

STUDY IN SICILY



COURSE CATALOGUE



FSE FONDO SOCIALE EUROPEO
SICILIA 2020
PROGRAMMA OPERATIVO



INDIRE ISTITUTO
NAZIONALE
DOCUMENTAZIONE
INNOVAZIONE
RICERCA EDUCATIVA

A panoramic view of the ancient Theatre of Taormina in Sicily. The foreground shows the stone tiers of the amphitheatre, partially covered in green grass. The middle ground is dominated by the ruins of the theatre's facade, featuring several arches and columns. In the background, a coastal town is visible, followed by rolling green hills and the snow-capped peak of Mount Etna under a bright blue sky with wispy clouds. The top left corner of the image features several white diagonal lines on a blue background.

Sicily awaits you!

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CATANIA CATHEDRAL



BASIC REQUIREMENTS

The Study in Sicily initiative is addressed to the citizens of the following countries:

- Jordan
- Morocco
- Tunisia
- Algeria

In particular, to participate in the Study in Sicily initiative and enrol in a higher education institution, you must be above 17 years of age and meet the following requirements by being:

- a student who has completed the upper secondary school cycle and wants to enrol in an Italian higher education institution: universities/Higher technical institutes (ITS)/Institutes of High Training in Art, Music and Dance (AFAM);
- a student studying at a higher education institution in his/her country who wants to continue his academic career at an Italian higher education institution (university/ITS/AFAM);
- a student who has completed the first (Bachelor's degree) or second (Master's degree) cycle of higher education studies in his/her own country and wants to enrol in the next cycle (second or third – Master's degree or Phd) in Italy;
- a student who wants to participate in an Erasmus international mobility experience for study purposes for a period that can vary between 3 and 12 months;
- a student who wants to attend a specialization course at an Italian higher education institution.

QUALIFICATION REQUIRED

BACHELOR'S DEGREE

Find below the foreign qualifications valid for access to Bachelor's degree programmes (first cycle) in the Italian higher education system:

1. *Qualifications obtained at the end of a school period of at least 12 years*

These qualifications are valid for access to three-year degree courses (Bachelor's programmes) and to single-cycle specialist degree courses in Italian universities provided that they are also single-cycle degree programmes in the universities of the home country.

In the calculation of the twelve years, the preschool year must be considered, if necessary, provided that:

- the attendance of this year is compulsory and an integral part of the curriculum;
- the programme includes teaching of reading and writing of the mother tongue and the first elements of arithmetic calculation;
- This year is not before the sixth year of age.

2. *Qualifications obtained at the end of a school period of less than 12 years*

In addition to the original secondary school diploma, it is also necessary to submit an academic certification stating that all the required exams have been passed:

- for the first year of university studies, in the case of local school systems of eleven years;
- for the first two years of university studies, in the case of local school systems of ten years.

Such academic certification (in addition to secondary school diplomas obtained following less than twelve years of schooling) allows matriculation only in the first academic year of the programme, not an enrolment in a shortened programme.

PLEASE NOTE: The final qualification for post-secondary studies obtained in a non-university higher education institution can be accepted as a supplementary qualification for the educational path of less than 12 years.

MASTER'S DEGREE

Find below the foreign qualifications valid for admission to Master's courses (second cycle) in the Italian higher education system.

The admission of Italian or international students with foreign qualifications to the second cycle study courses is decided independently by the individual institutions of higher education.

When your qualification falls into one of the cases below, it meets the general requirements foreseen in Italy for access to Master's degree courses (second cycle):

- you have already obtained a Bachelor's degree (first cycle) at a foreign university or a university-level higher institution;
- your Bachelor's degree gives you the right to access the next level courses in the higher education system of the country that issued it;
- you also have a secondary school qualification obtained after 12 years of global schooling.

Consult the **list of courses of study** to find the one that is right for you and read the admission procedures established by each Sicilian university on the web page dedicated to the course.

The procedures and deadlines can be different for each course and for each institution: it is therefore advisable to **check with particular attention the indications provided by the Sicilian higher education institution** that has been chosen.

The calls for applications are normally published from February to July of each year.

Classes start in September/October each year.

The list of the courses offered for each academic year is normally published in February.

Remember that if you are not a citizen of a European Union country and reside outside Italy, you will have to **pre-enrol** through the competent Italian Embassy or Consulate in the months of April/May preceding the year of attendance of the chosen course.

PRE-ENROLMENT

Each academic year, Italian higher education institutions establish the total number of places available in each of their courses of studies within the three cycles of the system.

Some of the places available in each course of study are reserved for international citizens of non-EU nationality residing abroad; reserved places constitute the so-called **quota places**.

Under certain conditions, enrolment in a certain course of study can take place outside the quota places, as in the case of Study in Sicily.

In order for your request to study at a Sicilian institution to be examined and accepted, you must submit a **pre-enrolment request form**.

To finalize pre-enrolment in a course of studies of the first cycle (Bachelor's degree programmes) you need to:

- Select a **single course of study** from those of the Bachelor's level;
- fill in the **pre-enrolment form**;
- prepare all the **documents to be attached** to the pre-enrolment form, namely:
 - legalised secondary school diploma obtained abroad (after at least 12 years of overall, elementary and secondary schooling).

PLEASE NOTE: What does legalised qualification mean?

The legislation of some countries provides that all official documents, including those certifying the possession of qualifications, must be legalised in order to guarantee their **authenticity**.

If this rule is in force also in the country where you obtained your qualification to be used in Italy, you must contact the **competent authority** to obtain the legalisation of the document certifying the title of study.

Legalisation must be carried out before you ask the competent Italian diplomatic representation to issue the Local Declaration of Value of your qualification.

If, on the other hand, the country in which you obtained your qualification adheres to the **Hague Convention**, you must have your qualification sealed with an **Apostille stamp**. The stamp with the apostille must be placed on the document before asking the competent Italian diplomatic authority to issue the Local Declaration of Value of the qualification.

- **Declaration of Value** issued by the competent Italian diplomatic representations abroad

PLEASE NOTE: What is the Declaration of Value?

As required by the international procedure for the recognition of qualifications, Italian universities verify:

- the legal status of the institution that issued a given foreign qualification;
- if the title is authentic;
- if it belongs to the national education system of the country that issued it;
- the academic and/or professional rights that the title confers in the relating country.

In order to carry out these checks, adequate sources and information tools are required; among those available, the Italian institutions resort to the so-called Declaration of Value, as it is **issued by Italian authorities present in the countries in which the qualification have been issued**.

The task of drawing up the Declaration of Value is in fact assigned to the competent **Italian Diplomatic Representations abroad**; in particular, according to the most recent provisions (2007), this task is reserved **exclusively to the Embassies and Consulates** (and therefore cannot be delegated to the Italian Cultural Institutes).

- **The Declaration of Value is an official document**, written in Italian, which briefly describes a given qualification awarded to a specific person by an institution belonging to an education system other than the Italian one. It is a document of an **exclusively informative nature**, and therefore does not in itself constitute any form of recognition of the title in question; generally, it provides the information listed below, useful for the subsequent evaluation of the qualification by the competent Italian authorities for the legal recognition of foreign qualifications:
- legal status and nature of the issuing institution;
- requirements for access to the course of study ending with that qualification;
- legal duration of the course of study and/or global commitment required by the student in credits or hours;
- value of the title in the education system/country that issued it, for academic and/or professional purposes.

If you are not yet in possession of the Declaration of Value of your secondary school or higher education qualification, you **must apply to the Italian Diplomatic representation abroad**, including the following documents:

- original foreign qualification;
- official translation of the qualification into the Italian Language.

The Italian diplomatic representations abroad issue the Declaration of Value using different forms according to the type of course and institution in which the individual candidates are interested.

