in cultural organizations: interacting with the cultural dimension of different types of organizations, understanding their needs and interfacing with the requirements of the surrounding economic and social word. The Program focuses on profound managerial knowledge and uses a strong interdisciplinary and international approach
Prerequisites for	Two types of candidates can be admitted to GIOCA who must respectively follow two different procedures



admission	for admission: Italian students and students who are citizens of the European Union or from countries of comparable qualification; students who are not citizens of the European Union. Admission to GIOCA is regulated by an evaluation of the candidate's preparation and an eventual test to define the final ranking
Job opportunities	Cultural Organizations
Relevant Information	Two-year second level degree in arts and cultural management. In order to give students proper attention, a maximum of 30 students are admitted per year
Email	gioca@economia.unibo.it
Web site	gioca.economia.unibo.it
Source - last access	University website: <u>www.unibo.it</u> – 03 September 2009

#### **Economics**

Course Title & University	MSc in Economics - University of Rome Tor Vergata Faculty of Economics
Objectives	Degree aimed at preparing economists for professional work and economic research.
Prerequisites for admission Job	Applicants must hold a Bachelor degree; excellent knowledge of the English language; knowledge of general principles of economics.  Research offices of national and international governmental economic institutions, large corporations, large
opportunities	banks, financial institutions and research centers  Dott.ssa Valentina Vaiuso mastermei@economia.uniroma2.it
Email	or MSC Program Office study.in.english@economia.uniroma2.it
Web site	www.ceistorvergata.it
Source - last access	University website: www.uniroma2.it – 03 September 2009
University	Faculty of Economics  To provide students with rigorous training in advanced economics and econometrics essential for those
Course Title & University	LMEC Graduate Degree in Economics - Bologna University Faculty of Economics
Objectives	wishing to pursue a career in economic research, either in a leading university or in research-oriented public or private organizations. Foreign students represent an important part of the LMEC and are encouraged to apply.
Prerequisites for admission	Admission to the LMEC requires an undergraduate bachelor degree in Economics, Political Sciences, Mathematics, Engineering and Natural Sciences (e.g. Physics, Chemistry, etc.)
Job opportunities	Theoretical and/or applied researcher. Operating and executive functions in the context of manufacturing businesses, financial firms, services firms and the public administration; Study and operating activities for independent authorities, international organizations and study branches of research centers; Consultancy; Teaching and training in the field of economic sciences
Relevant Information	2nd Level Degree Course. Upon successful completion of the requirements for LMEC, students may be admitted to the Ph.D. program in Economics offered by the Department of Economics. Students must choose among several optional courses. During the second year of the degree students must prepare a dissertation
Email	Tutor Ilaria Pirocchi <u>ilaria.pirocchi@unibo.it</u> or <u>orientamento@unibo.it</u>
Web site	www.eng.unibo.it



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#### **Economics/Finance**

Course Title & University	MSc in Finance - University of Rome Tor Vergata Faculty of Economics and Finance
Objectives	The MSc in Finance is for graduates who wish to acquire strong skills in the field of quantitative finance, covering an exhaustive spectrum of technical and financial applications.
Prerequisites for admission	Applicants must hold a Bachelor degree; excellent knowledge of the English language; knowledge of general principles of economics.
Job opportunities	Many career opportunities in the professional field of quantitative finance (risk controller, asset manager, financial engineer, risk consultant, quantitative analyst, financial software engineer) in institutions such as: banks and trading houses, pension funds, insurance companies, central banks and other regulators, corporate treasuries.
Email	MSC Program Office study.in.english@economia.uniroma2.it
Web site	www.ceistorvergata.it
Source - last access	University website: <a href="https://www.uniroma2.it">www.uniroma2.it</a> – 03 September 2009

## **Economics/Management**

Course Title & University	MSc in Economics and Management in Innovation and Technology - Bocconi University of Milan Faculty of Economics/Management
Objectives	In the first year, students acquire a solid foundation in economic theory, analytical tools and methodologies useful to understand and manage internationalization and innovation processes. The courses touch on many different areas: economics and management, law, history, and statistics. The second year offers the chance to look more deeply into such areas as development economics, supply chain management or information systems governance.
	EMIT students' professional careers will not be bound within specific sectors (e.g. biotechnologies) or
Job opportunities	functions (e.g. marketing) but will be driven towards a range of fast-changing contexts often characterized by the presence of medium and large public and private organizations, where the ability to analyze and influence changes is paramount.
Email	Program Director Prof. Stefano Breschi
Web site	stefano.breschi@unibocconi.it  www.unibocconi.it
Source - last access	University website: www.unibocconi.it – 03 September 2009

#### **Economics/Social Sciences**

University	MSc in Economics and Social Sciences - Bocconi University of Milan Faculty of Economic/Social Sciences
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Relevant	Visit the university's web site for detailed information about the program.
Information	
	Program Director Prof. Marco Bonetti
Email	marco.bonetti@unibocconi.it
Web site	www.unibocconi.it
Web site	
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access	University website: <u>www.uniroma2.it</u> – 03 September 2009
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access	Oliversity website. www.unitomaz.it = 03 September 2009
	Electronic and Technical Engineering
Course Title & University	MSc in Nanotechnologies for ICT Engineering - Polytechnic University of Turin Faculty of Electronic and Technical Engineering
Objectives	The aim of this course is to develop a professional as requested by industries with advanced technologies. A graduate in micro and nanotechnologies can develop methods and products to increase know-how and competitiveness within European industries with advanced technologies, especially in the information technologies field.
Prerequisites for admission	BA in relevant disciplines
Job opportunities	High-tech industries within the French-Swiss-Italian area
Relevant Information	Courses are held in Turin, Losanna and Grenoble
Email	Prof. Candido Pirri <u>fabrizio.pirri@polito.it</u> or <u>international.admission@polito.it</u>
Web site	www.international.polito.it
Source - last access	University website: <a href="https://www.polito.it">www.polito.it</a> – 03 September 2009
Course Title & University	IMMSSET Information Master in Materials and Sensors Systems for Environmental Technologies - Bologna University Faculty of Electronic and Technical Engineering
Objectives	The Master Degree IMMSSET will recruit students according to the following criteria: have a degree in higher education, corresponding to a bachelor's degree or equivalent (180 credits ECTS: European Credit Transfer System); be proficient in the language of the selected entrance university plus one more language in the consortium; submit a complete set of the required documents within the deadline. Student selection comprises all requirements that the teaching Commission will consider in order to rank the applicants, and is based on a combination of academic records, professional experience, personal motivation and competencies.
Job opportunities	Professional fields: industry, health and environment. Industries and laboratories in the following sectors: construction, transports, aeronautics, energy, biotechnology, telecommunication, food, packaging, etc. Their future professional activities developed in these fields include: leading positions in engineering production and projects departments, R&D professionals in manufacturer companies, qualified researchers in technological institutes and university laboratories, among others
Relevant Information	The Masters Course in Materials and Sensors Systems for Environmental Technologies is offered jointly by the Escuela Técnica Superior de Diseño Industrial (ETSID) at the Universidad Politécnica de Valencia, the Università degli Studi di Bologna and the Kungliga Tekniska Högskolan (KTH) in Stockholm, as part of the Erasmus Mundus Program. This Master is a two-ear course (120 ECTS). The study program is organized in three modules: Module I: Industrial Process Design; Module II: Materials Science; Module III: Sensors Systems
Email	orientamento@unibo.it



	www.unibo.it
Web site	
Source - last access	University website: www.unibo.it – 03 September 2009
Course Title & University	MSc in Artificial Intelligence and Robotics - University of Rome Sapienza Faculty of Engineering
Objectives	Students of the Master (Laurea Magistrale) in Artificial Intelligence and Robotics will acquire the ability to design and implement robotic systems and their specific components. This also includes interdisciplinary skills to manage complex projects and their impact on society.
Prerequisites for admission	Good knowledge of basic science and engineering areas
Job opportunities	Engineers with a Master's degree in Artificial Intelligence and Robotics qualify for jobs in information technology, with specific focus on Artificial Intelligence, Robotics and Computer Graphics in private and public organizations. The following are typical examples of target activities:  • software development  • dedicated and embedded systems design  • automation and robotics
Email	airo@dis.uniroma1.it
Web site	http://www.dis.uniroma1.it/airo
Source - last access	University website: <a href="https://www.uniroma1.it">www.uniroma1.it</a> – 03 September 2009
Course Title & University	MSc in Computer Engineering - University of Rome Sapienza Faculty of Electronic and Technical Engineering
Objectives	Students of the Master in Computer Engineering will gain the ability to design and implement information processing systems and their specific components. This also includes interdisciplinary skills to manage complex information systems, computer systems, and service centers in public and private organizations.
Prerequisites for admission	Good knowledge of basic science and engineering areas
Job opportunities	Engineers with a Master's degree in Computer Engineering qualify for jobs in information technology in private and public organizations. The following are typical examples of target activities:  • software development  • computer networking  • information systems design  • automation and robotics
Email	mce@dis.uniroma1it



Web site	http://www.dis.uniroma1.it/mce
Source - last access	University website: <u>www.uniromal.it</u> – 03 September 2009

#### **Engineering**

Course Title & University	MSc in Automotive Engineering - Polytechnic University of Turin Faculty of Engineering
Objectives	The Master of Science in Motor Vehicle Engineering deals with various aspects like design, management of production, processes and technologies, human resource, economy and business organization, quality control, marketing, as well as management of environment and security.  The aim of the course is to groom engineers with a deep knowledge of functional features of the motor vehicle and of production technologies. A successful motor vehicle engineer always keeps a keen eye on innovation, competition and international development of companies that can contribute to the managing of integrated systems. A graduate can coordinate with new techniques, research, development and planning activities and management of technical services. Basic scientific topics are studied,in-depth and competition-oriented skills are developed. The market in which graduates are going to work typically involves international experiences, because of the globalization of the motor vehicle market.
Prerequisites for admission	BA in Automotive Engineering
Job opportunities	A graduate can be employed in motor vehicle industries, both in Italy and abroad.  The wide range of skills acquired gives a successful engineer the opportunity to work in a lot of other fields, including those that are of high complexity.
Email	segreteria.studenti@polito.it
Web site	www.polito.it
Source - last access	University website: www.polito.it – 03 September 2009

#### **General Management**

Course Title & University	Master in General Management - LUISS University of Rome Faculty of Economics
Objectives	The Master in General Management is specially-designed for students with a firm orientation towards international affairs.  Besides a comprehensive knowledge in the fields of economics and corporate management, this course will also provide students with an in-depth understanding of the internationalization processes. The program will focus on the development of planning capacities and leadership and will help students to develop capacities that are necessary to hold management positions, through the possibility of carrying out project work within Italian or foreign companies. After acquiring a general management background, participants are required to choose among five different profiles which will allow them to better respond to market needs.



Prerequisites for admission	Bachelor Degree, English proficiency, An update Curriculum Vitae, A letter of motivation, a completed GMAT Test (minimum 550/900) is considered as asset. Other admission requirements are: The LUISS' selection test is mandatory for the following students: all students coming from other Universities who have a final score of their BA degree of at least 100/110 (Italian system) or an equivalent score of foreign University systems. LUISS Guido Carli students of the Faculty of Economy with a final BA score of less than 100/110 .LUISS Guido Carli students enrolled at the faculty of Political Science or Law, independent of their final scores. LUISS Guido Carli students enrolled at the Faculty of Economy with a final score of more than 100/110 are exempted from the selection test. The test will be in English and will include multiple choice as well as open questions and aims to verify the basic knowledge of a BA course in Economics.
Job opportunities	Through the acquired knowledge, participants will be able to hold a position such as a manager, consultant, marketing expert, financial director, administrative director or commercial director.
Email	segreteria@luiss.it
Web site	www.luiss.it
Source - last access	University website: www.luiss.it – 03 September 2009

#### **Industrial Engineering and Management**

Course Title & University	MSc in Industrial Engineering and Management - Polytechnic University of Turin
	Faculty of Industrial Engineering and Management
Objectives	The aim of this course is to provide for the development of a specialized engineer with knowledge in technologic, economic, and managerial fields. Economic and management-related topics are the same for all the engineering areas, while technical topics are very different. For this reason, the Master of Science ( <i>Laurea specialistica</i> ) in Industrial Engineering and Management is divided into two stages:  a) the first one, common to all students, gives basic economic and managerial knowledge; b) the second is divided into different curriculum and allows the students to choose from one of these fields. In the first stage, economic and management topics are studied.
Job opportunities	This type of professional is in demand in the job market, since he/she can combine technical as well as economic features and is able to more suitably address the complex needs in industrial and service-related fields
Email	master.universitari@polito.it
Web site	www.polito.it
Source - last access	University website: www.polito.it – 03 September 2009

## **Industrial Chemistry**

Course Title & University	European MSc in Advanced Spectroscopy in Chemistry - Bologna University Faculty of Industrial Chemistry
Objectives	To prepare students to become experts and develop international skills towards doctoral studies, and/or professional industrial careers in chemical analysis, structure characterization and imaging, process monitoring, and molecular modeling, as well as doctoral studies



	Application for Admission in the ASC program is entitled for students holding a Euro bachelor in Chemistry	
Prerequisites for admission	or equivalent education in the field of Chemistry, Biochemistry, Physical Chemistry and Physics. This ASC curriculum is recommended for students with relevant chemical or related experience	
Job opportunities	Students completing this European master's degree with a thesis will be better prepared for European R&D careers in instrument manufactures, spectroscopic laboratories, analytical enterprises or administrative organizations	
Relevant Information	A two year (4 semesters, 30 ECTS each) Master program. Further scientific progress towards PhD programs will be made available. Evaluation of a student's academic records, based on international tests such as GPA, TOEFL, IELT, etc. will include a motivated statement of purpose about studying Advanced Spectroscopy in Europe	
Email	Mrs. Francine Chanier  master-asc@univ-lille1.fr	
Web site	www.master-asc.org or www.unibo.it	
Source - last access	University website: <a href="https://www.unibo.it">www.unibo.it</a> – 03 September 2009	
Information and Communication Technologies/Engineering		
Course Title & University	MSc in Computational Logic - Free University of Bozen / Bolzano Faculty of Information and Communication Technologies Engineering	
Objectives	The course consists of Foundation units, selected Advanced units, a Project, and a Master thesis, for a total of 120 ECTS credits. All participating universities offer the foundation units. The advanced units will be different and depend on the participating university.	
Relevant Information	This program, completely in English, involves studying one year at the Free University of Bozen-Bolzano and completing the second year with a stay in one of the partner universities. After this, the student will obtain, together with the European degree, two Master of Science degrees: the specialist Laurea degree from the Free University of Bozen-Bolzano, with legal value in Italy, and the respective Master of Science degree from the visited university, with legal value in its country. In collaboration with computer science departments at the following universities: Technische Universität Dresden, Germany; Universidade Nova de Lisboa, Portugal; Technische Universität Wien, Austria; Universidad Politécnica de Madrid, Spain.	
Email	FUB EMCL Information Desk info@fub.computational-logic.eu	
Web site	http://www.computational-logic.eu/home.php	
Source - last access	University website: www.unibz.it – 03 September 2009	
Course Title & University	MSc in Language and Communication Technologies - Free University of Bozen / Bolzano Faculty of Information and Communication Technologies Engineering	



modules in the other selected university.

**Objectives** 

The course consists of Compulsory Modules and Advanced Modules in Language Technology (LT) and Computer Science (CS), complemented by a Project, and a Master thesis, for a total of 120 ECTS credits. Typically, students will attend the compulsory modules in LT in one university and the CS compulsory

Relevant Information	Students have the possibility to study one year at the Free University of Bozen-Bolzano, and complete the second year with a stay in one of the partner universities. By choosing this option, after the two years, the student will obtain, together with the European Diploma Supplement delivered by the Consortium of all the partner universities, <b>two Master of Science degrees</b> : the <i>Laurea Specialistica in Informatica</i> degree from the Free University of Bozen -Bolzano, with legal value in Italy, and the respective Master of Science degree from the visited university, with legal value in its country. A similar exchange to the Free University of Bozen Bolzano may involve students starting at some other partner university.
Email	Raffaella Bernardi  bernardi@inf.unibz.it
Web site	http://www.inf.unibz.it/mcs/lct/
Source - last access	University website: www.unibz.it – 03 September 2009
Course Title & University	MSc in Software Engineering – Free University of Bozen / Bolzano Faculty of Information and Communication Technologies and Engineering
Objectives	The discipline Software Engineering is traditionally designed to bridge industry and research needs. The European Masters in Software Engineering enforces this aspect, offering a wide spectrum of courses based on the high scientific knowledge of each partner University both in theoretical and applied research. With this program, students will be guided onto a cognitive path including foundation courses – such as advanced statistics, requirements engineering, verification and validation, software quality and management – and elective courses in which basic knowledge is applied, such as distributed systems, information management, computer networks, cluster technologies, software product lines, system engineering, system security, internet technologies, usability and others.
Job opportunities	With EMSE, students will become familiar with the Software Engineering discipline both through theoretical and practical experience. This program aims at forming high qualified professionals in software engineering with a strong theoretical base and practical competence that can be used both in industry and for a further education plan.
Relevant Information	With this program the student will obtain, together with the European degree, two Master of Science degrees: the Laurea Specialistica in Informatica degree of the Free University of Bozen-Bolzano, with legal value in Italy, and the respective Master of Science degree of the visited university, with legal value in his country.
Email	Prof. Barbara Russo <u>Barbara.Russo@unibz.it</u> or <u>computer.science@unibz.it</u>
Web site Source - last access	http://www.unibz.it/inf/emse/ University website: www.unibz.it – 03 September 2009
Course Title & University	MSc in Telematic Engineering - Polytechnic University of Turin Faculty of Information and Communication Technologies and Engineering
Objectives	This course aims to produce an important planning activity, explained in a written piece of work, which strengthens knowledge, communication skills and aptitude for autonomous work by students.
Prerequisites for admission	BA in Telematic Engineering
Job opportunities	Engineers can work in development, production, management and maintenance fields. They can also work in promotion, selling and technical care fields. The skills acquired also enable them to use electronic, informatics and telecommunication systems in the production of e-commerce systems and in applying related technologies.
Email Web site	segreteria.studenti@polito.it
vven site	www.polito.it



Source - last	University website: <u>www.polito.it</u> – 03 September 2009
access	
Course Title &	MSc in Telecommunication Engineering - Polytechnic University of Turin
University	· · · · · · · · · · · · · · · · · · ·
	Faculty of Information and Communication Technologies and Engineering
	This Master of Science Degree (Laurea specialistica) culminates with the completion of an important
	programming activity, ending in a written work (tesi)- that requires sound knowledge, independent working
	skills and a good deal of communication skills. The typical working fields are: production, innovation and
Objectives	development; design, planning and management of advanced complex systems; as consultants both in private
·	or public bodies. The graduate can be employed in telecommunication and planning firms, companies (both
	public and private) that analyze and elaborate data, or in firms and bodies that are not directly connected to the
	telecommunication field but are related to it.
<b>Prerequisites for</b>	BA in Telecommunication Engineering
admission	
	This curriculum includes topics very specific to the fields of telecommunication (i.e. transmission and
Job	propagation of signals and computer networks), electronics and computer science - that give the graduate the skills to work in planning, engineering, production and maintenance of telecommunication systems and
opportunities	devices; in their planning, implement and supplying. These skills enable the engineer to work in research and
	in promotion, selling and customer's care fields.
	Prof. Roberto Gaudino roberto.gaudino@polito.it
Email	
Web site	http://didattica.polito.it/pls
Source - last	University website: <u>www.polito.it</u> – 03 September 2009
access	
Course Title &	MSc in Telecommunication Engineering - University of Rome Tor Vergata
University	Faculty of Information and Communication Technologies and Engineering
	ractify of information and Communication Technologies and Engineering
Email	luglio@uniroma2.it
Web site	www.uniroma2.it
Source - last	University websites www.mineres2 it 02 September 2000
access	University website: <a href="https://www.uniroma2.it">www.uniroma2.it</a> – 03 September 2009
Course Title &	
University	MSc in Electronic Engineering - Polytechnic University of Turin
C111 ( C1510 )	Faculty of Information and Communication Technologies/Engineering
	The analysis of this assume decree must.
	The graduate of this course degree must:  Know theoretical scientific aspects of basic topics and be able to use them to understand complex engineering
	problems, or problems that require an interdisciplinary approach;
	Know engineering aspects, especially related to electronics. He/She should be able to identify, formulate and
	solve complex problems that require an interdisciplinary approach;
Objectives	Be able to invent, plan, design and manage complex and/or innovative systems, processes and services;
v	have knowledge of business administration and of professional ethics;
	Know at least one European language besides Italian.
	The Master of Science Degree (Laurea specialistica) ends with an important programming activity, ending
	with a written work (tesi) that tests the knowledge as well as the student's skills in autonomous working and
Duomo	his/her communication skills.
Prerequisites for admission	BA in Electronic Engineering
	The typical working fields for a successful engineer are: innovation and implementation of complex systems,
Job	planning, programming and management of these systems, both as a freelancer and in firms or public bodies.
opportunities	The graduate can be employed in firms that design and manufacture electronic and opto-electronic



	components, devices and systems; in manufacturing industries, in public administration and in services' companies, that use electronics technology and infrastructures in civil, industrial and information fields.
	Prof. Dante Del Corso dante.delcorso@polito.it
Email	or segreteria.studenti@polito.it
Web site	http://didattica.polito.it/pls
Source - last access	University website: www.polito.it – 03 September 2009
Course Title &	MSc in Computer Engineering - Polytechnic University of Turin
University	Faculty of Information and Communication Technologies/Engineering
Objectives	Innovation and development of production; advanced planning, programming, managing of complex systems; manufacturing hardware and software and handling automation and robotics.
Prerequisites for admission	BA in Computer Engineering
Job opportunities	Design, product engineering, implementation and maintenance of information systems; managing of computer science in information system laboratories for industrial production.
Email	Prof. Pietro Laface pietro.laface@polito.it or segreteria.studenti@polito.it
Web site	http://didattica.polito.it/pls
Source - last access	University website: <u>www.polito.it</u> – 03 September 2009
Course Title & University	MSc in Computer and Communication Networks Engineering - Polytechnic University of Turin Faculty of Information and Communication Technologies and Engineering
Objectives	This course aims to produce an important planning activity, explained in a written piece of work, which strengthens knowledge, communication skills and aptitude for autonomous work by students.
Prerequisites for admission	BA in Telematic Engineering
Job opportunities	Engineers can work in development, production, management and maintenance fields. They can also work in promotion, selling and technical care fields. The skills acquired enable them to also use electronic, informatics and telecommunication systems in the production of e-commerce systems and in applying related technologies.
Email	Prof. Andrea Bianco andrea.bianco@polito.it or segreteria.studenti@polito.it
Web site	http://didattica.polito.it/pls
Source - last access	University website: www.polito.it - 03 September 2009



#### **Mathematical, Physical and Natural Sciences**

Course Title & University	International Master in Bioinformatics - Bologna University Faculty of Mathematical, Physical and Natural Sciences
Objectives	Acquisition of mathematical, statistical, computing, physical and chemical tools; knowledge of computer science with a focus on neural networks, artificial intelligence and soft computing, computational simulations, computational graphic design, user-processor interaction and multimedia systems; knowledge of the basics of biology and relative applications, with an emphasis on the molecular applications related to bimolecular ones under normal and altered conditions, reciprocal interactions within cells, tissues and organisms, regulation of gene expressions and environmental effects
Target group and prerequisites for admission	To be admitted to this second level degree course, applicants must have attained one of the following degrees: Class 12-Biological Sciences; Class 1-Biotechnologies. Alternatively, they must have a four-year Italian degree in Biological Sciences or Biotechnologies; another qualification attained abroad after 12 years or more of school education and deemed suitable; possession of at least 100 credits ascribed to the various scientific-disciplinary sectors
Job opportunities	The learning activities of the study program intend to train professionals, experts in bioinformatics, qualified to carry out R & D in the post-genomic age in sectors like biology, physiology, molecular genetics, structural biochemistry and molecular medicine, to do research in the domain of artificial intelligence settings and contribute to research in systems of biomedical interest.
Relevant Information	2nd Level Degree Course. The lab activities delivered entail: a good command of planning techniques; the acquisition of experimental computing methods; the acquisition of specific methods for the implementation and management of biological data banks; the acquisition of specific methods for the analysis of bio sequences, protein modeling and drug design
Email	orientamento@unibo.it
Web site	http://www.biocomp.unibo.it/lsbioinfo/
Source - last access	University website: www.unibo.it - 03 September 2009

#### **Political Sciences/Economics and Humanities**

Course Title & University	MA in Development Studies - University of Rome Sapienza Faculties of Political Sciences, Economics, Humanities
Objectives	The Master Degree in Development Studies aims to offer knowledge and expertise for a career in academia, government and the private sector, in a wide variety of sectors including central or local government, consultancies, NGOs and international agencies.  The Master Degree in Development Studies aims to provide a broad education in international cooperation and economic development, enabling students to acquire the knowledge and critical understanding needed to make a significant contribution to the management of public and private actions within an international cooperation framework.
Email	Servizio.orientamento@uniroma1.it
Web site	www.uniroma1.it
Source - last access	University website: <a href="https://www.uniroma1.it">www.uniroma1.it</a> - 03 September 2009



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Economics Ph.D. in Economics - Bocconi University of Milan Ph.D. in Management, Competitiveness and Development - Sant'Anna School of Advanced Studies International Doctoral Program in Economics - Sant'Anna School of Advanced Studies	27 28	
Ph.D. in Econometrics and Empirical Economics - University of Rome Tor Vergenta Ph.D. in International Economics - University of Rome Tor Vergata European Ph.D. in Socio-Economic And Statistical Studies - University of Rome Sapienza Doctoral School of Economics - University of Rome Sapienza	28 28	
Economic/Political Sciences  Ph.D. in Politics, Human Rights and Sustainability - Sant'Anna School of Adva Studies  Ph.D. in International Law and Economics - Bocconi University of Milan	30 nced 30 30	
Ph.D. in Individual Person and Legal Protection - Sant'Anna School of Advance Studies Ph.D. in Economic Theory and Institutions - University of Rome Tor Vergata		
Finances Ph.D. in Money, Banking and Finance - University of Rome Tor Vergata Ph.D. in Economics - Bocconi University of Milan	31 31 32	
Industrial Mechanics Ph.D. in Environmental and Industrial Fluid Mechanics - SISSA - International School for Advanced Studies of Trieste	32	
Mathematics, Statistics and Geometry Ph.D. in Mathematical Analysis - SISSA - International School for Advanced Studies of Trieste Ph.D. in Mathematical Physics - SISSA - International School for Advanced Studies of Trieste		
of Trieste Ph.D. in Applied Mathematics - SISSA - International School for Advanced Stu of Trieste	33 idies 33	



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Ph.D. in Theory and Numerical Simulation of Condensed Matter - SISSA - International School for Advanced Studies of Trieste Ph.D. in Statistical Physics - SISSA - International School for Advanced Studi Trieste	33 es of 33
Medicine, Biomedical and Biophysics Research Ph.D. in Molecular Medicine - SEMM - European School of Molecular Medicine	34 ne
University Federico II of Naples and University of Milan Ph.D. in Medical Nanotechnologies (SEMM) - University of Milan Ph.D. in Innovative Strategies in Biomedical Research - Sant'Anna School of	34 34
Advanced Studies Ph.D. in Statistical and Molecular Biophysics - University of Trieste Ph.D. in Malaria and Human Development - UNICAM - University of Camerin	34 35 10 35
Neurosciences Ph.D. in Neuroscience - Cognitive Neuroscience - SISSA - International School Advanced Studies of Trieste Ph.D. in Neuroscience - Neurobiology - SISSA - International School for Advanced Studies of Trieste	35
Political Sciences, Economics, Humanities  European Ph.D. in Social Representation and Communication - University of I Sapienza	36 Rome 36
Physics IRAP-Ph.D International Relativistic Astrophysics - University of Rome Sap	36 oienza 36
<b>Psychology</b> European Ph.D. in Cognitive Neuro-Plasticity and Rehabilitation - University o	37 f
Rome Sapienza	37
Technologies, Nanotechnologies and Communication Engineering  Ph. D. in Innovering Technologies of Information & Communication Engineering	37
Ph.D. in Innovative Technologies of Information & Communication Engineering and Robotics - Sant'Anna School of Advanced Studies  Ph.D. School in Nanastructures and Nanatachrologies. University of Roma To	37
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Structural Genomics	39
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# Agriculture/Biology

	Agriculture/biology
Course Title & University	Ph.D. in Agro-biodiversity - Sant'Anna School of Advanced Studies Faculty of Agriculture/Biology
Objectives	The Ph.D. Program in "Agro biosciences" is a three-year program characterized by an interdisciplinary connotation and designed for highly qualified and motivated students who wish to acquire the research and analytical skills of the international scientific community and those of professional academic research to work in government agencies, financial institutions, international agencies, private companies in economics.
Prerequisites for admission	Eligible applicants must hold a Master of Science (MSc.) degree or equivalent title and must be under 35 years of age (see also call for applications section).
Email	Research and University Education Department – Postgraduate Students <a href="mailto:infophd@sssup.it">infophd@sssup.it</a>
Web site	http://www.sssup.it/agrobiodiversity
Source - last access	University website: www.sssup.it 03 September 2009
Course Title & University	Ph.D. in Astroparticle Physics - SISSA - International School for Advanced Studies of Trieste Faculty of Astrophysics
	Ph.D. in Astroparticle Physics - SISSA - International School for Advanced Studies of Trieste Faculty of Astrophysics  Astroparticle Physics, an interdisciplinary field merging astrophysics, cosmology, and particle physics, aims at addressing fundamental issues such as the origin and the evolution of the universe. The field has witnessed in recent years a rapid growth, also in connection to the wealth of new data and the rich experimental program in
University	Faculty of Astrophysics  Astroparticle Physics, an interdisciplinary field merging astrophysics, cosmology, and particle physics, aims at addressing fundamental issues such as the origin and the evolution of the universe. The field has witnessed in
University  Objectives  Prerequisites for	Faculty of Astrophysics  Astroparticle Physics, an interdisciplinary field merging astrophysics, cosmology, and particle physics, aims at addressing fundamental issues such as the origin and the evolution of the universe. The field has witnessed in recent years a rapid growth, also in connection to the wealth of new data and the rich experimental program in progress  Applicants should hold a master level degree (either an Italian "Laurea specialistica", or an equivalent degree,
Objectives Prerequisites for admission	Astroparticle Physics, an interdisciplinary field merging astrophysics, cosmology, and particle physics, aims at addressing fundamental issues such as the origin and the evolution of the universe. The field has witnessed in recent years a rapid growth, also in connection to the wealth of new data and the rich experimental program in progress  Applicants should hold a master level degree (either an Italian "Laurea specialistica", or an equivalent degree, such as a MSc.)