- Enrolment in a **university**:
 - **Form E**: if the candidate is interested in a Bachelor's level course or a Master's level course in medicine, dentistry and other single-cycle degrees in the Italian education system;
 - **Form L**: if the candidate is interested in a Master's level course but in disciplinary fields other than in medicine, dentistry and other single-cycle degrees in the Italian Education system;
- Enrolment in an **Afam institution**:
 - **Form E bis**: if the candidate is interested in a Bachelor's programme;
 - **Form L bis**: if the candidate is interested in a Master's programme.

WARNING!

- In the event that the qualification is issued by a country whose legislation provides for its legalization, the Italian diplomatic representations issue the Declaration of Value only after the qualification has been legalized by the competent authority of that country.
- Before issuing a Declaration of Value, Italian diplomatic representations normally check the authenticity of the title in question.
- The Declaration of Value is useful to facilitate both the academic or professional recognition of qualifications and the inclusion in the labour market (e.g. to work in a private sector avoiding the qualification equivalence procedures).

You must include:

1. Two passport-size photographs, one of which authenticated by the Italian diplomatic representation abroad competent for the territory;
2. official translation into Italian of documents written in a foreign language;
3. if in your possession, certificate or diploma or other documents attesting your knowledge of the Italian language.

PLEASE NOTE: official translations

Translations from a foreign language to Italian are defined as official when:

- they are carried out by **sworn translators** (i.e. those professionals who take an oath in court that they have faithfully respected the original text). These translations, commonly called sworn translations, have a professional cost that generally varies depending on the languages and the difficulty of the text to be translated. In Italy lists are available with the names of sworn translators at civil courts.
- They are performed by third parties, i.e. by non-professional translators and subsequently **endorsed and certified**, and therefore declared compliant with the original text by the competent Italian **Diplomatic Representation abroad**.



**BENEDICTINE MONASTERY
OF SAN NICOLÒ L'ARENA**

**HUMANITIES DEPARTMENT
OF THE UNIVERSITY OF CATANIA**

UNESCO HERITAGE SITE



COURSE CATALOGUE 2023/2024



MESSINA

AGRICULTURAL SCIENCES

BACHELOR'S DEGREE IN AGRICULTURAL SCIENCES AND TECHNOLOGIES, University of Catania

- Location: CATANIA
- Department: AGRICULTURE, FOOD AND ENVIRONMENT
- Teaching language of the course: ITALIAN/ENGLISH FOR SOME COURSES
- Course delivered online: A.Y. 2019-2020
- Link to the course: <https://www.di3a.unict.it/it/corsi/1-25/>

COURSE DESCRIPTION:

The degree course in Agricultural Sciences and Technologies aims to train a professional figure characterised more by flexibility – in order to meet the needs of the labour market – than specialization.

After having acquired adequate competence levels in foundation subjects (maths, chemistry, physics and biology), students will confront themselves with the fundamental knowledge characterising their professional profile pertaining to economic-estimative disciplines, plants production and protection, livestock breeding, engineering, and soil fertility.

Graduates in agricultural sciences and technologies are also able to use at **least one European Union language (English)** besides Italian and possess adequate knowledge **of the use of information and communication technologies**.

Upon enrolment, each student is assigned a tutor belonging to the teaching staff who they can contact, throughout the training course, for organizational and cultural guidance.

PROFESSIONAL OPPORTUNITIES

Graduates in Agricultural Sciences and Technologies will be able to carry out **professional activities in the agricultural and food sectors**, in both the public and private sectors. Graduates may sit the state examination required to register in section B of the Professional Register of Agronomists and Foresters, junior agronomists.

The course prepares for the following **careers**:

- Environmental control technicians
- Agricultural technicians
- Zootechnics

Other **job opportunities** include:

- performing technical and managerial duties for agricultural businesses, companies, producing materials, machines and plants for agriculture, and for companies for the processing and/or distribution of agricultural products;
- free-lance profession (collaboration in planning, consultancy, assistance, etc.) focusing on the production aspects, the management of projects, the valuation of goods, plants, technical means and products relating to the agricultural sector;
- performing technical and management functions in activities related to the protection and sustainable development of the environment;
- performing technical roles in public institutions (ministries, regions, research bodies, agricultural development bodies, land reclamation consortia, etc.), and for private individuals and businesses;
- work for international public institutions that are interested in aspects of agricultural development (FAO, UN, EU, etc.);
- continuing their training by enrolling in the Master's Degree Courses in Agricultural Science and Technology or in Agricultural Biotechnology.

BACHELOR'S DEGREE IN FOOD SCIENCE AND TECHNOLOGY

University of Catania

- Location: CATANIA
- Department: AGRICULTURE, FOOD AND ENVIRONMENT
- Teaching language of the course: ITALIAN
- Course delivered online: NO
- Link to the course: <https://www.di3a.unict.it/corsi/l-26>

COURSE DESCRIPTION:

The degree course in Food science and technology aims to train a nationally and internationally recognized professional figure who has the opportunity to choose among different career opportunities.

Ultimately, the aim of the degree course is the training of graduates able to:

- possess a complete vision of the activities and problems of the production, industrial transformation and conservation of food products “from the field to table”;
- solve application problems in the food supply chains;
- carry out analysis of food products, quality and quantity control of raw materials, finished products, additives, technological adjuvants, semi-finished products, packaging and anything else related to the production and processing of food;
- manage the safety, quality and hygiene of food;
- analyse the economic-managerial and marketing aspects of agri-food companies;
- know the legislation on agri-food products;
- contribute to the design of innovative food products with specific functional, nutritional and sensorial characteristics;
- develop innovative technologies with reduced environmental impact and reduced energy consumption for the preservation, conditioning and distribution of food.

PROFESSIONAL OPPORTUNITIES

The Food Technologist can find employment in the production, processing, conservation, marketing and administration of food and beverages and in companies that produce ingredients, food additives and technological adjuvants.

The Food Technologist can work in public and private institutions conducting analysis, control, certification activities for the protection and enhancement of food production.

Furthermore, graduates can continue their training by enrolling in Master's Degree Courses relating to the food sector.

ENOFOOD 4.0 – HIGHER TECHNICIAN EXPERT IN THE AGRIFOOD SECTOR

ITS Albatros

- Location: MESSINA
- Link to the course website: <https://www.itsalbatros.me.it/enofood-4-0/>

The Higher technician, expert in the **agrifood sector**: enogastronomy, hospitality and territory is a professional endowed with specific competences in the agrifood sector, in particular in the promotion and valorisation of typical and quality products in a perspective of food identity, namely conceiving these products as the expression of the characteristics of the territory in terms of its landscape, ecology, history and culture. He/she is able to operate in numerous professional contexts relating to the **knowledge of productions and culinary preparations**, and in the **promotion, communication and valorisation of food and Mediterranean culture**, also using multimedia tools. The Higher technician will be able to manage innovative technological tools, plan and **implement actions for the valorisation of the excellencies of the territory as an answer to new consumption models based on experiences, health and biodiversity recovery**. Starting from the culture and the traditions of the territory and its products, thanks to the experience and multidisciplinary skills acquired in the fields of communication, marketing and business management, the higher technician will deal with the **promotion of the territorial agri-food heritage**, which is rich in biodiversity, by also interacting with the world of food and wine and that of hospitality. Special attention will be given to the promotion of a **correct relationship between the product, the territory and the market**, also facilitating and implementing internalization processes. The higher technician knows the production processes, and their socio-cultural, historical, economic, environmental value, and the links between food and territory. He/she has a strong sensitivity towards process and product innovation, which He/she implements through the promotion and enhancement of environmentally friendly and sustainable production processes, respecting the specialisations and peculiarities of the “Made in Italy”, also combining food and health in actual “experiential paths of well-being”.