#### **Computer and System Science**

Course Title & University	Ph.D. in Computer Engineering - University of Rome Sapienza Faculty of Engineering
Prerequisites for admission	Candidates must have a specialized first degree or a suitable proof of studies carried out abroad.
Email	segreteria@uniroma.it or visit website (contacts section) to contact course coordinators.
Web site	http://www.dis.uniroma1.it/~dottoratoii/index.php
Source - last access	University website: www.uniroma1.it - 03 September 2009



Course Title & University	Ph.D. in Computer Science - University of Rome Sapienza Faculty of Engineering
Job opportunities	During their program, students typically spend one or two semesters in top academic or industrial research institutions abroad, and after graduation they are ready to start a career both in academia and in industry.
Email	segreteria@uniroma.it or visit website (contacts section) to contact course coordinators.
Web site	http://www.dis.uniroma1.it/~dottoratoii/index.php
Source - last access	University website: www.uniroma1.it - 03 September 2009

#### **Economics**

Course Title & University	Ph.D. in Economics - Bocconi University of Milan Faculty of Economics
Objectives	The PhD in Economics is structured with courses and exams completely in English, in line with the most prestigious European and American PhD programs. It is aimed at Italian and international students interested in furthering their knowledge of modern tools of economic analysis, empirical and theoretical, with the aim of producing analytical work and original research. A Bocconi PhD creates openings in the world of research, both academic and non-academic, in international organizations, central banks, government agencies and large firms.
Target group and prerequisites for admission	The presence of international students in the program is considered an extremely important contribution to its diversity, richness and liveliness. Each year the program expects to receive some applications from international students, both within and outside the E.U. Applicants from outside the E.U. must allow themselves the appropriate amount of time, upon admission to the program, to comply with all the requirements.  Important: a tourist visa is not sufficient to study or work in Italy.
Email	Course coordinator Prof. Gianmarco Ottaviano gianmarco.ottaviano@unibocconi.it or phd.ec@uni-bocconi.it
Web site	www.uni-bocconi.it/phdeconomics
Source - last access	University website: www.unibocconi.it - 03 September 2009
Course Title & University	Ph.D. in Management, Competitiveness and Development - Sant'Anna School of Advanced Studies Faculty of Economics
Objectives	Particular emphasis is given to the management of innovation processes and the international competitiveness of firms, institutions, as well as local, regional and national systems, and to the management of innovative services, such as environmental, insurance, health, technological and industrial policy services.
Prerequisites for admission	Possession of a Master of Science (M.Sc.), or a Master of Arts (M.A.), or equivalent title. Current undergraduate students who will be awarded such a degree before December 15, 2008, may also apply. In this case, a successful application will be conditional to the completion of the degree and the transmission to the School of adequate documentation by December 19, 2008; applicants should not be older than 35 years by October 1, 2008. Candidates older than 35 may be admitted by exception, considering the experience gained.



Email	Research and University Education Department – Postgraduate Students <a href="mailto:infophd@sssup.it">infophd@sssup.it</a>
Web site	http://www.phdmanagement.sssup.it/
Source - last access	University website: www.sssup.it, 03 September 2009
Course Title & University	International Doctoral Program in Economics - Sant'Anna School of Advanced Studies Faculty of Economics
Objectives	The International Doctoral Program in Economics is a three-year program designed for highly qualified and motivated students who wish to acquire the research and analytical skills of the international scientific community in economics.
Prerequisites for admission	Applicants, with no restriction on nationality, must hold a Master of Science (M.Sc.) or a Master of Arts (M.A.) or equivalent title; Current undergraduate students who will be awarded such a degree before September 19, 2008, may also apply. In this case, a successful application will be conditional to the subsequent completion of the degree and the transmission to the School of adequate documentation, also in electronic form, no later than September 22, 2008.
Job opportunities	It is designed for students seeking jobs in academia as well as those who wish to acquire the skills of professional academic research to work in government agencies, financial institutions, international agencies, private companies.
Relevant Information	In partnership with Université Louis Pasteur de Strasbourg, France
Email	Phd Administration Office infophd@sssup.it
Web site	www.sssup.it
Source - last access	University website: www.sssup.it - 03 September 2009
Course Title & University	Ph.D. in Econometrics and Empirical Economics - University of Rome Tor Vergata Faculty of Economics
Objectives	Advanced specialization in econometrics, applied economics and empirical finance.
Job opportunities	Universities or research-oriented organizations.
Email	Director Prof. Franco Peracchi <u>franco.peracchi@uniroma2.it</u> , Program Assistant <u>valentina.vaiuso@uniroma2.it</u> , PHd Administrative Office <u>info@eee.uniroma2.it</u> or <u>economia@uniroma2.it</u>
Web site	www.economia.uniroma2.it
Source - last access	University website: www.uniroma2.it - 03 September 2009
Course Title & University	Ph.D. in International Economics - University of Rome Tor Vergata Faculty of Economics
Prerequisites for admission	Candidates are required to attend advanced courses in International Economics, covering the most recent developments both in trade theory and policy and in international money and finance.
Job opportunities	Universities, public and private research and consulting organizations, and financial institutions.



Email	Director Prof Giancarlo Marini giancarlo.marini@uniroma2.it or economia@uniroma2.it
Web site	http://www.economia.uniroma2.it/mie
Source - last access	University website: <a href="https://www.uniroma2.it">www.uniroma2.it</a> - 03 September 2009
Course Title & University	<b>European Ph.D. in Socio-Economic And Statistical Studies - University of Rome Sapienza</b> Faculty of Economics
Objectives	The objective of the European Ph.D. in Socio-Economic and Statistical Studies is to train doctoral candidates for careers where teaching or decision-making is grounded in a thorough understanding of the interplay of social and economic phenomena and is guided by data-based research adopting the most appropriate and advanced statistical methods.
Prerequisites for admission	Candidates must have completed an academic education with above average results of a minimum of five years in the fields of social sciences or economics.  English proficiency at an academic level is assumed.
Job opportunities	The doctorate is addressed to those who intend to undertake a career in teaching or scientific research.
Relevant Information	The research European Ph.D. in Socio-Economic and Statistical Studies (SESS.EuroPhD) was launched in the year 2001 by the Faculties of Economics, Sociology and Statistics at Università di Roma "La Sapienza", in collaboration with Universitat de Barcelona, Humboldt-Universität zu Berlin, Université Libre de Bruxelles, Université des Sciences et Technologies de Lille, University of Southampton, University of Tampere.
Email	sess.europhd@uniroma1.it
Web site	http://w3.uniroma1.it/sess.europhd/index.html or http://www.europhd.org/
Source - last access	University website: <a href="https://www.uniroma1.it">www.uniroma1.it</a> - 03 September 2009
Course Title & University	Doctoral School of Economics - University of Rome Sapienza Faculty of Economics
Objectives	The School's main goals are: the creation of an integrated system of postgraduate teaching; the formation of highly skilled researchers in a multidisciplinary perspective; to provide a better visibility to postgraduate teaching; to facilitate the students' mobility overseas; to establish forms of collaboration with national and international institutions.
Relevant Information	Established in 2005. The School organizes and coordinates the activities of five PhD programs:  - International monetary and financial markets - Economics - Mathematics for economics and finance - Economic sciences - Economic statistics
Email	segreteria@uniroma1.it
Web site	http://phdschool-economics.dse.uniroma1.it/WebSite/Default.aspx



Source - last access

University website: <a href="https://www.uniroma1.it">www.uniroma1.it</a> - 03 September 2009

#### **Economic/Political Sciences**

Course Title & University  Objectives	Ph.D. in Politics, Human Rights and Sustainability - Sant'Anna School of Advanced Studies Faculty of Economics/Political Sciences  Identity, rights, conflicts in political theory; Rights and social capital in regional development policies; Institutions and mechanisms for protecting human rights: outlines of International Law; Agrarian Law, Environmental Law and Sustainable Development of the land.  Applicants must hold a Master of Science (M.Sc.) or a Master of Arts (M.A.) degree or equivalent title; should
Objectives	Institutions and mechanisms for protecting human rights: outlines of International Law; Agrarian Law, Environmental Law and Sustainable Development of the land.  Applicants must hold a Master of Science (M.Sc.) or a Master of Arts (M.A.) degree or equivalent title; should
Prerequisites for admission	not be older than 35 years on October 1, 2008; older than 35 may be admitted by exception by the Examination Committee.
Email	Phd Administration Office infophd@sssup.it
Web site	www.sssup.it
Source - last access	University website: www.sssup.it - 03 September 2009
Course Title & University	Ph.D. in International Law and Economics - Bocconi University of Milan Faculty of Economics/ Political Science
Objectives	The program aims to provide the instruments for the analysis of political and economic presumptions and the typical legal patterns in which national economies evolve.
Job opportunities	Over 60 doctorate students have found jobs in international organizations, research centers, public administrations, multinational organizations, consultancy and professional law firms, as well as in universities in Italy and abroad.
Relevant Information	The PhD in International Law and Economics lasts 3 years and is organized by way of courses and specialized seminars, as well as working groups and seminar series in Italy and abroad. In particular, during the first year, students are obliged to take courses and seminars for a total of 400 hours. During the second year, doctoral students are invited to carry out placements in universities and research centers abroad. The third year is dedicated to their thesis.
Email	Course coordinator Prof Giorgio Sacerdoti giorgio.sacerdoti@unibocconi.it or phd.ec@uni-bocconi.it
Web site	www.unibocconi.it/phdeconomics
Source - last access	University website: <a href="https://www.unibocconi.it">www.unibocconi.it</a> - 03 September 2009
Course Title & University	Ph.D. in Individual Person and Legal Protection - Sant'Anna School of Advanced Studies Faculty of Economics/ Political Science
Objectives	The Postgraduate Course in "Individual Person and Legal Protection" is characterized by an interdisciplinary connotation on the subject of the protection of the individual in modern society in the following fields: - Private Law; - Comparative Private Law; - Public and Constitutional Law; - Criminal Law.



Prerequisites for admission	Possession of a Master of Science (M.Sc.) degree or equivalent title.
Email	Phd Administration Office infophd@sssup.it
Web site	www.sssup.it
Source - last access	University website: www.sssup.it - 03 September 2009
Course Title & University	Ph.D. in Economic Theory and Institutions - University of Rome Tor Vergata
·	Faculty of Economics/ Political Science
Objectives	The "Money and Finance" research area every year organizes an international conference on issues regarding financial institutions, monetary and fiscal policies and the relationships between Finance, Technological Innovation and Growth. The previous editions of the conference dealt with: Integration of Capital Markets, microstructure and performance of financial markets, credit risk, financial and banking crisis, access of the small and medium enterprises to external financing, finance and growth.
Prerequisites for admission	The aim of the program is to bring the students to the frontier of modern economic research and to provide adequate training for a successful career in academia, research centers and international institutions. Particular emphasis will be placed on the foundations of economic theory, quantitative methods and the economic analysis of institutions.
Job	Academia, research centers and international institutions.
opportunities Relevant	International links with European and non-European universities provide exchange programs for students and
Information Email	professors. economia@uniroma2.it
Web site	www.economia.uniroma2.it
Source - last access	University website: www.uniroma2.it - 03 September 2009

#### **Finances**

Course Title & University	Ph.D. in Money, Banking and Finance - University of Rome Tor Vergata Faculty of Finance
Prerequisites for admission	The Program strongly relies on the synergy between theoretical research and empirical analysis in the field of Money and Finance.
Relevant Information	The program networks the Massachusetts Institute of Technology, the Rensselaer Polytechnic Institute of Troy (NY), the University of Pennsylvania and Reading University.
Email	dottoratoEIMMF@economia.uniroma2.it
Web site	http://www.uniroma2.it/dottorato/home.htm or www.economia.uniroma2.it
Source - last access	University website: www.uniroma2.it - 03 September 2009



Course Title & University	Ph.D. in Economics - Bocconi University of Milan Faculty of Economics
Prerequisites for admission	The PhD in Economics is structured with courses and exams completely in English, in line with the most prestigious European and American PhD programs. It is aimed at Italian and international students interested in furthering their knowledge of modern tools of financial analysis, both empirical and theoretical, with the objective of producing analytical work and original research. A Bocconi PhD creates openings in the world of research, both academic and no-academic.
Email	Phd coordinator Prof Gianmarco Ottaviano gianmarco.ottaviano@unibocconi.it or phd.ec@uni-bocconi.it
Web site	www.uni-bocconi.it/phdeconomics
Source - last access	University website: www.unibocconi.it - 03 September 2009

#### **Industrial Mechanics**

Course Title & University	Ph.D. in Environmental and Industrial Fluid Mechanics - SISSA - International School for Advanced Studies of Trieste
Objectives	The main objective is to train students in the field of Fluid Mechanics with special emphasis on basic fluid mechanics, mathematical methods, the physics of large scale flows and application to industrial problems. Since the dissertation program will be carried out using the most up-to-date approaches, the students will be ready to work in high-technology environments, using the theoretical and applicative foundations developed during the PhD program.
Job opportunities	The program is intended to train students for a variety of careers in research, teaching and high-technology
Relevant Information	Partner Universities: University of Nova Gorica, SLO - University of Zagreb, HR - International Center for Theoretical Physics ICTP, Trieste - Ist. Naz. di Oceanografia e Geofisica Sper., OGS, Trieste - Agenzia Regionale per la Prot. Ambiente, ARPA-FVG, - ISMAR-CNR, Venezia
Email	phd@sissa.it
Web site	www.sissa.it
Source - last access	University website: <u>www.sissa.it</u> - 03 September 2009

#### **Mathematics, Statistics and Geometry**

Course Title & University	Ph.D. in Geometry - SISSA - International School for Advanced Studies of Trieste
Prerequisites for admission	Applicants should hold a master level degree (either an Italian "Laurea Specialistica", or an equivalent degree, such as a MSc.)
aumssion	Such as a Misc.)
Email	phd@sissa.it
Web site	www.sissa.it
Source - last access	University website: www.sissa.it - 03 September 2009



Course Title & University	Ph.D. in Mathematical Analysis - SISSA - International School for Advanced Studies of Trieste
Prerequisites for admission	Applicants should hold a master level degree (either an Italian "Laurea Specialistica", or an equivalent degree, such as a MSc.)
Email	phd@sissa.it
Web site	<u>www.sissa.it</u>
Source - last access	University website: www.sissa.it - 03 September 2009
Course Title & University	Ph.D. in Mathematical Physics - SISSA - International School for Advanced Studies of Trieste
Prerequisites for admission	Applicants should hold a master level degree (either an Italian "Laurea Specialistica", or an equivalent degree, such as a M.Sc.)
Email	phd@sissa.it
Web site	www.sissa.it
Source - last access	University website: www.sissa.it - 03 September 2009
Course Title & University	Ph.D. in Applied Mathematics - SISSA - International School for Advanced Studies of Trieste
Prerequisites for admission	Applicants should hold a master level degree (either an Italian "Laurea Specialistica", or an equivalent degree, such as a M.Sc.)
Email	phd@sissa.it
Web site	www.sissa.it
Source - last access	University website: www.sissa.it - 03 September 2009
Course Title & University	Ph.D. in Theory and Numerical Simulation of Condensed Matter - SISSA - International School for Advanced Studies of Trieste
Prerequisites for admission	Applicants should hold a master level degree (either an Italian "Laurea Specialistica", or an equivalent degree, such as a M.Sc.)
Email	phd@sissa.it
Web site	www.sissa.it
Source - last access	University website: www.sissa.it - 03 September 2009
Course Title & University	Ph.D. in Statistical Physics - SISSA - International School for Advanced Studies of Trieste
Objectives	Statistical Physics is a significant, rapidly growing research area at the forefront of contemporary science. In addition to its traditional fields of interest, its attraction lies in its ability to produce an array of sophisticated analytical and conceptual tools with far-reaching applications. These cut across a number of fields, including quantum field theory, condensed matter, atomic physics, cognitive science and finance.
<b>Prerequisites for</b>	Applicants should hold a master level degree (either an Italian "Laurea Specialistica", or an equivalent degree,



admission	such as a M.Sc.)
Email	mussardo@sissa.it
Web site	www.sissa.it
Source - last access	University website: www.sissa.it - 03 September 2009