New models of application of the Blockchain will be explored and tested: the “Food Chain”, synonymous with transparency and accessibility, capable of re-generating a new value of food and a new concept of “Consume-Actor”.

PARTICIPATION IN THE COURSE IS FREE OF CHARGE.

EnoFood 4.0 – Expert in the AgriFood sector: food and wine, hospitality and territories – Course for Higher Technician for the control, enhancement and marketing of agricultural, agro-food and agro-industrial productions.

Project training proposal presented in the context of Public Notice no. 32/2019 (Official Journal of the Sicilian region no. 49 of 31/10/2019) “Higher Technical Education training offer in Sicily 2019/2021” co-financed by the European Social Fund as part of the implementation of the O.P. ESF Sicily 2014/2020. While awaiting approval, the training offer may be subject to changes. Information and/or communications are available on the websites: www.itsalbatros.me.it and www.sicilia-fse.it.

MASTER’S DEGREE IN MEDITERRANEAN FOOD SCIENCE AND TECHNOLOGY **University of Palermo**

- Location: **PALERMO**
- Department: **AGRICULTURAL, FOOD AND FORESTRY SCIENCE**
- Teaching language of the course: **ENGLISH**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/mediterranean-food-science-and-technology/

The Master Degree course in ‘Mediterranean Food Science and Technology’ has the specific training objective of providing the advanced knowledge required to rationally choose the most suitable processes and transformation phases for modern production and for the management of the agri-food company.

The course specifically addresses the problems relating to technologies applied to the management of raw materials and foods specific to the Mediterranean environment, also in relation to the various food distribution chains, including the areas of public catering, nutrition, and control of food safety and products of Mediterranean origin; food trade and safety legislation; the economics and management of agri-food business, marketing and, in particular, analysis of consumer behaviour. What makes the Degree Program unique is its focus on the sustainability of the agri-food industry processes and on the biological and microbiological control of food Mediterranean Agri-food chains, including those of animal and marine origin. The course will focus on the nutritional aspect and food safety control of products of Mediterranean origin; the development and formulation of new food products; the food law on trade and food safety; the economics of the food business, marketing and, in particular, the analysis of consumer behaviour.

The graduate in **MEDITERRANEAN FOOD SCIENCES AND TECHNOLOGIES** can carry out management, planning, control, coordination and training activities in the production and conservation, distribution and administration of food products. They will be capable of autonomously developing innovative solutions in the food industry and in the freelance profession.

SHORT-CYCLE HIGHER EDUCATION IN AGRIFOOD MADE IN ITALY 4.0: EXPERT OF AGRIFOOD SUPPLY CHAINS **ITS Albatros**

- Location: **MODICA (RG)**
- Professional figure: **HIGHER TECHNICIAN RESPONSIBLE FOR AGRICULTURAL, AGRIFOOD AND AGRO-INDUSTRIAL PRODUCTION AND PROCESSING**
- Technological area: **NEW TECHNOLOGIES FOR THE MADE IN ITALY – SECTOR: AGRIFOOD SYSTEM**
- Professional area: **AGRIFOOD – PROFESSIONAL SUB-AREA: AGRICULTURE, FORESTRY AND FISHING**
- Link to the course: <https://www.itsalbatros.me.it/agrifood-4-0/>

PROFESSIONAL PROFILE:

The higher Technician expert in the Agri-food Supply Chains is a new professional figure – operating in the connection between the producer and the consumer- who:

- **Collaborates in the design of interventions in the field of agri-food production and processing**, in compliance with quality, safety and compliance standards, according to Italian, European and international regulations.
- **Manages the processing cycles and control procedures of both the machines and the technological systems** of the entire relevant agri-food chain.
- **Validates the process and functionality of the production/transformation/ packaging plants and systems**, adopted within the “Made in Italy” agri-food supply chains.
- Analyses and manages the **economic processes and factors that condition agri-food production**, also using biological methods that are attentive to environmental sustainability.

- **Assist in the analysis of production and products;** promotes process and product innovation.
- **Analyses the demand of emerging markets and proposes innovative solutions for the marketing of “Made in Italy” products.** He/she manages the activities related to the promotion of supply chain and local products.
- Supervises customs procedures and the preparation of accompanying goods documentation.
- Promotes and manages production processes according to the principles of eco-compatibility, sustainability and in compliance with the specializations and peculiarities of “Made in Italy” and “Born in Sicily”.

New models of Blockchain application will be explored and tested: the “Food Chain”, synonymous with transparency and accessibility, capable of re-generating a new value of food and a new concept of “Consumer-Actor”; “Food Safety”, new tools at the service of the supply chain, able to guarantee the best food traceability so as to ensure new levels of food safety, a valid support for the protection of Made In Italy.

PARTICIPATION IN THE COURSE IS FREE OF CHARGE.

AgriFood 4.0 – Expert in Agri-food Supply Chains – Course for Higher Technician responsible for agricultural, agri-food and agro-industrial production and transformation.

Project training proposal presented in the context of Public Notice no. 32/2019 (Official journal of the Sicilian region no. 49 of 31/10/2019) Short-cycle higher education in Sicily 2019/2021 co-financed by the European Social Fund as part of the implementation of the O.P. ESF Sicily 2014/2020. Pending approval, the training offer may be subject to changes. Information and/or communications are available on the websites: www.itsalbatros.me.it and www.sicilia-fse.it.

SHORT-CYCLE HIGHER EDUCATION IN HEALTH FOOD 4.0: HIGHER TECHNICIAN EXPERT IN HEALTHY CUISINE ITS Albatros

- Location: MESSINA
- Link to the course website: <https://www.itsalbatros.me.it/healthfood-4-0/>

THE HIGHER TECHNICIAN EXPERT IN HEALTHY CUISINE:

- will be able to design and create **recipes and menus for various culinary specialties**, respecting the typicality of local products and lifestyles, paying attention to food intolerances, allergies and the prevention of diseases;
- **guarantees processing standards in full compliance with consumer’s health**, understood as a correct diet, aimed at choosing foods with curative and preventive characteristics, using innovative technologies for processing, handling and conservation of agri-food products, in order to also enhance their specificity;



- will be able to **know and apply control systems on raw materials**, apply production processes aimed at **improving quality**, formulate proposals for products/services, interpreting needs and promoting consumer loyalty; prepare menus with reference to the organoleptic and nutraceutical characteristics of the raw materials and the typicality of the product. He/she takes care of the preparation of recipes and menus, with the **application of innovative techniques in the context of controlled nutritional regimes**; works in compliance with health regulations with particular reference to **HACCP regulations**; promote and manage production processes according to the principles of eco-compatibility, sustainability and in compliance with the specializations and peculiarities of the “Made in Italy”.

New models of Blockchain application will be explored and tested: the “Food Chain”, synonymous with transparency and accessibility, capable of re-generating a new value of food and a new concept of “Consumer-Actor”; “Food Safety”, new tools at the service of the supply chain, able to guarantee the best food traceability so as to ensure new levels of food safety, a valid support for the protection of the “Made in Italy”.

PARTICIPATION IN THE COURSE IS FREE OF CHARGE.

Health Food 4.0 – Higher Technician Expert in Healthy Cuisine – Course for Higher Technician responsible for agricultural, agri-food and agro-industrial production and transformation.

Project training proposal presented in the context of Public Notice no. 32/2019 (Official journal of the Sicilian region no. 49 of 31/10/2019), Short-cycle higher education offer in Sicily 2019/2021 co-financed by the European Social Fund as part of the implementation of the O.P. ESF Sicily 2014/2020. Pending approval, the training offer may be subject to changes. Information and/or communications are available on the websites: www.itsalbatros.me.it and www.sicilia-fse.it.