## Medicine, Biomedical and Biophysics Research

Course Title & University	Ph.D. in Molecular Medicine - SEMM - European School of Molecular Medicine University Federico II of Naples and University of Milan
Objectives	The aim of the course is to train researchers in Molecular Medicine and in Post-Genomics, focusing particularly on Molecular Oncology and Genetic Diseases.
Prerequisites for admission	The Ph.D. course is open to anyone having a degree in the sciences and to MDs who wish to embark upon a career in the field of experimental medicine.
Email	phd@semm.it
Web site	http://www.semm.it/phd_molecularmedicine.php
Source - last access	SEMM website: <u>www.semm.it</u> - 03 September 2009

Course Title & University	Ph.D. in Medical Nanotechnologies (SEMM) - University of Milan
Objectives	It aims to train its students in the use, development and integration of a nanotechnology approach in the medical sciences.
Prerequisites for admission	This course is open to students having a degree in the sciences, especially to chemists, physicists, biologists and biotechnologists.
Email	phd@semm.it
Web site	http://www.semm.it/phd_medicalnanotechnology.php
Source - last access	University website: www.semm.it - 03 September 2009

Course Title & University	Ph.D. in Innovative Strategies in Biomedical Research - Sant'Anna School of Advanced Studies Faculty of Medicine, Biomedical and Biophysics Research
Objectives	The Postgraduate Course in "Innovative Strategies in Biomedical Research" is characterized by a significant multidisciplinary connotation, where the experimental approach focusing on cellular and sub cellular mechanisms combines with the physiological and physic pathological analysis of the organism as a whole, and is also relevant to medical issues. A special emphasis will be placed on molecular biology both in its basic approach and in its clinical application approach.  The Program consists in the following curricula: System Physiology. Experimental and Clinical; Physiological Genomics and Molecular Medicine
Prerequisites for admission	Possession of a Master of Science (MSc.) Degree (or equivalent) or a Degree to be awarded
Email	infophd@sssup.it



Web site	www.sssup.it
Source - last access	University website: <u>www.sssup.it</u> - 03 September 2009
Course Title & University	Ph.D. in Statistical and Molecular Biophysics - University of Trieste Faculty of Medicine, Biomedical and Biophysics Research
Objectives	Applicants should hold a master level degree (either an Italian "Laurea Specialistica", or an equivalent degree, such as an MSc.)
Email	Dottorati@amm.units.it
Web site	www.univ.trieste.it
Source - last access	University website: <u>www.univ.trieste.it</u> - 03 September 2009
Course Title & University	Ph.D. in Malaria and Human Development - UNICAM - University of Camerino Faculty of Medicine, Biomedical and Biophysics Research
Objectives	The capabilities and capacities that the PhD candidates are expected to acquire during the 3 years cycle are: to have demonstrated systematic understanding of a malaria research field and mastery of associated research fields; to have made an original research contribution, that extends the frontier of malaria knowledge; to be capable of critical analysis, evaluation and synthesis of new and complex ideas; to be capable of communicating with their peers, the larger scholar community, and with society in general about their areas of expertise and about malaria and its control; to be capable of promoting advancements in innovative applied malaria research and in the design and implementation of malaria control strategies; to develop a comprehensive vision of malaria control, and, therefore, be able to make autonomous decisions about priorities, based on solid knowledge, within a perspective of general human development
Relevant Information	In collaboration with WHO; at least a 6-month training in an endemic country
Email	segreteria.scienze@unicam.it
Web site	www.unicam.it
Source - last access	University website: <a href="https://www.unicam.it">www.unicam.it</a> - 03 September 2009

#### Neurosciences

Course Title & University	Ph.D. in Neuroscience - Cognitive Neuroscience - SISSA - International School for Advanced Studies of Trieste
Prerequisites for admission	Applicants should hold a master level degree (either an Italian "Laurea Specialistica", or an equivalent degree, such as a M.Sc.)
Email	phd@sissa.it
Web site	www.sissa.it
Source - last access	University website: www.sissa.it - 03 September 2009



Course Title & University	Ph.D. in Neuroscience – Neurobiology - SISSA - International School for Advanced Studies of Trieste
	The neurobiology sector is devoted to research on the nervous system, using a combination of molecular,
Objectives	cellular and integrative approaches. To understand how the brain carries out its functions, one needs to understand the properties of nerve cells and the way in which they encode and transmit information
Prerequisites for admission	Applicants should hold a master level degree (either an Italian "Laurea Specialistica", or an equivalent degree, such as a M.Sc.)
Web site	Phd Coordinator Prof. Enrico Cherubini enrico.cherubini@sissa.it
Source - last access	University website: www.sissa.it - 03 September 2009

#### **Political Sciences, Economics, Humanities**

Course Title & University	<b>European Ph.D. in Social Representation and Communication - University of Rome Sapienza</b> Faculties of Political Sciences, Economics, Humanities
Objectives	The European Ph.D. on Social Representations and Communication is structured in Research Teams on specific thematic areas and sub-topics. This structure strengthens the scientific cooperation between the partners, and helps orient candidates when presenting their research project proposal. The synergies created by working within these teams, composed of academic, public and private sector institutions and businesses provides research trainees with a much wider experience both in terms of methodologies and content. It is also an opportunity to explore employment possibilities outside academia that they otherwise might not have considered.
Prerequisites for admission	Applicants need to have a solid background in Social Sciences (especially in Social Psychology with interests in Communication Studies, Sociology, Anthropology, and History).  They must have demonstrable advanced knowledge of at least two European languages, including English.
Relevant Information	It is a EU consortium of 17 universities in 9 European countries, institutionally linked to 6 other universities in North America, Latin America and China, to the National Research Institute (INRETS) and the Foundation for Social Sciences, <i>Maison des Sciences de l'Homme</i> , in France and 3 small enterprises in Sweden, Ireland and Italy specialized in the field of communication, new media and distant interactive training via web.
Email	Phd coordinator Prof. Annamaria Silvana de Rosa <u>annamaria.derosa@uniroma1.it</u> or <u>europhdlabwebmaster@uniroma1.it</u>
Web site	http://www.europhd.psi.uniroma1.it
Source - last access	University website: www.uniroma1.it - 03 September 2009

#### **Physics**

Faculty Course Title	IRAP-Ph.D International Relativistic Astrophysics - University of Rome Sapienza Department of Physics
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Objectives	The main goal of the I.R.A.PPhD program is to educate an international group of selected and highly motivated students about the main topics in Relativistic Astrophysics, thanks to the collaboration of the Faculty Members belonging to all the Member Institutions. The main topics which will be treated are: 1. General Relativity 2. Quantum Field Theories 3. Selected topics in Astrophysics and Astronomy
Prerequisites for admission	Good level of English.
Relevant Information	Seventh edition. The participating institutions are: ETH Zurich, Freie Universität Berlin, Università di Ferrara, Università di Roma "La Sapienza", Université de Nice Sophia Antipolis, Université de Savoie, which deliver the Ph.D. The Institut des Hautes Etudes Scientifiques and the Observatoire de la Côte d'Azur also participate.
Email	secretariat-irapphd@icra.it
Web site	www.icra.it or www.uniroma1.it
Source - last access	University website: www.uniroma1.it - 03 September 2009

## **Psychology**

Course Title & University	<b>European Ph.D. in Cognitive Neuro-Plasticity and Rehabilitation - University of Rome Sapienza</b> Faculty of Psychology
Objectives	European PhD in Cognitive Plasticity and Rehabilitation intends to study brains skill and plastic capacity both in an adult phase and during its development, with specific reference to knowledge. Special care will be reserved for several clinical trials and applications in the field of brain troubles at a young and advanced age.
Prerequisites for admission	Good level of English.
Relevant Information	In collaboration with: University College of London, University of Oxford, Université de Lyon et Institut des Sciences Cognitives CNRS, Aristotele University of Thessaloniki, Universidade Catòlica de Lisbona, Universitat de Barcelona.
Email	Program coordinator Prof. Salvator Maria Aglioti salvatoremaria.aglioti@uniroma1.it
Web site	www.uniroma1.it
Source - last access	University website: www.uniroma1.it - 03 September 2009

## Technologies, Nanotechnologies and Communication Engineering

Course Title & University	Ph.D. in Innovative Technologies of Information & Communication Engineering and Robotics - Sant'Anna School of Advanced Studies  Faculty of Technologies, Nanotechnologies and Communication Engineering
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Objectives	The Ph.D. in Innovative Technologies of Information & Communication Engineering and Robotics is a three-year residential program with highly interdisciplinary connotation, where students can specialize in one of the following curricula: Embedded Systems, with emphasis on real-time systems and resource management; Telecommunications, especially referring to networks and photonic technologies; Biorobotics, including micro-engineering, biomedical engineering, biomimetic robotics, rehabilitation technologies and computer-



	assisted surgery; Perceptual Robotics, with emphasis on TV robotics, cognitive robotics and virtual
	environments.
Prerequisites for admission	Applicants must hold a Master of Science (M.Sc.) degree or equivalent title; Current undergraduate students who will be awarded such a degree before July 30, 2008 may also apply. In this case, a successful application will be conditional to the subsequent completion of the degree and the transmission to the School of adequate documentation no later than September 15, 2008; Applicants should not be older than 35 years on June 18, 2008; those over 35 may be admitted by exception by the Examination Committee.
Email	infophd@sssup.it or techschool@sssup.it
Web site	www.sssup.it
Source - last access	University website: www.sssup.it - 03 September 2009
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Course Title & University	Ph.D. School in Nanostructures and Nanotechnologies - University of Rome Tor Vergata Faculty of Technologies, Nanotechnologies and Communication Engineering
Objectives	The aim of the School is the formation of scientists or science-related professionals by research training in the synthesis, the characterization or the modeling of nanostructures, organic, inorganic, or biologic in nature.
Relevant Information	Milano Bocconi and Tor Vergata are partner Universities
Email	segreteria@uniroma2.it or Prof. Carla Andreani carla.andreani@roma2.infn.it
Web site	http://www.nano.unimib.it/
Source - last access	University website: www.uniroma2.it - 03 September 2009
Course Title & University	Ph.D. in Information Sciences and Technologies - Free University of Bozen / Bolzano Faculty of Technologies, Nanotechnologies and Communication Engineering
Objectives	To understand complex scientific work on the current state of the art in Computer Science; to contribute to the work of the research group, which is equally characterized by innovative ideas as well as thorough expertise; to develop his or her own approaches to research and to elaborate them as much as possible in order to achieve new results; to work in an international field and to exchange and to disseminate scientific findings.
Prerequisites for admission	The Selection Committee selects PhD students based on a comparative assessment of the qualification of applicants, also taking into account feedback from potential supervisors, especially those who have grants available to support the PhD students, and determines the winners based on the merits of each candidate.
Job opportunities	The goal of the doctorate program is to train scientists with solid expertise as researchers and specialists to work both in the academic field and in the Information Technology sector. Some career possibilities for specialists with a Doctorate in Computer Science are: university researcher/professor; researcher in the IT sector; business consultant, particularly in the IT sector; manager in the IT sector; entrepreneur in the IT sector.
Relevant Information	The PhD Program lasts three years. Research in the Faculty of Computer Science is focused on three areas: Databases and Information Systems (key aspects of applied computer science); Knowledge Representation and Databases (foundational and practical aspects of knowledge representation technologies applied to information systems); Software Engineering (the empirical and quantitative study of innovative models for software development)
Email	computer.science@unibz.it
Web site	<u>www.unibz.it</u>
Source - last	University website: <u>www.unibz.it</u> - 03 September 2009
access	



## **Structural Genomics**

Course Title & University	Ph.D. in Functional and Structural Genomics - SISSA - International School for Advanced Studies of Trieste
Prerequisites for admission	Applicants should hold a master level degree (either an Italian "Laurea Specialistica", or an equivalent degree, such as a M.Sc.)
Email	phd@sissa.it
Web site	www.sissa.it
Source - last access	University website: www.sissa.it - 03 September 2009



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Master in European Business - (Euro Sapienza Research Center) University of Rome Sapienza	46 46 46
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MAFINRISK Quantitative Finance and Risk Management - Bocconi University of	47 47
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Engineering Tunneling and Tunnel Boring Machines - Polytechnic University of Turin	52 52
Health and Non Profit Organizations  MA in International Peace Operations - IUES - International Institute for the European Studies of Trieste	53 53
Master in Human Development and Food Security - Roma Tre University Master in Peacekeeping and Security Studies - Roma Tre University	53 53
<b>History</b> MISP Master International Studies in Philanthropy and Social Entrepreneurship	54 54
International Crime and Justice MPSiE: Politics and Society in Europe - University of Siena	54 54
Law and Economics  Master in European Law and Economics - University of Rome Sapienza	55 55
Literary Cultures  Master's Course in European Literary Cultures – CLE	55
Management Master in Peacekeeping Management - University of Turin Master in Intellectual Property Management - University of Bologna	55 56 56
Marketing and Management Culture  Specialization Course - Marketing and Managerial culture for trade relations between Italy and China  EMMS Executive Master in Marketing and Sales - Bocconi University of Milan EMSHRM- Executive Master in Strategic Human Resources Management - Bocc University of Milan  MEB Master in e-Business Management and Consulting - LUISS University of Rome  MIEX "International Executives", Master in International Management, - University of Bologna	57 57 57 coni 58 58
Medicine  Master in Genetic Medicine - University of Bologna  Master in Pulmonary Vascular Diseases - University of Bologna  Master in Management in Clinical Engineering - Trieste University	59 59 59 60
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## Agriculture

Course Title & University	International Master in Land and Water Conservation - University of Bologna Faculty of Agriculture
Objectives	To train specialized students in Agro meteorology; Soil Physics; Water and Soil Chemistry; Hydrology; GIS and Remote Sensing; Land and Water Management.
Prerequisites for admission	Faculty of previous degrees required: Agricultural sciences and technologies; Engineering; Natural and/or biological sciences; Geological sciences; Other degrees or equivalent foreign qualifications. Selection criteria: on the basis of candidates' CVs.
Job opportunities	Experts in land and water management and control (erosion, environmental monitoring, etc.)
Relevant Information	Participant number: min. 6, max. 15. Length: one-year course. Credits: 70. In accordance with the Master's schedule, students can spend a maximum period of 6 months at Washington State University, Pullman, WA (USA) where they can carry out research, study activities and internship periods within companies of this sector. Stage: all students will have a chance to undertake a 500-hour internship within agencies/institutions or private companies under a convention, either in Italy or in Pullman, WA, (USA).
Email	master@unibo.it
Web site	www.unibo.it
Source - last access	University website: www.unibo.it - 03 September 2009
Course Title & University	MISS Sustainable Development of Agricultural and Rural Areas of Adriatic-Ionian Basin - University of Bologna
Objectives	Faculty of Agriculture  To promote sustainable development and sustainable agriculture through the protection, good planning and management of environmental and economic resources. To achieve this aim the Master Program will cover topics concerning the sustainable development of agricultural, environmental and rural systems through an indepth study of theoretical, normative and operative aspects and methodologies for an active policy related to the planning and management of agricultural and environmental systems of the Adriatic-Ionian Basin
Prerequisites for admission	Two types of candidate: young graduated students, who plan to hold assignments in the future related to the planning and management of agricultural, rural and environmental systems at different levels (at local or national entities, public administration, international agencies, governmental and non-governmental organizations, research centers, and universities); employees of public administration, research institutes, consulting agencies (both private and governmental), who wish to update their knowledge in subjects connected to the planning and management of agricultural, rural and environmental systems. Selection for admission: on the basis of the documentation presented by the candidate and a motivational interview
Job opportunities	16 experts who plan to cover assignments related to the following subjects: planning and management of agricultural, rural, and environmental systems at different levels in local and national authorities, international agencies, non-governmental and governmental bodies, research centers, and universities; valorization of typical and local products, and promotion of cultures and traditions as tools for development; organic farming (promotion of organic products); multifunctional agriculture, with particular attention to rural tourism as a tool for promoting the territory and for creating alternative incomes; endorsement of the entrepreneurship and micro-entrepreneurship in the agricultural and rural areas
Relevant Information	Privileged channel of collaboration and cooperation among students, researchers and professors of the Universities and Research Centers coming from the Adriatic-Ionian Basin. Participant number: min. 15, max. 20. Credits: 68 ECTS. The Master MISS is finalized to analyze and discuss the principal dimensions of sustainable development (ecological, social, economic and international). The Didactic Plan will be articulated in three different, but strongly interconnected areas: International cooperation; Rural development; Sustainable development. The Master MISS is characterized by a blended methodology, a combination of online and face-to-face modules.