ARCHAEOLOGY AND HISTORY OF ART

BACHELOR’S DEGREE IN CULTURAL HERITAGE University of Catania

- Location: CATANIA
- Department: HUMANITIES
- Teaching language of the course: ITALIAN
- Course delivered online: A.Y. 2019-2020
- Link to the course: <http://www.disum.unict.it/corsi/l-1/presentato-del-corso>

The course of study in **Cultural Heritage is a three-year course** aimed at training experts in the cultural heritage sector, who will be able to find professional opportunities as qualified collaborators in the **Superintendencies, museums, libraries, archaeological parks, and local authorities**.

The training course is designed so that the student acquires the indispensable foundation theoretical knowledge and technical skills required. The course offers a range of subject choices ranging from classical antiquity to the contemporary age, divided into **two curricula: archaeological and historical-artistic**. The student acquires a basic knowledge of archaeological and artistic heritage, archives, libraries, as well as their management and enhancement. moreover, he/she acquires the historical, literary and geographical notions indispensable to understand and contextualize them.

In the **archaeology curriculum**, aspects related to the main **methods of archaeological research and analysis are explored**, with reference to historical, social and cultural phenomena of the ancient and medieval ages. In the **historical-artistic curriculum**, aspects related to the main **methods of research and analysis in the historical-artistic field are explored**, with reference to historical, social and cultural phenomena from the Middle Ages and the modern and contemporary age. Teaching is organised in a traditional way, with lectures, but also with practical exercises for the main disciplines. The training course also includes professional experiences, such as excavation activities, workshops, work experiences and internships.

MASTER'S DEGREE IN ARCHAEOLOGY University of Palermo

- Location: PALERMO
- Department: CULTURES AND SOCIETIES
- Teaching language of the course: ITALIAN
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/archaeology/

The **Master's degree in Archaeology** broadens, deepens and gives advanced knowledge of the Archaeology of the Mediterranean area, offering a wide range of archaeological sub-disciplines: Prehistory, Archaeology of Greece, Magna Grecia and Sicily, Archaeology of the Roman world, Late Antique and Medieval archaeology Phoenician-Punic and Aegean Archaeology. It includes the study of Topography and ancient urbanization as well as history of the ancient architecture and some disciplines related to History and Civilisation, as Greek and Latin Epigraphy, Byzantine civilization and Legacy of ancient art. The educational offer **combines theoretical and practical training**, involving **methodologies and applied sciences**: Methodology of the archaeological research, Archaeological and architectural survey, Photogrammetry and digital image processing, Virtual archaeology technologies, Theory and history of restoration, Chemical-physical sciences applied to archaeology, Archaeometry, Biological anthropology.

Students can organize their own course of study **choosing among groups of options**: those disciplines they consider most suitable for their cultural formation.

The course integrates lessons with a wide range of **didactical laboratories** and field **activities as topographical and instrumental surveys, excavations** etc. These activities, strictly related to the professors' research projects and collaborations with other public institutions, provide a wide choice of opportunities also for internships and stages and for thesis works.

KORE UNIVERSITY OF ENNA



MASTERS' DEGREE IN COMMUNICATION OF CULTURAL HERITAGE University of Palermo

- Location: PALERMO
- Department: CULTURES AND SOCIETIES
- Teaching language of the course: ITALIAN WITH SOME SEMINARS IN ENGLISH
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/communication-of-cultural-heritage/

The Masters' degree programme in Communication of Cultural Heritage aims at training professionals who possess the typical knowledge and skills of communication specialists and are able to ideate and coordinate high level **projects in the field of cultural heritage, critical text editing and contemporary visual arts.**

The course comprises: a) **class specific educational activities** related to information and Communication theories and techniques, Semiotics, as well as socio-economic, historical-political and cognitive subjects, and b) **differentiated educational activities** aiming at comparing communication science with other sciences (History of modern/contemporary art, Museum studies and art and restoration criticism, Performing arts, Cinema, Photography and Television, English/German/Arab/Albanian Literature, etc.).

Two curricula have been envisaged: “**Written culture**” and “**Visual culture**”; students may choose one of them after the first year, aiming at consolidating the theoretical knowledge from their previous studies in Communication, Languages, Literatures, Visual and performing arts. The specific objectives of the course will vary depending on the chosen curriculum. The masters' degree in Communication of Cultural Heritage aims at acquiring skills as an expert in Communication of cultural heritage, whose functions range from design, analysis and planning of initiatives aimed at communicating cultural heritage in a broad sense, to analysis, conception and implementation of integrated communication systems, with particular emphasis on new means of communication. Graduates may find professional **opportunities in the areas of cultural heritage communication in a broader sense** (from artistic/monumental goods to gastronomy and folklore), text sciences and visual culture, in the critical edition of texts and contemporary visual images. Graduates will find employment in public and private museums, cultural and research institutes, as well as in cultural and museum organizations, cultural centres, libraries, archives, publishing houses, image and advertising, and tour operator agencies.

MASTER'S DEGREE COURSE IN ART HISTORY University of Palermo

- Location: PALERMO
- Department: CULTURES AND SOCIETIES
- Teaching language of the course: ITALIAN
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/art-history/

The **Master's Degree course in Art History** offers an advanced training in the **history of Western and Mediterranean Art** covering a chronological range from **Late Antiquity to present times**. It is mainly aimed at graduate students who have already earned a Bachelor in the fields of Human Sciences, Arts and Media Studies, Architecture and other related disciplines. Thematically this course alternates more theoretical classes that strengthen student's knowledge or methodological skills in the study of less known sectors of Art history with practically oriented classes whose aim is to provide students with modern working instruments in the same field.

The course enhances student's abilities in the use of IT tools for **personal production, publishing and cataloguing of Cultural Heritage**, as well as knowledge in the fields of bibliographic research, study and criticism of primary or secondary sources. The course will therefore include a wide range of specialized **art-historical classes listed in detail in the annual Manifesto**. Actually these are:

- Archeology and early Christian Art history;
- Foreign language (French, English, Spanish or German);
- Introduction to theory and history of Restoration;
- Iconography and iconology;
- Museology and collecting of applied Arts;
- History of Art criticism;
- History of the contemporary Art;
- History of the medieval Art;
- History of Architecture and its methods of analysis;
- Tools and methods for the digitisation and promotion of Cultural Heritage;

- Theories of Art;
- Museum didactics, promotion and communication;
- History of Art and applied Arts in Sicily and the Mediterranean area.

ARCHITECTURE

MASTER'S DEGREE IN SPATIAL PLANNING University of Palermo

- Location: PALERMO
- Department: ARCHITECTURE
- Teaching language of the course: ENGLISH
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/urban-regional-and-environmental-planning/

The Urban, Regional and Environmental Planning Master Degree is the natural follow-up to the Town Planning and Urban Studies Bachelor Degree programme. It trains experts in urban design and sustainable territorial development. The skills gained through this Master Degree are those required in designing and managing territorial resources, building stock (both historic and contemporary) and complex systems such as landscapes and environments.

Students learn how to become reference figures for urban and territorial transformation policies and projects, acting as mediators between the political sphere, social dynamics and territorial realities. Territorial planners' fields of action range from the safeguarding and promotion of cultural heritage to ecosystem balance protection, from urban regeneration to smart city planning. Students thus become both skilled technicians and social sciences experts.

Graduates are capable of managing, coordinating and elaborating evaluations and strategic environmental and technical feasibility studies on urban and territorial plans and projects. Planners' privileged interlocutors are public and private bodies operating in the field of urban and territorial transformation, infrastructure and transport, landscape and environment. This Master Degree also gives students access to the state examinations for the Agrotechnician, Surveyor Graduate, Agricultural Expert and Industrial Expert professions.

SINGLE-CYCLE MASTER'S DEGREE IN ARCHITECTURE Kore university of Enna

- Location: ENNA
- Department: ENGINEERING AND ARCHITECTURE
- Link to the course website: <https://www.unikore.it/index.php/it/architettura-home>

The course is one-of-a-kind Master's programme based on the European model. It allows to practice the **profession of Architect and Construction Engineer**: the best for those who want to work in the vast field of architecture, ranging from the designing of large infrastructural works to urban systems planning, the designing of interior environments and objects of common use. The course is international, as it provides an **integrated training course with the Universitat Politècnica de Catalunya in Barcelona**.

The University of Enna pays particular attention to the training of architects and allows students to enjoy high-level training, where ample space is given to **practical and laboratory activities in an environment significantly committed to the development of the territory**.

ARTISTIC-EXPRESSIVE FIELD

VISUAL REALITIES, FIRST-LEVEL ACADEMIC DIPLOMA Academy of Fine Arts of Syracuse | MADE Program

- Location: SYRACUSE
- Teaching language of the course: ITALIAN
- Link to the course: <http://madeprogram.it/>

The VISUAL REALITIES course looks at the role that photography and visual representation assume in the current cultural landscape and the possibilities that these have to act as a powerful engine of change.

TRAINING OBJECTIVES

VISUAL REALITIES is a path structured on the founding principles of the MADE Program, declined in the context of visual narration, at the intersection of **graphic design** and **photography, illustration and video**. The course aims to prepare students for new contexts and for the role that the **visual arts** assume in a constantly changing cultural landscape. On one hand, the teaching and the workshops address the issues of identifying and investigating sources which can constitute a source of direct or indirect inspiration for new visual projects; on the other hand, they examine and experiment the dynamics of a definitively globalized society, with the aim of rediscovering and enhancing methods of designing responsible and contemporary narrative systems.

PROFESSIONAL OPPORTUNITIES

The aim of the course is to train young people who are able to dialogue with businesses operating in the sector and with institutions, administrations, public and private companies, contributing to the requalification of the businesses they are called to observe, in their own territory and in distant and different geopolitical contexts.

BIOLOGY

MASTER'S DEGREE IN MARINE BIOLOGY University of Palermo

- Location: PALERMO
- Department: EARTH AND SEA SCIENCES
- Teaching language of the course: ITALIAN
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/marine-biology/

The **Master's Degree in Marine Biology** trains master's graduates with a consolidated cultural background in basic and applied marine biology, with particular reference to the **management and conservation of the environment and of fishery and aquaculture resources**, and to **environment impact assessment**, in the context of climate change, environmental sustainability and blue growth. The period of study is two years (four semesters). The curriculum includes basic subjects such as **marine botany, ecology, microbiology, zoology and geology**, statistics and data analysis, and application subjects such as **fishery and aquaculture, sustainable use of biotic resources, conservation of the marine environment**, environmental impact assessment and biotic indexes.

The activities include lectures, practical exercises (in the field, in the laboratory and in the computer room), educational trips, a practical stage, an internship in a laboratory for the preparation of the thesis. The **final thesis** concerns the **presentation of original experimental outcomes of a research project**, obtained while attending a scientific facility (university or other public or private laboratories, also abroad). Such a well-structured study plan allows students to gain experience in the design and implementation of research activities and environmental assessments.

The master's degree has activated **Erasmus agreements with universities of many European countries** (e.g., France, Lithuania, Spain, Portugal).

The master's graduates can find **employment** at: public and private research centres; public bodies that manage marine protected areas, supervise the monitoring and environmental assessment; scientific consultancies, environmental monitoring companies; public bodies and consultancy companies in the field of fishing, aquaculture and coastal management. Master's graduates can also participate in PhD courses and recognized specializations, necessary for research and management careers, both in the public and private sector.

BIOMEDICAL

COURSE FOR HIGHER TECHNICIAN FOR THE PRODUCTION OF DIAGNOSTIC, THERAPEUTIC AND REHABILITATIVE DEVICES

- Location: PALERMO
- Department: BIOMEDICAL FIELD
- Language of the course: ITALIAN
- Link to the course: <https://www.itsvoltapalermo.it/tecnico-superiore-per-la-produzione-di-apparecchi-e-dispositivi-diagnostici-terapeutici-e-riabilitativi/>

The Higher Technician for the production of diagnostic, therapeutic and rehabilitative devices works in the field of research, design, development, production and maintenance of biomedical devices, and devices for diagnosis, therapy and rehabilitation.

ACTIVITIES

- Ensuring the quality, compliance and safety of systems and devices
- Planning and organization of production processes
- Managing the technical specifications to be applied to ensure the operation of the product Follow the steps to obtain product compliance and certification
- Carry out product testing, technical assistance, after-sales monitoring, collaborating in the promotion and marketing of products

The “Diploma of Higher Technician” is issued by the CABINET of Education and is recognized by the Italian State.

The competences acquired correspond to the **fifth level** of the European Qualifications Framework (EQF).

The course is **biennial**, it is divided into **4 semesters** (2,000 hours) and is structured by skills rather than by subjects. Competence is the ability to make use of what you know to accomplish something. Learning-by-doing, project work, problem solving, design thinking are just some of the most used teaching approaches by ITS.

The teaching staff, at least 60%, is made up of industry professionals made available by companies that collaborate with ITS: they bring into the classroom the skills and technologies they use every day in their work. The rest of the teaching staff comes from the University and the School.

Two tutors follow you and support you both in the classroom and company, throughout your training: they interface with the teachers to speed up and facilitate learning and to align the different interventions.

REQUIREMENTS TO ACCESS TO AN ITS COURSE:

- Diploma in upper secondary education
- Diploma of 4 years of vocational education and training + an annual course IFTS
- Passing the entry test

WHAT ARE ITS?

The **Higher Technical Institutes** are post-high School graduates Institutes, with **high specialization**, created to meet the demand of companies for new and high technical and technological skills.

These are two-year (or three-year) courses that offer highly qualified technical training, to allow you to enter the world of work immediately.

The ITS courses, in fact, are realized in collaboration with enterprises, universities, research centers and local authorities in order to develop new competences in technological areas considered strategic for the economic development and the competitiveness of the Country.

BIOTECHNOLOGY

COURSE FOR HIGHER TECHNICIAN FOR THE QUALITY SYSTEM OF PRODUCTS AND PROCESSES BASED ON BIOTECHNOLOGY

- Location: PALERMO
- Department: AREA “INDUSTRIAL AND ENVIRONMENTAL BIOTECHNOLOGY”
- Language of the course: ITALIAN
- Link to the course: <https://www.itsvoltapalermo.it>

The Higher Technician for the Biotechnological Based Product and Process Quality System works in the chemical, chemical, pharmaceutical, food, environmental and biomaterials sectors for quality management and control.

ACTIVITY

- Control of the application of production procedures
- Management of the selection and supply of raw materials
- Verification of plant functionality
- Application of international, Community and national regulations
- Supporting activities in the acquisition of authorisations necessary for the placing on the market of products

The “**Diploma of Higher Technician**” is issued by the Cabinet of Education and is recognized by the Italian State.

The competences acquired correspond to the **fifth level** of the European Qualifications Framework (EQF).

The course is **biennial**, it is divided into **4 semesters** (2,000 hours) and is structured by skills rather than by subjects. Competence is the ability to make use of what you know to accomplish something. Learning-by-doing, project work, problem solving, design thinking are just some of the most used teaching approaches by ITS.

The teaching staff, at least 60%, is made up of industry professionals made available by companies that collaborate with ITS: they bring into the classroom the skills and technologies they use every day in their work. The rest of the teaching staff comes from the University and the School.

Two tutors follow you and support you both in the classroom and company, throughout your training: they interface with the teachers to speed up and facilitate learning and to align the different interventions.