Email	master@unibo.it
Web site	www.deiagra.unibo.it
Source - last access	University website: www.unibo.it - 03 September 2009
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Course Title & University	Master in Non-Farm Activities and Rural Development in Developing Countries - SPES Development Studies
Chrycisity	Research Centre at the University of Rome Sapienza
	Faculty of Agriculture
Objectives	It aims to provide a rigorous and critical introduction to rural development as a process of change in societies on the periphery of the global economy. The course deals with rural development from a multidisciplinary perspective and focuses on non-farm activities as the major key to growth and change in rural areas. A specific emphasis is placed on industrial districts and clusters of small and intermediate firms that appear as the major form taken by non-farm activities in rural areas.
Prerequisites for admission	Applicants must hold a Bachelor degree; excellent knowledge of the English language.
Relevant Information	Applicants from all over the world are welcome.
Email	spes@uniroma1.it
Web site	www.uniroma1.it/spes/master.
Source - last access	University website: <u>www.uniroma1.it</u> - 03 September 2009

#### Arts

Course Title & University	Master in Systems Design - Polytechnic University of Turin Faculty of Arts
Objectives	It has the objective of training high level professionals who are able to manage and design the complexity of open systems.
Prerequisites for admission	European and extra-European graduate students with a Master's Degree (a 5 year curriculum) or an equivalent title in Industrial Design, Architecture, Planning, Environmental Engineering, Civil Engineering, Industrial Engineering, Geology or related subjects. Excellent knowledge of the English language (certified).
Relevant Information	Organized by the First Faculty of Architecture of the Politecnico of Turin in collaboration with ZERI (Zero Emissions Research and Initiatives).
Email	master.universitari@polito.it
Web site	http://didattica.polito.it/master/systemsdesign/
Source - last access	University website: www.polito.it - 03 September 2009
Course Title & University	Master in Urban Development and Reconstruction - IUAV University of Venice



	Faculty of Arts
Objectives	The objective of the Course is to address spatial, economic and institutional issues in the city of developing countries as well as transition economies. Focusing on governance and participation, it provides students with the analytical and professional skills required for designing, managing and implementing urban development and reconstruction projects.
Relevant Information	The Master's Program comprises at least 15 weeks of individual fieldwork. It is carried out in co-operation with an institution concerned with urban development and reconstruction projects (Municipalities, Public Institutions, International Agencies, Universities, etc.).
Email	claudia.rossi@iuav.it
Web site	www.iuav.it
Source - last access	University website: www.iuav.it - 03 September 2009
	MA in Human Rights and Conflict Management - Sant'Anna School of Advanced Studies
Course Title & University  Objectives	MA in Human Rights and Conflict Management - Sant'Anna School of Advanced Studies  The Master of Arts in Human Rights and Conflict Management is designed to enable students from different cultures and backgrounds to attain a deep understanding of the linkages between human rights and conflict resolution theory and practice.
University	The Master of Arts in Human Rights and Conflict Management is designed to enable students from different cultures and backgrounds to attain a deep understanding of the linkages between human rights and conflict
University  Objectives  Job	The Master of Arts in Human Rights and Conflict Management is designed to enable students from different cultures and backgrounds to attain a deep understanding of the linkages between human rights and conflict resolution theory and practice.  Work with NGOs, governments, aid agencies, the UN and other organizations where a deep understanding of
University  Objectives  Job opportunities  Relevant Information	The Master of Arts in Human Rights and Conflict Management is designed to enable students from different cultures and backgrounds to attain a deep understanding of the linkages between human rights and conflict resolution theory and practice.  Work with NGOs, governments, aid agencies, the UN and other organizations where a deep understanding of these issues is critical.  The Master is organized in collaboration with the International Research Laboratory on Conflict, Development & Global Politics of the Scuola Sant'Anna and the International Training Programs for Conflict Management (ITPCM), a post-graduate program of the Scuola within the Masters and Training Programs
University  Objectives  Job opportunities  Relevant	The Master of Arts in Human Rights and Conflict Management is designed to enable students from different cultures and backgrounds to attain a deep understanding of the linkages between human rights and conflict resolution theory and practice.  Work with NGOs, governments, aid agencies, the UN and other organizations where a deep understanding of these issues is critical.  The Master is organized in collaboration with the International Research Laboratory on Conflict, Development & Global Politics of the Scuola Sant'Anna and the International Training Programs for Conflict Management (ITPCM), a post-graduate program of the Scuola within the Masters and Training Programs Division.

## **Biotechnologies**

Course Title & University	Interuniversity Master in Nanotechnologies - University "Cà Foscari" of Venice International Campus for Nanotechnologies
Objectives	Its goal is to provide international students - graduated in chemistry, physics, materials science or engineering - with scientific and managerial skills, in order to pursue a career in the nanotechnology sector and to establish a network between nanotech professionals and hi-tech companies.
Job opportunities	It aims to create managers with a strong scientific background in order to support enterprises in the conquest of new markets and in the creation of new Hi-tech products.
Relevant Information	It will be awarded by the University of Venice, University of Padua and University of Verona
Web site	www.civen.org/IMN
Source - last access	University website: www.civen.org/IMN - 03 September 2009



#### **Business**

Course Title & University	Master in European Business - (Euro Sapienza Research Center) University of Rome Sapienza Faculty of Business
Objectives	This EU-focused Master program offers academic and interactive hands-on training in all aspects of European policy and integration relevant to business. The Master program develops managerial skills in an international and intercultural context by building bridges between the academic world, EU institutions and enterprises of all sorts. As a matter of fact, this Master program foresees the presentation in class of guest speakers' experience, numerous field trips and study visits to EU institutions and enterprises.
Prerequisites for admission	Applicants must hold a 4-year degree. Excellent knowledge of the English language.
Job opportunities	European institutions and companies.
Relevant Information	Jointly organized by the Euro Sapienza Research Centre at the Faculty of Economics of the University of Rome La Sapienza, and the European University College Brussels (EHSAL, Belgium). The Master Degree has full legal value in Italy and in the Flemish Community in Belgium. Part of the course will be held in Belgium and Luxembourg.
Email	europa@uniroma1.it
Web site	http://www.eurosapienza.it/frame_meb.htm
Source - last access	University website: www.uniroma1.it - 03 September 2009
Course Title & University	European Master in Law and Economics - University of Bologna Faculty of Law and Economics
Objectives	To provide students with specialized skills focusing on: Foundations of Law and Economics I: Microeconomics; Foundations of Law and Economics II: Comparative Law and Economics; Economic Analysis of Tort Law; Competition Law and Economics; Public Law and Economics; Economic Analysis of Property Law; Economic Analysis of Contract Law; Securities Law and Economics; Corporate Governance; Advanced Corporate Law and Economics; Labor Law and Economics
Prerequisites for	Students possessing a good grasp of law and economics combined with a very good command of the English language. The courses taught in the Master deal with the main issues of economic analysis of law using a cross-disciplinary approach in which regulations and institutions are analyzed with the traditional tools of
admission	economic theories. Faculty of previous degrees required: degree in Economics, Law and Political Sciences. Selection criteria: based on an assessment of qualifications; there is no admission test.
admission  Job	economic theories. Faculty of previous degrees required: degree in Economics, Law and Political Sciences.
admission	economic theories. Faculty of previous degrees required: degree in Economics, Law and Political Sciences. Selection criteria: based on an assessment of qualifications; there is no admission test.
Job opportunities Relevant	economic theories. Faculty of previous degrees required: degree in Economics, Law and Political Sciences. Selection criteria: based on an assessment of qualifications; there is no admission test.  Experts in economic analysis of law
Job opportunities Relevant Information	economic theories. Faculty of previous degrees required: degree in Economics, Law and Political Sciences. Selection criteria: based on an assessment of qualifications; there is no admission test.  Experts in economic analysis of law  Length: one-year course

## **Communication Networks Engineering**

<b>Course Title</b>	&
University	

**International Master in Communication Networks Engineering - Sant'Anna School of Advanced Studies** 



	Faculty of Communication Networks Engineering
Objectives	The Master program is focused on the provisioning of competence across Telecommunications Engineering and Computer Science, taking into account techno-economic aspects and services supported by the networks.
Prerequisites for admission	The Master, starting on November 5th, 2008, is organized in collaboration with the University of Tunis and the italo-indian Chambers of Commerce, and it is patronized by the Ministry of Research and Foreign Affairs, together with sponsor companies.
Email	Secretary's Office Scuola Superiore Sant'Anna Dr. Claudio Manfroni imcne@sssup.it
Web site	http://imcne.sssup.it/
Source - last access	University website: www.sssup.it - 03 September 2009

## **Economics and Finance**

Course Title & University	MAFINRISK Quantitative Finance and Risk Management - Bocconi University of Milan Faculty of Economics and Finance
Objectives	MAFINRISK is designed for both economic and non-economic graduates who wish to develop specific technical abilities in the field of quantitative finance and risk management, covering an exhaustive spectrum of technical financial applications
Email	mafinrisk@unibocconi.it
Web site	www.unibocconi.it/manfrisk
Source - last access	University website: <u>www.unibocconi.it</u> - 03 September 2009
Course Title & University	MCF Corporate Finance - Bocconi University of Milan Faculty of Economics and Finance
Objectives	For those who seek innovative and successful Financial Management styles and skills, the MCF merges the most prominent international expertise with the flexibility needed to successfully work in today's dynamic financial markets' environment
Email	mcf@sdabocconi.it
Web site	www.sdabocconi.it/mcf
Source - last access	University website: <u>www.unibocconi.it</u> - 03 September 2009

Course Title & University	MSc in Economics - LUISS University of Rome Faculty of Economics and Finance
Objectives	It provides rigorous training in economics with particular focus on financial economics and finance. Students will acquire a deep understanding of the field and be prepared for successful professional or academic careers.



Prerequisites for admission	Applicants will hold an undergraduate/bachelor's degree with an excellent academic record, have a strong quantitative and economics background, and hold a degree in Economics or related disciplines like Business, Engineering, Law, Mathematics, Physics, Politics or Statistics. English Proficiency.
Job opportunities	Prepared for high-skilled jobs in consulting firms, investment banks, central banks, government agencies, multinational companies and international organizations.
Email	segreteria@luiss.it
Web site	www.luiss.it
Source - last access	University website: www.luiss.it - 03 September 2009
Course Title & University	Master on Financing Enterprises in Europe - University of Rome Sapienza Faculty of Economics and Finance
Objectives	It deals with European policies for enterprises, opportunities of financing and investments, and with the functioning of the EU single market and provides graduate professionals with specific qualification to understand and manage the complex relations between European policies and the realities of European enterprises.
Prerequisites for admission	Applicants must hold a Bachelor degree; excellent knowledge of the English language.
Job opportunities	International organizations and enterprises; companies, NGOs and non-profit organizations.
Email	international@uniroma1.it or europa@uniroma1.it
Web site	www.eurosapienza.it
Source - last access	University website: www.uniroma1.it - 03 September 2009
Course Title & University	Master in Economics - University of Rome Tor Vergata Faculty of Economics and Finance
Objectives	MEI prepares students for careers as economists in academia, business and government. The program combines rigorous work in economic theory and careful study of real-world problems and institutions. It trains students in theoretical and applied economics at the highest level, through course work, participation in seminars, and supervised research.
Prerequisites for admission	Applicants are graduates in Economics or related disciplines. Excellent knowledge of the English Language
Email	mastermei@economia.uniroma2.it
Web site	www.ceistorvergata.it/mei
Source - last access	University website: <a href="www.uniroma2.it">www.uniroma2.it</a> - 03 September 2009
Course Title & University	Master in European Economy, Finance and Institutions - University of Rome Tor Vergata Faculty of Economics and Finance



Objectives	MEEFI program provides strong foundations on the governing principles and actual management of European institutions and private sector financial firms, essential analytical tools for research and practical application purposes, new perspectives on international and institutional issues with a special focus on Europe and
Prerequisites for admission	finance.  Applicants are graduates in Economics or related disciplines. Excellent knowledge of the English Language
Job opportunities	Master MEEFI is designed for skilled students and young professionals wishing to advance their careers in private and public domestic institutions, international financial firms and European institutions.
Email	mastermeefi@economia.uniroma2.it
Web site	www.economia.uniroma2.it/master/meefi
Source - last access	University website: www.uniroma2.it - 03 September 2009
Course Title & University	Master in International Economics - University of Rome Tor Vergata Faculty of Economics and Finance
Objectives	The Master in International Economics is a one-year program designed for students who wish to pursue analytical graduate training for careers in academia, business, banking, governments and consulting firms.
Prerequisites for admission	Applicants are graduates in Economics or related disciplines. Excellent knowledge of the English Language
Job opportunities	Careers in business, national and international banking, governments and consulting firms.
Email	Graduate Program Administrator michela.carnevali@uniroma2.it
Web site	www.economia.uniroma2.it/mie
Source - last access	University website: www.uniroma2.it - 03 September 2009
Course Title & University	<b>Master in Development Economics and International Co-operation - University of Rome Tor Vergata</b> Faculty of Economics and Finance
Objectives	It aims at training specialists in developing economics and in international cooperation who will be able to operate in both the public and private sector. The intent is to provide students with the necessary skills to prepare, analyze and direct co-operation programs and projects for the promotion of growth in developing countries. Furthermore, students of MESCI will also be prepared to support the internationalization activities of businesses to be set up in developing countries.
Prerequisites for admission	All Italian and international applicants holding a degree, excellent knowledge of the English language
Email	cooperazione@ceis.uniroma2.it
Web site	www.ceistorvergata.it/master/mesci
Source - last access	University website: <a href="https://www.uniroma2.it">www.uniroma2.it</a> - 03 September 2009
Course Title & University	Master in Economics of Environmental Governance and Territory - University of Rome Tor Vergata Faculty of Economics and Finance



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Objectives	MEGAT aims to provide the knowledge needed to confront sustainability problems both from a public and from a private sector perspective. The presentation of theoretical concepts will be coupled with the investigation of relevant and currently debated issues.
Target group and prerequisites for admission	II level Degree in Economics, Law, Statistics, Political Science, Engineering, Architecture, Mathematics, Physics, Natural Sciences, Arts and Literature; excellent knowledge of the English Language.
Job opportunities	All students will possess the professional skills needed to become part of the decision-making process involving natural resource and environmental management.
Email	Dott.ssa Maria Rosaria Ponzo megat@economia.uniroma2.it
Web site	http://www.economia.uniroma2.it/master/megat/
Source - last access	University website: www.uniroma2.it - 03 September 2009
Course Title & University	Master in Innovation and Management of Public Administration - University of Rome Tor Vergata Faculty of Economics and Finance
Objectives	MIMAP aims to provide training in public administration and management to students with degrees in economics, law, engineering, statistics, political science, and sociology, and to public managers and civil servants with managerial responsibilities in their organizations.
Prerequisites for admission	II cycle Degree; excellent knowledge of the English Language.
Job opportunities	In partnership with several academic research and training centers in Italy (III University of Rome, EURAC, LIUC) and abroad (University of Lugano).
Email	Graduate Programme Secretary Ms. Sara Cimmino mimap@economia.uniroma2.it
Web site	www.fad.economia.uniroma2.it
Source - last access	University website: www.uniroma2.it - 03 September 2009
Course Title & University	Master in Economics of Culture: Policy, Government and Management - University of Rome Tor Vergata Faculty of Economics and Finance
Objectives	The program aims to train professionals in the economics of culture and related sectors, to improve the professional profile of those who already work in cultural heritage and related sectors through the development of new management, relational and planning capacities, to provide the participants with fundamental concepts for organization and management of goods and cultural services, to provide the participants with working knowledge of the specific operational methods suited to the specific economic and legal reality in which cultural objects and relations are placed, and to provide models and work methodologies that take full advantage of the new communication and information technologies.
Job opportunities	Graduates who are interested in specializing in the management of goods and services, culture and heritage of the Church, local environmental goods and the development of cultural projects.
Relevant Information	Managed by the Centre for Economic and International Studies (CEIS) in cooperation with the Consortium  BAICR System Cultural
Email	beniculturali@economia.uniroma2.it
Web site	http://www.ceistorvergata.it/culturalheritage/