REQUIREMENTS TO ACCESS TO AN ITS COURSE:

- Diploma in upper secondary education
- Diploma of 4 years of vocational education and training + an annual course IFTS
- Passing the entry test

WHAT ARE ITS?

The **Higher Technical Institutes** are post-high School graduates Institutes, with **high specialization**, created to meet the demand of companies for new and high technical and technological skills.

These are two-year (or three-year) courses that offer highly qualified technical training, to allow you to enter the world of work immediately.

The ITS courses, in fact, are realized in collaboration with enterprises, universities, research centers and local authorities in order to develop new competences in technological areas considered strategic for the economic development and the competitiveness of the Country.

CLASSICAL LANGUAGES AND LITERATURES

BACHELOR'S DEGREE IN HUMANITIES

Kore university of Enna

- Location: ENNA
- Department: CLASSICAL, LANGUAGES AND EDUCATIONAL STUDIES BACHELOR'S DEGREE IN HUMANITIES – KORE UNIVERSITY OF ENNA
- Teaching language of the course: ITALIAN
- Link to the course website: <https://www.unikore.it>

The course addresses the increasing need of education in one of the most characteristics areas of **Italian and international culture**: literature, history, philology, philosophy and expressive arts.

Students can choose between **two areas of specialisation**: the “**Modern**” which doesn't include ancient Greek language and literature but focuses more on modern and contemporary Italian and foreign literature; and the “**Classical**”, addressed to those who want to satisfy their passion for classical languages and literature together with history and archaeology of the entire Mediterranean area.

The first year of the course is similar for both specialisations and the study plan can be personalised for both. Therefore, it is possible to choose History of Cinema, Theatre, Literary Criticism or Philology, Latin or Greek Literature (only in the specialisation in “classical studies”), and other subjects.

MASTER'S DEGREE IN CLASSICAL STUDIES

University of Palermo

- Location: PALERMO
- Department: CULTURES AND SOCIETIES
- Teaching language of the course: ITALIAN
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/classical-studies/

2nd cycle graduates in **Classical Studies** should possess advanced competences enabling them:

- a. to read and translate classical ancient literature thanks to their **consolidated linguistic competence in ancient Greek and Latin**;
- b. to contextualise the classics, applying the methodologies of literary analysis, **linguistic-philological and historical-archaeological sciences**, critically and autonomously analysing the sources;
- c. to interpret, through the use of other knowledge and competences, the fortune and reception of the classics in the Middle, Modern and Contemporary Age;
- d. to have full command of the computer tools for Humanities and of a European Union's language.

Through this course, Students will be able to enhance the previously acquired knowledge, specialising it through an adequate in-depth study and developing their attitude to analysis and research, with respect to philology and classical, medieval and modern literatures, and to diachronic linguistics. During the first year, students will study in-depths and acquire a critical awareness of their core competences, through the study of specific subjects in the **philological, linguistic, literary, historical-archaeological area**; during the second year, they may complete their education in a **more interdisciplinary perspective** and prepare the dissertation for the final exam.

DEPARTMENT OF SINGING

SECOND-LEVEL ACADEMIC DIPLOMA (MASTER'S DEGREE)

Music conservatory "A. Scarlatti" of Palermo

- Location: PALERMO
- Teaching language of the course: ITALIAN/ENGLISH
- Link to the course: <https://conservatoriopalermo.it/corsi/corso-di-diploma-di-secondo-livello-in-canto/>

TRAINING OBJECTIVES

At the end of the studies related to the Second Level Academic Diploma in Singing, students must have acquired the knowledge of techniques and specific skills enabling them to concretely realise their own artistic ideas.

To this end, particular emphasis will be placed on the study of the most representative repertoire, including ensembles and related performance practices, also with a view to developing the student's ability to interact within differently composed musical groups. These objectives are to be achieved also by favouring the development of the perceptive capacity of hearing and memorisation and with the acquisition of specific knowledge of the organisational, compositional and analytical models of music and their interaction.

Specific care must be devoted to the acquisition of appropriate postural and emotional control techniques. At the end of the two-year course, students must have acquired an in-depth knowledge of the stylistic, historical and general aesthetic aspects related to their specific address.

Furthermore, with reference to the specificity of the individual courses, students must possess adequate skills in the field of improvisation. It is also a training objective of the course to acquire adequate competences in the field of computer music as well as those related to a second Community language.

DEPARTMENT OF WIND INSTRUMENTS

FIRST-LEVEL ACADEMIC DIPLOMA (BACHELOR) AND SECOND-LEVEL ACADEMIC DIPLOMA (MASTER'S DEGREE)

Music conservatory "A. Scarlatti" of Palermo

- Location: PALERMO
- Teaching language of the course: ITALIAN/ENGLISH
- Link to the course: <https://conservatoriopalermo.it/course-category/dipartimento-di-strumenti-a-fiato/>

TRAINING OBJECTIVES

The Department of Wind Instruments carries out its main functions in the field of educational coordination, in the organizations of artistic-cultural and research initiatives and includes the Schools of Flute, Oboe, Clarinet, Bassoon, Saxophone, Horn, Euphonium, Trumpet, Trombone and Bass Tuba. The training offer includes courses that start from initial training courses, followed by preparatory courses to finally arrive at the A courses of I and II level academics. The Department organizes Master Classes and Concerts held by the best musicians, Conferences and Seminars with teachers from the academic and university world.

The Department's main organization is to scrupulously follow the technical and interpretative training of the students and also offers them the opportunity to play in various instrumental ensembles, such as the Duo, Trio, Quartet, Quintet and Ensemble and larger groups such as the Saxophone Orchestra and the Great Wind Orchestra, which are regularly presented in public concerts also in important institutional occasions. The overall training course is also aimed at inserting students into the great Symphony Orchestra of the Conservatory.

During these experiences, students often have the opportunity to play alongside the teachers, with a view to a dynamic didactic-training project aimed at increasing the professional experience of the students.

BACHELOR'S DEGREE IN ECONOMICS AND MANAGEMENT Kore University of Enna

- Location: ENNA
- Department: ECONOMICS AND LEGAL SCIENCES
- Teaching language of the course: ITALIAN
- Link to the course website: <https://www.unikore.it/index.php/it/presentazione>

The course aims to form professionals able to spend their knowledge in an increasingly complex socio-economic environment, ready to enter the various sectors of the **economic and financial market**. Didactic activities give ample space to meetings with prominent figures of finance, economics, production and corporate management.

The core subjects are: **marketing, entrepreneurship, business planning, big data, artificial intelligence for business, behavioural economics.**

Economics and management graduates can continue their studies at Kore university of Enna with the master's degree in Economics and Business Management

MASTER'S DEGREE IN BUSINESS ECONOMIC SCIENCES University of Palermo

- Location: PALERMO
- Department: ECONOMICS, BUSINESS AND STATISTICAL SCIENCES
- Teaching language of the course: ENGLISH
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/business-administration-sciences/

The **Master's Degree in Economic and Business Sciences (LM77)** aims to provide advanced knowledge and skills, **both theoretical and applicative**, in the **business, economic, mathematical-statistical and legal fields**. These skills are meant to be adequate for an advanced understanding of structures, functions, processes and systems concerning all macro-classes of companies (private, public, non-profit, belonging to the primary, secondary and tertiary sectors), as well as their management and governance.

The Master's Degree Course in Economic and Business Sciences (LM77) provides for the acquisition of the ability to apply the knowledge and skills acquired through a systematic comparison with different business situations, cases, meetings and testimonies with entrepreneurs, managers and professionals, company visits and laboratory activities, in collaboration with the Contamination Lab and the Business Incubator of the University of Palermo, internships and traineeships (with over 2,000 affiliated companies).