Source - last access	University website: <a href="www.uniroma2.it">www.uniroma2.it</a> - 03 September 2009
Course Title & University	Joint European Master in Comparative Local Development - University of Trento Faculty of Economics and Finance
Objectives	The Master aims to provide codified knowledge that is helpful in supporting the tacit knowledge regarding local development; to draft, support and coordinate processes of transition and transformation at a local level; to promote social stability and local economic prosperity according to European law standards (European Union – UE).
Prerequisites for admission	Candidates must have at least a four-year degree in economics, law, political sciences, sociology or an equivalent qualification. Priority will be given to candidates working in public bodies, private and non-governmental bodies, connected to local development.
Relevant Information	It is part of the Erasmus-Mundus Programme
Email	master-code@unitn.it
Web site	http://www.mastercode.unitn.it/
Source - last access	University website: www.unitn.it - 03 September 2009
Course Title & University	International Master in Economics and Finance - University "Cà Foscari" of Venice Faculty of Economics and Finance
Objectives	The aim of the Master is to train students to acquire a deeper and more sophisticated knowledge of the economic analysis of markets and financial institutions. The primary function of the Master is to facilitate the entry of students into the domestic and international labor market by providing them with the most recent investigation tools, at both the theoretical and applied level, thus preparing specialists in the fields of the analysis of financial markets, risk management, banking and corporate finance.
Prerequisites for admission	The Master is intended for Italian and non-Italian graduate students (holding a specialist or four-year Italian university degree, or an equivalent university qualification in the case of non-Italian applicants)
Job opportunities	Capital markets, trading and risk management; Investment management, security analysis, and brokering; The finance function, controller's department or treasury operations of industrial, commercial, and service organizations; Investment banking; Retail and commercial banking; Corporate finance, venture capital, and corporate restructuring; Corporate planning and consultancy, where a detailed knowledge of finance is required; firms, regulatory bodies, legal firms, property consultants, commodity businesses, and investor relations specialists requiring an in-depth understanding of finance; public sector and non-profit organizations.
Email	imef@unive.it
Web site	http://venus.unive.it/imef/
Source - last access	University website: www.unive.it - 03 September 2009
Course Title & University	Master in Microfinance - University of Bergamo Faculty of Economics and Finance



Objectives	Training of financial intermediation specialists capable of managing projects that can strengthen the financial intermediation process in favor of population segments unreached by the banking system and that can promote production as a means to combat poverty through the financial market
Prerequisites for admission	People seeking employment in financial intermediaries, NGOs, local agencies and institutions active in the field of international cooperation and aid
Job opportunities	The world of microfinance intermediation in its various institutional forms, namely: 1) managers in the world of NGOs, local agencies and development projects; 2) microfinance managers in banks, institutions, NGOs; 3) graduates seeking a specialization in the field of international cooperation
Relevant Information	In Progress. This initiative is planned in collaboration with CIPSI (Coordination of Popular Initiatives of International Solidarity) and with co-funding from the Ministry Of Foreign Affairs (MFA)
Email	microfinance@unibg.it
Web site	www.unibg.it/masterbg
Source - last access	University website: www.unibg.it - 03 September 2009
Course Title & University	Master in Development and International Cooperation - University of Bologna Faculty of Economics and Finance
University	Faculty of Economics and Finance  To provide students with specialized skills focusing on macroeconomics, international economic relations, development economics, economic evaluation, country analysis with socio-economic data, SME development in developing and transition economies, human rights and post-conflict development, health planning in
University  Objectives  Prerequisites for	Faculty of Economics and Finance  To provide students with specialized skills focusing on macroeconomics, international economic relations, development economics, economic evaluation, country analysis with socio-economic data, SME development in developing and transition economies, human rights and post-conflict development, health planning in developing countries, economics of transition
Objectives  Prerequisites for admission Job	Faculty of Economics and Finance  To provide students with specialized skills focusing on macroeconomics, international economic relations, development economics, economic evaluation, country analysis with socio-economic data, SME development in developing and transition economies, human rights and post-conflict development, health planning in developing countries, economics of transition  Selection criteria: qualifications and exams  Three different professional profiles will be prepared: development project specialists; development financial
Objectives  Prerequisites for admission  Job opportunities	Faculty of Economics and Finance  To provide students with specialized skills focusing on macroeconomics, international economic relations, development economics, economic evaluation, country analysis with socio-economic data, SME development in developing and transition economies, human rights and post-conflict development, health planning in developing countries, economics of transition  Selection criteria: qualifications and exams  Three different professional profiles will be prepared: development project specialists; development financial specialists; development researchers

## **Engineering**

Course Title & University	Tunneling and Tunnel Boring Machines - Polytechnic University of Turin First School of Engineering
Objectives	The need of experts involved in D&B and in TBM tunneling as well as tunnel work site management is rapidly increasing throughout the world. The necessary qualifications to cover these roles cannot be supplied by the first and second level University Courses, but a specially drawn up course is needed. The Politecnico di Torino has developed and organized this Post-Graduate Master Course, endorsed by ITA/AITES (International Tunneling Association).
Prerequisites for admission	Graduate MSc in Engineering and Geology, Company and Public Administration Employees involved in tunneling design and management of job sites.
	The students who followed the Post-graduate Master Course are of interest for the design firms, the construction companies involved in tunneling and for the tunneling tools suppliers as well as the producers of



Job opportunities	tunnel boring machines. The Public Administration and the tunnel owners can also find interest in the skills gained during the course.
Email	formazione@corep.it
Web site	http://www.tunnel.formazione.corep.it/tunnel09/
Source - last access	University website: www.polito.it - 03 September 2009

	Health and Non Profit Organizations
Course Title & University	MA in International Peace Operations - IUES - International Institute for the European Studies of Trieste
Objectives	The MA aims to create new kinds of international operators able to work in the difficult global context.  Through theoretical and practical approaches, students gain knowledge of both of the instruments used to approach contextual problems and of the analytical expertise required to investigate policies and strategies to be used in management and current situations.
Prerequisites for admission	Applicants must be in possession of a first-level degree or an equivalent qualification obtained in a foreign university.
Email	<u>iuies@isig.it</u>
Web site	www.interuniv.isig.it
Source - last access	University website: www.interuniv.isig.it - 03 September 2009
Course Title & University	Master in Human Development and Food Security - Roma Tre University Faculty of Economics
Objectives	The master's in Human Development and Food Security I Level aims to meet the need in the world of cooperation in development and humanitarian aid for professional analysts with technical expertise who can be used within the wide and interdisciplinary concept of human development.
Prerequisites for admission	All Italian and international applicants holding a degree, excellent knowledge of the English language
Job opportunities	Participants can be employed by national and international non-governmental organizations (NGOs), public administration, local authorities, companies involved in activities in countries of low human development, international organizations, (United Nations Agencies, the European Union, OECD, etc.) and publishing.
Email	Course coordinator Prof . Pasquale De Muro demuro@uniroma3.it or Master Manager Lucia Lombardo humandev@uniroma3.it
Web site	http://host.uniroma3.it/master/humandevelopment/Index.htm
Source - last access	University website: www.uniroma3.it - 03 September 2009
Course Title & University	Master in Peacekeeping and Security Studies - Roma Tre University Faculty of Political Sciences
Objectives	The Master offers a comprehensive, interdisciplinary preparation to those seeking experience in the diverse professional opportunities within the fields of Peace and Security. This is done through a global perspective on peace; including humanitarian assistance, the restoration and sustainment of the domestic rule of law, the construction and reconstruction of institutions and the development of dialogue and solidarity.
<b>Prerequisites for</b>	All Italian and international applicants holding a degree, excellent knowledge of the English language



admission	
Job opportunities	The Master qualifies professionals for work in regional and international organizations (such as the UN and associated agencies, the EU, NATO, AU, OAS, OSCE, etc.), military forces, public order forces, non-governmental organizations, public administration, news press and public information agencies and organizations.
Email	peacekeeping@uniroma3.it
Web site	http://host.uniroma3.it/master/peacekeeping/db/en/
Source - last access	University website: www.uniroma3.it - 03 September 2009

### History

Course Title & University	MISP Master International Studies in Philanthropy and Social Entrepreneurship - University of Bologna Faculty of History
Objectives	To offer to European and incoming students from Third Country parties, included the United States, a highly international formative program that addresses aspects based on a generalist approach and aims for students to acquire specific competencies in professionalism in order to integrate theoretical connections and operations, as well as competencies in international territorial dynamics; to build students' comparative and evaluative skills, as well as a sense of reflectivity and critical knowledge.
	Graduates of all the faculties of an Italian or foreign Athenaeum. Bachelor diplomas must be received within
	the due date of the application. The application will be available on the <a href="www.misp.it">www.misp.it</a>
Prerequisites for	site, section Presentation - Application. Admission to the Master program: evaluation of application. The
admission	minimal score necessary to achieve is fixed at 50/100.
Job opportunities	Program officer and project manager operate on a local, national and international level in the framework of Foundations, enterprises, and the ONG. The MISP represents, in Europe, the first Master of a multidisciplinary character dealing with organizations and non-profits of philanthropic character and social responsibility; work in a field of formation and research - strategically focused on supporting a formative activity that is not representative of the post-university instruction system of Italy and Europe, but that is, comparatively, very structured in the American university system, where the formation programs are carried out in strong relation to the Foundations, the enterprises and the ONG.
Relevant Information	Full-time and closed number of 70 ECTS that comprises didactic lessons, alternative exercises, 4 months of internship and a final test. Number participants: min. 10, max. 25. For its quarter edition, it is proposed to upgrade the practical search and inherent intercultural and disciplinary dynamics, increasing the international composition of the students and the teachers, or the partnership with universities, research centers, foundations, enterprises and the ONG on a total scale. For students who will approach the Master within first-place rankings, there will be the possibility to attend, depending on the semester, a university in the United States, Paris, the United Kingdom or South Africa; in all these cases, the students will obtain a double diploma.
Email	master@unibo.it
Web site	www.unibo.it or www.misp.it
Source - last access	University website: www.unibo.it - 03 September 2009

#### **International Crime and Justice**

# Course Title & University

 $\label{eq:MPSiE:Politics} \textbf{MPSiE: Politics and Society in Europe - University of Siena}$ 

Centre for the Study of Political Change



Objectives	The aim of the program is to offer post-graduate training providing specific knowledge of the political processes at the European level, increasingly crucial in a situation where national arenas are more and more influenced by supra-national developments and the latter ones have to deal with national and sub-national demands.
Prerequisites for admission	Public Sector, Academic-research area, Private Sector and NGOs.
	For Italian students, a Laurea Magistrale in Political Sciences, Law, Economics, Statistics, Sociology, or
Job	Communication Sciences is required.
opportunities	For foreign students, an equivalent degree in the corresponding subjects.
Relevant Information	Partnership with University of Kent
Email	<u>circap@unisi.it</u>
Web site	www.gips.unisi.it/gradschool
Source - last access	University website: www.unisi.it -03 September 2009

#### **Law and Economics**

Course Title & University	Master in European Law and Economics - University of Rome Sapienza Faculties of Law and Economics
Objectives	It provides the students with the preparation necessary to deal with various EU policies, the functioning of the EU single market, and to understand and manage the complex relations between European policies and the realities of European societies.
Prerequisites for admission	Applicants must hold a Bachelor degree; excellent knowledge of the English language.
Job opportunities	National and international organizations, companies, NGOs and non-profit organizations. In particular, the Master is finalized for the formation of several professionals such as officers of European and International Organizations, entrepreneurs and managers, experts in international cooperation.
Email	europa@uniroma1.it
Web site	www.eurosapienza.it
Source - last access	University website: www.uniroma1.it - 03 September 2009

## **Literary Cultures**

Course Title & University	Master's Course in European Literary Cultures - CLE	
Objectives	The main objective of the Master Course is to train a cultural operator / a researcher / a teacher to have a good range of methodologies and a high cultural appreciation of the different contexts of European culture which enable a comparison with other cultures. The main characteristic of this profile is the combination of the historical-linguistic skills, also at an advanced level, and a high knowledge of other disciplines. These profiles are characterized by the continual application of the linguistic and cultural skills within an analytical and critical perspective. European and international graduates shall be employed in the institutions or foundations aimed to the cultural promotion, both in Europe and Third countries: for example, museums, cultural council offices, embassy offices, Culture Institutes abroad.	
Prerequisites for admission	At least three languages and the different methodologies in at least three cultural fields as for example: History of Literature, Texts Analysis, History, History of Art, History of Ideas. In addition Students applying for the Master Course CLE must have a good level first-cycle degree in a discipline of relevance to CLE, a recognised	



	level of proficiency in English and in the language of instruction of the consortium institution chosen for the first Master year course. A <u>B1 minimum level</u> is required. Moreover, applicants mast be able to provide evidence of motivation to apply for the Erasmus Mundus Master CLE.
Relevant Information	The duration of the full-time program is 24 months. Students will spend terms in two or three different consortium universities. The language of instruction varies according to the institutions chosen by the students. At the end of the Master Course, the consortium universities provide a double or multiple degrees. Locations include: Bologna, Mulhouse, Strasbourg, and Thessaloniki.
Email	CLE Secretary, Università di Bologna: <a href="mailto:lmanser@lingue.unibo.it">lmanser@lingue.unibo.it</a> Coordinator: Prof. Anna Soncini, Università di Bologna: <a href="mailto:soncini@lingue.unibo.it">soncini@lingue.unibo.it</a>
Web site	http://www.cle.unibo.it/sitoMundus/index_en.htm
Source - last access	University website: http://www.cle.unibo.it – January 14, 2009

#### Management

Management	
Course Title & University	Master in Peacekeeping Management - University of Turin Faculty of Political Sciences
Objectives	The Master pursues its mission of preparing peace professionals through an interdependence of the academic aspect, cultural awareness and synergies developed with other prestigious bodies and partners such as the OSCE, the U.N., UNESCO, the U.N. Staff College, the Red Cross and the Italian Armed Forces.
Prerequisites for admission	All Italian and international applicants holding a degree, excellent knowledge of the English language
Job opportunities	UN and international agencies (UNHCR, UNDP, WFP, UNICEF), OSCE, NATO, EU, Forces of law and other forces, NGOs, etc
Relevant Information	In partnership with Regione Piemonte, Comune di Torino, Croce Rossa Italiana, Forze Armate, Nazioni Unite, UNS, Staff College, UNICRI, UNESCO, ONG, Centro Piemontese di Studi Africani.
Email	master@peacekeeping.it
Web site	www.peacekeeping.it
Source - last access	University website: www.unito.it - 03 September 2009
Course Title & University	Master in Intellectual Property Management - University of Bologna Interfaculty
Objectives	To train highly specialized individuals capable of understanding and overseeing the main issues - from a technological, legal, economic and social point of view - related to the commercial creation and usage of innovative technology; to contribute to knowledge-based economic and technological development by supporting participants' organizations.



Prerequisites for admission	Recent graduates and young workers wishing to acquire the skills needed to systematically approach any issue related to intellectual property protection and management. Faculty of previous degrees required: mathematical, physical and natural sciences; agriculture; industrial chemistry; economy; pharmacy; law; engineering; medicine; veterinary; political sciences. Selection criteria: evaluation of qualifications and motivational interview
Job opportunities	Specialists who can work professionally in the field of technology, facilitating the exchange and dissemination of ideas, methods and innovation between companies, research centers and universities. New professionals who can master the technological, legal and managerial aspects of intellectual property for its usage and protection while maintaining profitable results for companies and organizations
Relevant Information	Participant number: min. 10, max. 40. Length: one-year course. Credits: 60. Part-time-based organization. At least 80% of the lectures must be attended. Three main areas of knowledge: Legal area; Business and management area; Technical-scientific area. Strong focus placed on internationalization of innovation-generating processes; emphasis will be placed on national and international provisions governing intellectual property
Email	master@unibo.it
Web site	www.eng.unibo.it
Source - last access	University website: www.unibo.it - 03 September 2009

## **Marketing and Management Culture**

Course Title & University	Specialization Course - Marketing and Managerial culture for trade relations between Italy and China - University of Bergamo
Objectives	To develop advanced professional marketing skills by combining technological knowledge and managerial competences with a focus on the marketing sector; to contribute significantly to businesses, especially SMEs, seeking to acquire or strengthen a competitive edge.
Prerequisites for admission	Those interested in developing the Chinese market, whether as a supply source (of part-processed raw materials and finished goods) or as an outlet for core business activities
Job opportunities	Marketing and trade, as it aims to develop professional skills suitable for businesses in need of highly-qualified staff to meet international market challenges (the course offers young Chinese graduates in Economics or Engineering the opportunity to acquire a strong experience in these fields)
Relevant Information	First edition held in the 2005/2006 academic year. The course is open to 15 Chinese graduates and 10 Italian graduates; for Chinese students, the internship will take place in Italy, where they will work in areas that are directly relevant to their operations
Email	segreteria.economia@unibg.it or itacina@unibg.it
Web site	www.unibg.it
Source - last access	University website: www.unibg.it - 03 September 2009
Course Title & University	EMMS Executive Master in Marketing and Sales - Bocconi University of Milan SDA Bocconi School of Management
Objectives	EMMS will enable you to: round up your skills and develop the strategic mind-frame which would make you successful in a management position; develop your career path while continuing to work; learn marketing and sales knowledge in an international context; share the experience of other professionals involved in marketing and sales in different companies, industries, and countries and help to find new networking opportunities in an international market; gain awareness of your skills and competences through a specifically designed program
Prerequisites for admission	Admissions Requirements: about 5 years of work experience, University or bachelor degree, TOEFL or equivalent English proficiency test



Relevant Information	EMMS diploma is a joint degree issued by two very prestigious business schools: SDA Bocconi and ESADE
Email	SDA Bocconi School of Management emms@sdabocconi.it or ESADE Business School emms@esade.edu
Web site	www.sdabocconi.it
Source - last access	University website: <a href="https://www.sdabocconi.it">www.sdabocconi.it</a> - 03 September 2009
Course Title & University	EMSHRM- Executive Master in Strategic Human Resources Management - Bocconi University of Milan SDA Bocconi School of Management
Objectives	The mission of the Program is to support high-potential HR managers and professionals in developing the necessary competences to strengthen the strategic and leadership role of HR. The Master emphasizes the close relationship between HR management and strategy within an international setting which draws upon cutting-edge research and practice to develop methodologies and tools
Prerequisites for admission	Admissions Requirements: Relevant work experience in Human Resource Management or related functions, a degree in any discipline, fluency in English (self-assessed)
Email	Mrs. Maria Grazia Angione emshrm@sdabocconi.it
Web site	www.sdabocconi.it
Source - last access	University website: <a href="https://www.sdabocconi.it">www.sdabocconi.it</a> - 03 September 2009
Course Title & University	MEB Master in e-Business Management and Consulting - LUISS University of Rome Faculty of Economics
Objectives	The Master is specifically adapted to the market's demands, and complies with today's growing need to match the students' education with the market's job ads. Enterprise Solutions (ERP) has become an essential element to guarantee the success of major transformation programs.
Prerequisites for admission	Applicants must hold a Bachelor of Science in social sciences (Economics, Business, Finance, Communication, Political Science, etc.) or in Engineering.
Job opportunities	Management consultants; ERP Integration consultants; ERP Project managers specialized in IT management issues; ERP Project managers specialized in Business management issues.
Relevant Information	In collaboration with French University Paris Dauphine, International University.
Email	merp@luiss.it
Web site	www.luiss.it
Source - last access	University website: <u>www.luiss.it</u> - 03 September 2009
Course Title & University	MIEX "International Executives", Master in International Management, - University of Bologna Schools of Economics and Management of Bologna and Forlì
Objectives	To teach the basic aspects regarding business administration, managing at an international level, and the methodology of research and consultancy.
Prerequisites for admission	Faculty of previous degrees required: Agriculture, Biotechnologies, Industrial Chemistry, Information Technology, Economics and Management, Engineering, Foreign Languages, Law, Literature and Philosophy, Physics, Mathematics, Political Sciences, Psychology, Sociology, Statistics. Selection criteria: admission to



	the Program is conditional on successful and positive evaluation of the submitted qualifications; minimum score for admission is 60/100
Job opportunities	Executives working in international departments and export units of globally operating Enterprises.
Relevant Information	International Master. Participant number: min. 16, max. 60. Length: one-year course. Credits: 1 Year MIEX Fast Track: 70 ECTS; 2 Year MIEX Master Level Track: 130 ECTS. The core teaching modules are held in France (ICN Business School - Nancy) and in Italy (Forli and Bologna) and students may choose to focus on a Market Area Specialization Path in China (ECUST - Shanghai), Mexico (Universidad Lasalle - Mexico City), Russia (MGIMO - Moscow) and Europe (Uppsala University - Uppsala, Sweden) attending lectures at Partner Institutions for an entire term during the second year of the program. Compulsory attendance of minimum 80% of each course
Email	orientamento@unibo.it
Web site	http://www.miex.unibo.it
Source - last	University website: <u>www.unibo.it</u> - 03 September 2009
access	

#### Medicine

Course Title &	
University	Master in Genetic Medicine - University of Bologna
·	School of Medicine
Objectives	To provide students with specialized skills focusing on: Cytogenetic; Peer-review system; Bioinformatics & Systems Biology; Molecular anthropology & human population genetics; Forensic medicine; Medical Genetics; Clinical Dysmorphology; Statistical Genetics
Prerequisites for admission	Degree for access: Medicine and Surgery. Criteria of selection: evaluation of curriculum and application
Job opportunities	Doctors, biology and biotechnology experts in genomic search of complex diseases utilizing new biotechnological platforms and bioinformatics analysis; Doctors, biologist and biotechnology experts in molecular cytogenetic analysis using one of the methods of the Array-CGH; Expert doctors in genetic advising pre-birth and post-birth.
Relevant Information	Number participants: min: 5 max: 30. Formative credits: 67 CFU. Obligatory frequency. Center of the lessons University center Euro Mediterranean (CUEM) of Ings (Bologna); CEUB of Bertinoro. Stage: 16 CFU, duration: 10 weeks
Email	master@unibo.it
Web site	www.eng.unibo.it
Source - last access	University website: www.unibo.it - 03 September 2009

Course Title & University	Master in Pulmonary Vascular Diseases - University of Bologna School of Medicine
Objectives	To train individuals specialized in: Pathology and Physiopathology, total diagnostic Strategy, hemodynamic evaluation, Radiology and Imaging, medical Therapy of pulmonary hypertension, surgical Therapy, Organization and management follow-up
Prerequisites for admission	Degree: Medicine and Surgery. Criteria of selection: evaluation of curriculum and application
Job opportunities	Expert doctor in diseases of pulmonary circulation
Relevant Information	Number participants: min: 5 max: 10. Formative credits: 60. Obligatory frequency. Center of the lessons: Institute of Cardiology, pad. 21, Hospital S.Orsola- Malpighi



Email	master@unibo.it
Web site	www.eng.unibo.it
Source - last access	University website: <u>www.unibo.it</u> - 03 September 2009
Course Title & University	Master in Management in Clinical Engineering - Trieste University Faculty of Medicine and Surgery
Objectives	The formative objectives of the course are to form professional specialists and managers in the field of Clinical engineering. The Course awards the diploma of Second Level Master in "Management in Clinical Engineering".
Prerequisites for admission	Graduates in Biomedical Engineering or Electronic Engineering with biomedical curriculum
Job opportunities	Engineering, professional, and managerial specialists that supervise the services of Clinical Engineering, that organize and coordinate small operating units of technical staff in order to manage, evaluate, install, maintain and upgrade the clinical-assistential biomedical and info-telematic instrumentation and equipment, used in social-health services
Relevant Information	The Master is carried out specifically within the didactic Network of the Adriatic Balcanic Ionic Cooperation on Biomedical Engineering (ABIC-BME) and within the "e-medicine" Network ALADIN. It originates from several bilateral agreements, in particular with the Ministry of Health of Croatia and the collaboration in existence with the Athenaeums of Roma Tre and Polytechnic of Turin. It is part of the formative offer for the University Network of the INCE.
Email	http://helpdesk.units.it/postaelettronicastudenti
Web site	http://www.ssic.units.it/it/SMMCE/index.html
Source - last access	University website: www.univ.trieste.it - 03 September 2009

## **Natural, Physical and Material Sciences**

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Course Title & University	Master in Surface Treatments for Industrial Applications - University of Padua
	The aim of this Master is to train experts on the most technologically advanced surface cleaning and apply it to make:
Objectives	<ul> <li>Dental Implants</li> <li>Surgical Prostheses and Titanium Cardiac Valves</li> <li>Titanium Compounds for ultra light cars</li> <li>New technologies for glasses and jewels</li> <li>Design and implementation of deposition sources</li> <li>This Master aims to combine the metallurgic and surface treatments knowledge with the ability to use new</li> </ul>
	technologies and diagnostics, which is mandatory to improve industrial processes. It implies a deep activity in laboratory at the INFN-LNL, in order to get used to different technologies (vacuum, cryogenics, chemical cleaning of surfaces, coating, and superconductivity) and will take advantage of the cooperation with private and state industries working in this sector.
Relevant Information	The Master program is in collaboration with Confindustria Veneto. The idea of the Master draws inspiration from the Venetian Small and Medium Enterprise demand, which keeps reaching the INFN-National Laboratories in Legnaro in a constant and pressing way. The local industry asks for very well-trained experts issued from the Material Science sector, with a technological background which is useful for the industrial sphere. This Master is more based on a sort of "laboratory teaching", rather than a classroom one. The aim is to increase the candidates qualification, integrating and enriching lessons at University with consolidated research methods, techniques and analysis instruments, which are innovative in the industrial world



Job opportunities	At the end of the course, the candidate can directly enter the production and R&D sector of sponsor enterprises or be employed both as an expert to solve technologically complex problems and as a corporate adviser in cooperatives or trade associations. According to a survey led in hard coating industries of the tool or glasses or even decorative sector (such as the silver one), people seem to be very interested in employing experts with a specialized training as well as in specializing directly their graduated employees.
Email	Master Director Prof Vincenzo Palmieri Vincenzo.Palmieri@UniPD.it Master Coordinator dott. S. Martin Martin@LNL.INFN.IT
Web site	http://master.lnl.infn.it
Source - last access	University website: www.unipd.it - 03 September 2009

## **Pharmacy**

Course Title & University	E-learning International Master in Cosmetic Sciences and Technology - University of Siena
	Faculty of Pharmacy
Objectives	This Master aims to give the theoretical and practical knowledge required for the preparation of highly qualified specialists in Science and Technology of Cosmetic Products.  This Master will provide knowledge in the cosmetic field relevant for carrying out activities related to cosmetic and sanitary areas.
Job opportunities	A degree in Pharmacy, Pharmaceutical Chemistry and Technology, Chemistry, Industrial Chemistry, Biological Science and Chemical Engineering; Equivalent degree obtained from foreign Universities
Relevant Information	e-master
Email	segst farm@unisi.it or Prof.ssa C. Anselmi anselmic@unisi.it
Web site	http://www.unisi.it/farmacia/cosmetici/masterelearning.htm
Source - last	University website: <u>www.unisi.it</u> - 03 September 2009
access	

#### **Political Sciences**

Course Title & University	MIREES - Interdisciplinary Master's in East European Research and Studies - University of Bologna
-	Faculty of Political Sciences
	To give a post-graduate academic and professional training, characterized by a specialized study of economics, politics, international relations, history, sociology and anthropology of South-Eastern Europe,
Objectives	Central Europe, Baltic Europe and CSI Area, as well as a thorough study of one specific country of the area, which will be the topic of the Master Thesis. To this aim, the student has to acquire an excellent knowledge of the language of this specific country.
Prerequisites for admission	Faculty of previous degrees required: 1st level university degree (3 or 4 years) in Political Science, Law, Economics, Social Science, Humanities, International and Diplomatic Relations, Languages, Psychology, Philosophy, Education Studies, and Agricultural Science. Selection criteria: based on qualifications
Job opportunities	"Area Experts" to be inserted into managerial careers in international institutions and organizations, public and private bodies, consulting companies, NGOs and public administrations that intend to develop their relations with Eastern Europe in the political, economic, social, and cultural field.
Relevant Information	Participant number: min. 20, max. 40. Length: two-year course full time. MIREES, thanks to its research activities and scientific training, prepares students for further doctoral studies in the event they want to continue studying. Double-Conjoint degree program: the MIREES diploma is a document jointly awarded by the University of Bologna together with partner universities
Email	master@unibo.it



Web site	www.wbc-inco.net
Source - last access	University website: www.unibo.it - 03 September 2009
Course Title & University	European Master in Human Rights and Democratization (EIUC) - European Inter-University Centre for Human Rights and Democratisation
Objectives	The aims of the E.MA Programs are: to form high-level professionals in the field of human rights and democratization qualified to work as academics, staff members or field workers for inter-governmental, governmental, and non-governmental organizations; to provide its graduates with practical work experience; to create a European network of curriculum development and staff exchange among universities in the field of human rights and democratization.
Relevant Information	6-month internship in prestigious International organizations such as the UN, UNESCO, etc One semester in Venice and one semester in a partner University.
Email	Eiuc Secretariat secretariat@eiuc.org
Web site	www.emahumanrights.org
Source - last access	University website: www.eiuc.org - 03 September 2009
Course Title & University	MiDIC Development, Innovation and Change - University of Bologna Political Sciences
Objectives	The course faces, following an international and fine-disciplinary perspective, the tie between innovation and local development. Its activities: the introduction, the spread and the implementation of innovations - technological, organizational and institutional - in local systems with various levels of associate-economic and political-institutional development; the planning and the management of programs of local development; the formulation and application of cooperation and integration policies.
Prerequisites for admission	Faculty of previous degrees required: first level degree (new-style degree) or four-year degree (old-style degree), or equivalent qualification awarded by a foreign university, regardless of the area of study. Selection criteria: evaluation of the qualifications submitted by the candidate
Job opportunities	Experts, consultants and professionals in the field of local development, within local, national and international organizations - both private for-profit or non-profit organizations and public administrative and research-oriented organizations - working in developed as well as in developing countries.
Relevant Information	Participant number: min. 12, max. 30. Length: one-year course. Credits: 70. Number of courses: 12, of which 4 are to be chosen out of a range of 13 options, plus 4 non-mandatory preparatory courses (no credits allocated). Stage: at the end of the two semesters, students will undertake an internship period within local, national or international institutes or organizations - both private for-profit or non-profit organizations and public administrative and research-oriented organizations - working in developed as well as in developing countries.
Email Web site	Prof. Sandro Montresor <u>midic@sdic-school.org</u> , or <u>sandro.montresor@unibo.it</u> http://www2.dse.unibo.it/midic/
Source - last access	University website: www.unibo.it - 03 September 2009
Course Title & University	Master in World Heritage at Work - University of Turin and Polytechnic of Turin