The Master's Degree Course in Economics and Business Sciences (LM77) is divided into **three curricula: Strategic governance of business systems; Business control and information; Entrepreneurship and Management. This last curriculum is entirely in English** and provides for the possibility of a **double degree with the University of Dubrovnik (Croatia)**, where students will attend the courses of the second semester of the first year at the partner university institution with a minimum mobility of 6 months (for a minimum of 30 ECTS credits), with the possibility of carrying out an internship abroad. At the end of the course, students will obtain a double degree: Master's Degree in Economic and Business Sciences (University of Palermo) and Master's Degree in Business Economics & Marketing (University of Dubrovnik).

The specific educational objectives of the Master's Degree Course in Economics and Business Sciences (LM77) are listed below:

- acquisition of the **scientific methods and contents of the business, economic, mathematical-statistical and legal fields**, necessary for an advanced knowledge of companies of all classes, according to a dynamic interaction with the respective conditions of existence, from establishment to termination, and ordinary and extraordinary events of operation;
- development of the necessary in-depth economic-business knowledge in relation to its possible applications to all macro-classes of companies (private, public and non-profit), according to sectors (industrial, commercial, services, and public administration), size (small, medium and large), technological development (underdeveloped, developed, advanced), etc., with an overall orientation to change and development according to international and multicultural perspectives;

- acquisition of professional skills for employment opportunities as employees and self-employed professionals in the administrative macro-areas of organization, management, survey and governance and in the respective functional sub-areas, aiming at highly qualified roles with managerial and strategic responsibilities;
- to use fluently, in written and oral form, at least one language of the European Union in addition to Italian, with reference also to disciplinary lexicons.

The educational objectives of the Master's Degree Course in Economics and Business Sciences (LM77) foster advanced knowledge which can be continued in subsequent higher training (Second Level Master's Courses and Ph.D. Programmes). What is more, students acquire skills for advanced segments of the **labour market**, also through continuous monitoring of quality and constant interaction, in view of the paramount consideration dedicated to the quality of study programmes and the overall social and institutional interest.

DATA SCIENCE, 2ND CYCLE **University of Catania**

- Location: **CATANIA**
- Department: **ECONOMICS AND BUSINESS**
- Teaching language of the course: **ENGLISH**
- Course delivered online: **NO**
- Link al corso: <https://www.dei.unict.it/corsi/lm-data>

With its interdisciplinary vocation, the course aims to develop an in-depth knowledge with regards to:

- structured and unstructured **data collection, processing, compression, filing, security**;
- the most **common programming languages for data analysis**;
- **statistical learning** and **statistical analysis** of data;
- machine learning, neural computing and deep learning;
- **database design**, also with reference the special features of “Big Data”.

EDUCATIONAL AIMS

Graduates will be able to:

- actively communicate with experts in various fields by providing focused and competent data analysis for every application, such as in scientific, technological or business fields;
- design processes of collection, clearing, filing and efficient, safe use of data; also with reference to “Big Data”;
- correctly and accurately communicate results of data analysis performed by means of advanced tools, such as programming languages, graphic and interactive platforms.

JOB OPPORTUNITIES

The graduates of the course will develop a specifically quantitative attitude to the analysis of scientific, economic, managerial, social and health phenomena. They will be able to work in interdisciplinary teams and discuss the results of data analysis with the end-users. They will be fully aware of the ethical principles involved in the collection, storage and use of personal data and information. A specific training function, during the Course, will address opportunities of collaboration and mentoring in companies or, more generally, in institutions and organizations, where data collection and analysis has a crucial role.

MASTER'S DEGREE IN ECONOMIC AND FINANCIAL SCIENCES **University of Palermo**

- Location: **PALERMO**
- Department: **ECONOMICS, BUSINESS AND STATISTICAL SCIENCES**
- Teaching language of the course: **ENGLISH**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/economic-and-financial-sciences/

The objective is to train economists, capable of **describing and explaining economic phenomena at system as well as at market level**, with a focus on understanding the interactions between economics and finance. This professional figure will be able to **operate as a middle manager both in the private and public sectors**. Master's graduates will be able to use the **tools of financial analysis** and the **specific knowledge of public policy and applied economics issues**, with particular reference to the phenomena related to economic and regional development.

The course aims at providing students with the analytical and quantitative tools needed for modern economic analysis and, at the same time, the indispensable knowledge of the institutional issues influencing and driving markets dynamics. In this sense, graduates in Economic and Financial analysis will be able to **examine individual decision-making processes, interpret and forecast economic and financial changes at the micro and macro levels.**

MASTER'S DEGREE IN BUSINESS CONSULTING AND MANAGEMENT (CURRICULUM IN INTERNATIONAL MANAGEMENT)

University of Messina

- Location: MESSINA
- Department: ECONOMICS
- Scientific coordinator: **PROF. GIOVANNA CENTORRINO** - giovanna.centorrino@unime.it
- Duration: 2 YEARS
- Link to the course: <https://www.unime.it/didattica/corsi-di-laurea-magistrale/consulenza-e-gestione-di-impresa>

PROGRAMME OVERVIEW

The course is focused on the main international issues involving management activities in the business world. It mainly focuses on studies in the areas of management and business economics integrated with quantitative and juridical knowledge. Students will acquire the required interdisciplinary knowledge and ability to understand and implement the policies and strategies that firms are called on to put in place in an international environment. The programme is particularly suitable for students who have earned a business or finance-related undergraduate degree and are now looking for a specialisation in the international management area. A double degree programme is available from the Faculty of Management at the University of Science and Technology of Cracow (Poland).

MINIMAL ENTRY REQUIREMENTS

Admission will be granted to the candidates having a Bachelor's degree that includes the following:

- 34 ECTS in the Business/Management area;
- 24 ECTS in the Economic area;
- 24 ECTS in the Juridical area;
- 22 ECTS in the Mathematics/Statistics area.

The course commission will evaluate the candidate's curriculum for admission.

LANGUAGE REQUIREMENTS

International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B1 level of the Common European Framework of Reference.

STUDY PROGRAMME

Year 1 Total quality management; Quantitative methods in management; Management control; International accounting and auditing standards; English B2; Strategic management; Business valuation; International public policy.

Year 2 Entrepreneurship and innovation; Sustainability management; Corporate finance; Traineeship; Free course; International marketing; International business law; Thesis.

INTERNATIONAL OPPORTUNITIES

UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year. Another opportunity for students is the UniME Funded programme 'Students Around the World' (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.

TUITION FEES

A fixed fee (€ 156.00) and a remaining amount of tuition calculated on the basis of a sliding scale. For further information go to <https://international.unime.it/studying/fees-and-fundings>.

MASTER'S DEGREE IN ECONOMICS AND BUSINESS ADMINISTRATION (TWO-YEAR PROGRAMME)

Kore university of Enna

- Location: ENNA
- Department: ECONOMICS AND LEGAL SCIENCES
- Teaching language of the course: ITALIAN
- Link to the course website: <https://www.unikore.it/index.php/it/home-econ-direzione-impres>

The course aims to form graduates endowed with strong theoretical and methodological bases for the **direction and control management of institutions and companies** and represents the natural extension of a bachelor's degree in the economics and business management sector. However, it doesn't exclude access, also from other training paths, by remedying general shortcomings in specific areas of knowledge. The path foresees in-depth study of economic and managerial subjects, **business and human resources management, international economics and economy applied to the production sectors** and also the study of mathematics-statistics sciences in support of company decisions. The educational offer is completed by legal disciplines and relating activities.