Objectives	It aims at ensuring adequate representation for all types of cultural and natural heritage sites, promoting their effective conservation, raising the level of management and human skills for conservation, informing the public of the achievements and challenges ahead.
Prerequisites for admission	All Italian and international applicants holding a degree, excellent knowledge of the English language
Relevant Information	Several scholarships available; in collaboration with UNESCO, ITC-ILO, "Fondazione per l'Arte della Compagnia di San Paolo" and Italian Ministry of Foreign Affaires, SITI (Istituto Superiore sui Sistemi Territoriali per l'Innovazione), Politecnico di Torino, ICCROM di Roma (International Centre for the Study of the Preservation and Restoration of Cultural Property).
Email	worldheritage@itcilo.org
Web site	http://p31.itcilo.org/masters/worldheritage
Source - last	University website: <u>www.polito.it</u> - 03 September 2009
access	

## **Space Engineering**

Course Title & University	Master in Space Exploration and Development Systems - Polytechnic University of Turin First School of Engineering
Objectives	SEEDS aims to meet the request emerging from the European Space Industry for a new generation of high level specialists, whose main profile is to have been educated in an international environment and to have gathered an experience in working on advanced projects in some of the most renowned space centers, agencies and companies of the European Union.
Prerequisites for admission	A Bac+5 level degree (e.g. French Diplôme d'Ingénieur, Italian Laurea Magistrale or former 5-year Laurea, German Diplom or equivalent degree at MSc level) in Industrial Engineering (Aerospace, Mechanical, Thermal, Nuclear, Electronics), in Information and Communications Technologies or in Physical Sciences is required. Special cases (4-year BSc or BEng degrees) may also be considered, particularly if coupled with some professional experiences. Excellent knowledge of English.
Job opportunities	National, European and international projects on Exploration such as the ESA Aurora Program and the NASA Constellation Program. SEEDS looks at the major European Space Agencies and Companies involved in Exploration projects, such as the European Space Agency (ESA), the Italian, German and French Space Agencies (ASI, DLR and CNES), the ASTRIUM, Thales Alenia Space, OHB Systems Companies/the EADS, Thales Alenia Space, OHB Companies and other establishments.
Relevant Information	It has been approved and funded by the European Social Fund. SEEDS originates from the collaboration of three European universities, namely an Italian (Politecnico of Turin), a German and a French one (Supaero Toulouse, now ISAE). 100% employment
Email	formazione@corep.it
Web site	http://www.seeds.formazione.corep.it/seeds09/
Source - last access	University website: www.polito.it - 03 September 2009

## **Technologies and Navigation Engineering**

Course Title & University	Master in Automatic and Control Applications - Polytechnic University of Turin Third School of Engineering
Objectives	Focus on advanced applications such as smart sensors, energy management, control of financial risk, automotive control systems, aerospace control systems, precision machining, mobile robotics, industrial networks, etc.



Prerequisites for admission	Graduate students having completed a curriculum in engineering, mathematics, physics, biology, economics or related areas. Excellent knowledge of the English language.				
Job opportunities	Many employment opportunities, both in the local Piemonte area and at the international level. Piemonte hosts several world-leading industries such as FIAT, COMAU, First Industry, DEA, Alenia Aeronautic, Thales Alenia, etc, that rely heavily on automatic and control technologies, and where the MACT laureate may find interesting opportunities as a Systems Engineer or Manager of automation and production lines.				
Email	master.universitari@polito.it				
Web site	http://didattica.polito.it/master/automatica/				
Source - last access	University website: www.polito.it - 03 September 2009				

Master in E-Business and ICT for Management - Polytechnic University of Turin Third School of Engineering

Course Title & University

•						
Objectives	The educational course, coherent with the tradition of excellency of the Polytechnic of Turin, has the objective of preparing professional figures who are able to set up, manage and evaluate e-government, and e-business projects, from both the technological and economic-managerial points of view.					
Prerequisites for admission	The II Level Specializing Master in eBusiness and ICT for Management is addressed to graduate students in: Technical-scientific disciplines (Engineering, Physics, Mathematics, Information Sciences, etc.) Economic and legal disciplines (Economy, Communication Sciences, Political Sciences, etc.) Graduates from other fields with working experience in the themes dealt with in the Master course.					
Job opportunities	The experience gained and the results obtained are proven by the rapidity and quality of the post-master placements and by the evaluations that appear in specialization publications.					
Email	master.universitari@polito.it					
Web site	http://didattica.polito.it/master/e-business/					
Source - last access	University website: www.polito.it - 03 September 2009					
Course Title & University	Master in Navigation and Related Applications - Polytechnic University of Turin and Istituto Superiore Mario Boella (ISMB) Third School of Engineering  The ILL evel Specializing Master in Navigation and Related Applications (MNA) fulfills job market demands					
Objectives	The II Level Specializing Master in Navigation and Related Applications (MNA) fulfills job market demands for high level technicians endowed with specific skills as well as a broad vision of the navigation/localization world.					
Prerequisites for admission	Graduate Students having completed a curriculum in Electrical Engineering, Aerospace Engineering, Environmental Engineering, Communication Engineering, Information Technology or related subjects.					
Job opportunities	Skilled personnel will be engaged in production and management of innovative navigation-oriented applications.					
Relevant Information	Joint initiative of the Polytechnic of Turin and Superior Institute Mario Boella (ISMB) with the collaboration of National Electrotechnic Institute Galileo Ferraris (IEN) and the United Nations Office for Outer Space Affairs (UN-OOSA).					
Email	master.universitari@polito.it					
Web site	http://didattica.polito.it/master/navigation/					
Source - last access	University website: www.polito.it - 03 September 2009					



Course Title & University	Master in Optical Communication and Photonic Technologies - Polytechnic University of Turin Third School of Engineering					
Objectives	This one-year II Level Specializing Optical Communication and Photonic Technologies aims at providing an extensive background in optical systems, ranging from transmission aspects, to technological and component-related issues, as well as networking aspects.					
Prerequisites for admission	The MOCPT program is addressed to graduate students who have completed a curriculum in Electronic Engineering, Telecommunications Engineering, Information Technology or equivalent subjects.					
Job opportunities	The MOCPT aims at providing the student with a comprehensive view of some aspects like: transmission techniques, network architectures and design, key optical components and enabling technologies.  Its contents are designed to enable the II Level Specializing Master graduates to fulfill the cultural requirements set forth by the most advanced companies in the field, also in challenging R&D contexts.					
Email	master.universitari@polito.it					
Web site	http://didattica.polito.it/master/optical/					
Source - last access	University website: www.polito.it - 03 September 2009					
Course Title & University	Master in Wireless Systems and Related Technologies - Polytechnic University of Turin Third School of Engineering					
Objectives	The II Level Specializing Master provides an extensive background in wireless systems, ranging from network aspects to wireless technology and hardware maintenance and design.					
Prerequisites for admission	The MWST program is addressed to graduate students having completed a curriculum in Electronic engineering, Telecommunication engineering, Information technology or equivalent subjects.					
Job opportunities	The II Level Specializing Master in Wireless Systems and Technology is an effective answer to the work market demands in terms of high level technicians endowed with a broad vision of the wireless world, but also with specific skills.					
Email	master.universitari@polito.it					
Web site	http://didattica.polito.it/master/wireless/					
Source - last access	University website: www.polito.it - 03 September 2009					
Course Title & University	Master in Human Language Technologies - University of Trento					
Objectives	This Master aims to cover basic HLT competences and abilities for the development of advanced man- computer interfaces					
Prerequisites for admission	Candidates must have at least a four year degree in computer science, electronics, cognitive science or computational linguistics.					
Email	masterhlti@dit.unitn.it					
Web site	http://old.disi.unitn.it/disi/edu/hlti/home.xml					
Source - last	University website: www.unitn.it - 03 September 2009					



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Course Title & University	Master in Assistive Technologies - University of Trieste					
- · · · · · · · · · · · · · · · · · · ·	Faculty Engineering					
Objectives	The goals of the Master Degree are the awareness and implementation of innovative technologies in the field of assistive technology. Such knowledge will be acquired in a wider interdisciplinary context which also includes economic and safety subjects.					
Prerequisites for admission	A three year university degree in any subject; Foreign degrees will be subject to an evaluation by the Master Council Commission.					
Job opportunities	Upon completion of the Master Course the candidate should be able to: - Provide complex and interdisciplinary consultations Solve complex problems with manufacturers, final users and institutions Assume responsibility for both economic and technological decisions regarding assistance Develop competent projects regarding AT Collaborate with professionals with various cultural backgrounds Participate in experimental and research projects of technologies offered by the EU					
Email	nicolich@units.it or scotti@units					
Web site	http://mat.dica.units.it					
Source - last access	University website: www.units.it - 03 September 2009					



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## **Economy/Business**

Course Title & University	International Business - University of Bergamo Faculty of Economics
Relevant Information	Summer Business Program organized in collaboration with the University of Missouri-Columbia; each university organizes four courses held by its own lecturers; each student chooses to attend two courses, one held by a lecturer of the University of Bergamo and the other by a lecturer of the University of Missouri-Columbia
Email	segreteria.economia@unibg.it
Web site	www.unibg.it
Source - last access	University website: www.unibg.it - 03 September 2009

## **Economy and Finance**

	Economy and Phranec					
Course Title & University	Banking and Insurance Companies - University of Bergamo Economy and Finance					
Objectives	Theory and practical examples taken from the USA and Europe will deal with the following aspects of banking and insurance: Financial intermediation: bank and non-bank financial intermediaries; Bank structures, operations, and cultural influence; Bank operations: consumer loans; Bank performance; The concept of risk, financial risk and other risks; The concept of insurance; Main products of insurance companies; Insurance policies and premium calculations; Insurance companies and markets; A case of an Italian Insurance Group					
Relevant Information	Summer Business Program organized in collaboration with the University of Missouri-Columbia; each university organizes four courses held by its own lecturers; each student chooses to attend two courses, one held by a lecturer of the University of Bergamo and the other by a lecturer of the University of Missouri-Columbia					
Email	segreteria.economia@unibg.it					
Web site	www.unibg.it					
Source - last access	University website: www.unibg.it - 03 September 2009					
Course Title & University	Entrepreneurship - University of Bergamo Economy and Finance					
Relevant Information	Summer Business Program organized in collaboration with the University of Missouri-Columbia; each university organizes four courses held by its own lecturers; each student chooses to attend two courses, one held by a lecturer of the University of Bergamo and the other by a lecturer of the University of Missouri-Columbia					
Email	segreteria.economia@unibg.it					
Web site	www.unibg.it					
Source - last access	University website: www.unibg.it - 03 September 2009					
Course Title & University	International Finance - University of Bergamo Economy and Finance					



Relevant Information	Summer Business Program organized in collaboration with the University of Missouri-Columbia; each university organizes four courses held by its own lecturers; each student chooses to attend two courses, one held by a lecturer of the University of Bergamo and the other by a lecturer of the University of Missouri-Columbia
Email	segreteria.economia@unibg.it
Web site	www.unibg.it
Source - last access	University website: www.unibg.it - 03 September 2009

### **Marketing and Communication**

Marketing and Communication						
Course Title & University	International Marketing - University of Bergamo  Marketing and Communication					
	Marketing and Communication					
Relevant Information	Summer Business Program organized in collaboration with the University of Missouri-Columbia; each university organizes four courses held by its own lecturers; each student chooses to attend two courses, one held by a lecturer of the University of Bergamo and the other by a lecturer of the University of Missouri-Columbia					
Email	segreteria.economia@unibg.it					
Web site	www.unibg.it					
Source - last access	University website: www.unibg.it - 03 September 2009					
Course Title & University	Internet Marketing - University of Bergamo Marketing and Communication					
Relevant Information	Summer Business Program organized in collaboration with the University of Missouri-Columbia; each university organizes four courses held by its own lecturers; each student chooses to attend two courses, one held by a lecturer of the University of Bergamo and the other by a lecturer of the University of Missouri-Columbia					
Email	segreteria.economia@unibg					
Web site	www.unibg.it					
Source - last access	University website: www.unibg.it - 03 September 2009					
Course Title &University	Integrated Marketing Communication - University of Bergamo Marketing Communication					
Relevant Information	Summer Business Program organized in collaboration with the University of Missouri-Columbia; each university organizes four courses held by its own lecturers; each student chooses to attend two courses, one held by a lecturer of the University of Bergamo and the other by a lecturer of the University of Missouri-Columbia					
Email	segreteria.economia@unibg.it					
Web site	www.unibg.it					
Source - last access	University website: www.unibg.it - 03 September 2009					



	Management					
Course Title & University	Project Management - University of Bergamo Management  Summer Business Program organized in collaboration with the University of Missouri-Columbia; each university organizes four courses held by its own lecturers; each student chooses to attend two courses, one held by a lecturer of the University of Bergamo and the other by a lecturer of the University of Missouri-Columbia					
Relevant Information						
Email	segreteria.economia@unibg.it					
Web site	www.unibg.it					
Source - last access	University website: www.unibg.it -03 September 2009					
	Mathematical, Physical and Natural Sciences					
Course Title & University	Grand Challenges in Computational Biology: New Developments for Solving the Unsolved Problems of Computational Biology - University of Bologna Mathematical, Physical and Natural Sciences					
Objectives	Ongoing projects aim to understand the universe and the origin of life to better help preserve and protect our planet; understanding basic mechanisms from molecular biology to systems/organism biology in order to revolutionize medicine and healthcare; to investigate our common origins and how we differentiate from each other, also in relation to environmental factors					
Prerequisites for admission	Post-graduate students and researchers interested in Bioinformatics and its applications. Participants will be selected on the basis of their CVs					
Relevant Information	9th edition of the Bologna Winter School in Bioinformatics. The school will cover different sessions: New Challenges in Modern Biology; Biodiversity from Genome annotation; Structural Modeling at large: is it possible?; Structural Bioinformatics; Networks and Biology; The 3-D structure of Membrane Proteins; Genome Expression and Regulation.					
Email	Dr. Laura Airoldi laura.airoldi@unibo.it					
Web site	www.unibo.it					
Source - last access	University website: www.unibo.it - 03 September 2009					
Course Title & University	Detecting Biological and Environmental Changes: Design and Analysis of Monitoring and Experiments - University of Bologna Faculty of Mathematical, Physical and Natural Sciences					
Objectives	How to decide what kind of analysis is most appropriate given the hypothesis of interest and how to interpret results; how to use the software PRIMER v6, including a separate Windows version of PERMANOVA accessed as an add-in to PRIMER.					
Prerequisites for admission	Researchers from any field of work, with emphasis on studies in biology, ecology, and environmental sciences; post-graduates, PhD students, post-docs and researchers interested in developing skills in the design and analysis of data from monitoring and experiments. No explicit pre-requisites are needed, but a general familiarity with unvaried statistics is expected.					
Relevant Information	The course will consist of lectures and practical PC exercises, for a total of 8 credit points. The achievement of teaching objectives will be evaluated during the practical sessions. The course will be organized into 3 main sections. Section 1: A General Introduction to Experimental Design (2 days); Section 2: Multivariate Analyses Using Primer (4 days); Section 3: Analyzing Multi-Variable Responses to Complex Experimental Designs Using Permanova (4 days)-					
Email	orientamento@unibo.it					
Web site	www.unibo.it					
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