MASTER'S DEGREE IN TOURISM SYSTEMS AND HOSPITALITY MANAGEMENT University of Palermo

- Location: PALERMO
- Department: ECONOMICS, BUSINESS AND STATISTICAL SCIENCES
- Teaching language of the course: ENGLISH
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/tourism-systems-and-hospitality-management/

The master's degree programme in **Tourism Systems and Hospitality Management (LM-49)** aims to provide the strategic skills necessary for the **development of tourism systems and hospitality management**, paying particular attention to the coordination and integration between public territorial resources, private resources, and the third sector.



The course of study also aims to analyse and teach about local contexts; plan and technically manage intervention projects and local tourism development projects; **promote the communication necessary for the development and sustainable management of tourism systems, hospitality and Eno-gastronomy**; disseminating advanced socio-economic research methods to analyse the various components of the tourism system from the demand and supply perspectives.

The **internationalization of the educational offer** and of students' participation is a pivotal aspect of the course.

The master's degree course was born from an **agreement** between the **University of Palermo and the Chaplin School of Tourism and Hospitality Management of Florida International University (FIU)** in Miami, Florida, USA.

The course helps graduates to prepare their career in the tourism and hospitality sector in the logic of global competition, developing the essential skills for managerial-level positions including advanced marketing skills, strategic vision, high-level management skills in line with the most innovative principles of economic, social and environmental sustainability. The student will develop core business skills in areas such as financial planning, hospitality management and territorial marketing, in a culturally diverse context.

PUBLIC, CORPORATE AND ADVERTISING COMMUNICATION **University of Palermo**

- Location: **PALERMO**
- Department: **CULTURES AND SOCIETIES**
- Teaching language of the course: **ITALIAN WITH SOME SEMINARS IN ENGLISH**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/public-corporate-and-advertising-communication/

The 2nd cycle degree course focuses upon the **management of communication in public, private and third sector organisations**, the activity of advertising agencies, the definition and management of business corporate image at various levels, both in public administration and political institutions. The educational programme is centred on both activities related to **public and business communication, and to social, computer and language-related subjects**, and on other educational activities aiming at completing the knowledge of communication science through the study of complementary human sciences (Italian Linguistics, Comparative Literature, Political Philosophy).

The course aims at educating professionals who will enter the labour market endowed with high theoretical-methodological competences enabling them to **produce good communication products and successful promotional campaigns**. These grounded on a solid theoretical basis and well-articulated campaigns are directed towards companies, advertising companies, public bodies and agencies, as well as political institutions. A particular attention is paid to advertising and communication products, and the course provides the tools for ideating and carrying out advertising campaigns, events, and press and public relations services. The teaching of advertising techniques takes into account all aspects, from graphic to linguistic ones. The course also provides the tools for the **definition and organisation of the corporate image of public administrations and political institutions**.

In terms of **internationalization activities**, the course has various Erasmus **bilateral agreements**, with European Universities, such as: the **Universidad Complutense de Madrid** and the **University of Sevilla** in Spain; the **Universities of Postdam and Amburg** in Germany, and the **University of Wroclaw** in Poland, to mention but a few. Moreover, the course established a **Double degree agreement with the University of Tunisi El Manar**, allowing students to carry out part of their university career at the University of Palermo and the other at the University of Tunis El Manar.

SOCIAL WORK **University of Palermo**

- Location: **PALERMO**
- Department: **CULTURES AND SOCIETIES**
- Teaching language of the course: **ITALIAN FOR THE SOCIAL WORK PROGRAMME – ITALIAN/ENGLISH FOR THE SOCIAL WORK AND SOCIAL POLICIES PROGRAMME**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/social-work/

SOCIAL WORK

The aim of the Bachelor's degree programme in social work is the training of the **professional figure of the social worker**, a **professional operator** capable of reading critically, reflexively and autonomously the **dynamics and social processes that characterize the territory in which he/she operates**. This professional is skilled to plan adequate interventions in

order to face up to the challenges that companies might face and, to carry out his/her activity in the sphere of **public and private Social Services**, taking into account the operating methods of the organizational system in which he/she operates. The training path gives crucial importance to the internship activities which are carried out at institutions or services affiliated with the University of Palermo.

SOCIAL WORK AND SOCIAL POLICIES

The Bachelor's degree programme in Social work and Social Policies aims to train professional figures capable of **carrying out social analysis of the territory and to exercise management roles in public administrations and private or third sector organizations**, in Italy and abroad, operating in social services or more generally in processes of social development or human and community promotion.

The approach is **interdisciplinary**, with particular attention to the disciplines aimed at understanding social processes and the functioning of local authorities; great attention is paid to main issues, such as **construction of social policies, organizational management problems, coordination and organization of interventions in the territory, coordination and management of cooperation and third sector organizations**. Students are introduced also to knowledge and skills targeted to international career in non-governmental organizations in the humanitarian field, in community development projects and in the interventions regarding migratory flows in Italy and abroad.

VOCATIONAL MASTER'S DEGREE IN BANKING AND FINANCE University of Messina

- Location: MESSINA
- Department: ECONOMICS
- Scientific coordinator: PROF. MARINA DOLFIN - mdolfin@unime.it - masterebf@unime.it
- Duration: 1 YEAR
- Link to the course: <https://www.unime.it/didattica/post-laurea/master-e-corsi-di-perfezionamento/economia-bancaria-e-finanziaria>

PROGRAMME OVERVIEW

This programme provides students with the knowledge and skills appropriate to careers in the banking, financial and corporate sectors. Graduates can work as financial investors, stock brokers, commercial banking and corporate finance. The Vocational Master in Banking and Finance will enable students to acquire the knowledge necessary to professionally manage and advise on assets of any amount. The course is aimed at both professionals in the financial sector and graduates without experience wanting to work in: banking and financial markets; asset portfolio management; investment consultation. After completing the course, students have the possibility to enter the second year of the Master's degree programme in Economics & Finance.

MINIMAL ENTRY REQUIREMENTS

Students should hold at least a three-year undergraduate degree in any subject.

LANGUAGE REQUIREMENTS

International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B1 level of the Common European Framework of Reference.

STUDY PROGRAMME

The course is structured in three terms.

First term (October-December): pre-courses in mathematics and statistics and English for business.

During the second term (January-July) students will attend 8 core courses:

1. Advanced mathematics for economics and finance
2. Econometrics for finance
3. Corporate finance
4. Investment management
5. Applied financial econometrics
6. Banking regulation
7. Macro-Finance
8. Asset and risk management

At the end of each module, students will sit a written examination.

INTERNATIONAL OPPORTUNITIES

UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year.

Another opportunity for students is the UniME Funded programme 'Students Around the World' (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.

TUITION FEES

€ 2,500 payable in 5 instalments.

VOCATIONAL MASTER IN FOOD, QUALITY AND INTERNATIONAL MANAGEMENT University of Messina

- Location: MESSINA
- Department: ECONOMICS
- Scientific coordinator: **PROF. GIUSEPPE IOPPOLO** - giuseppe.ioppolo@unime.it
- Duration: **1 YEAR**
- Link to the course: <https://www.unime.it/didattica/post-laurea/master-e-corsi-di-perfezionamento/food-quality-and-international-management>

PROGRAMME OVERVIEW

The Master in Food, Quality International Management provides students with the knowledge and skills appropriate to an international career in the management of the entire agri-food chain through an exclusively developed techno-managerial approach. This one-year Master gives students the chance to become experts in the food industry by drawing from both social and life sciences. The Vocational Master covers food quality, quality management, quality policy, business strategy and innovation tools. The Master includes a specific teaching program, with contributions from experts and brand leaders to promote understanding of the excellence of the Italian food and wine and agri-food system, linking it to the principles of economics and competitiveness. After completing the course, students have the possibility to enrol in the UniME Master's Degree in International Management programme.

MINIMAL ENTRY REQUIREMENTS

Students should hold at least a three-year undergraduate degree in any subject.

LANGUAGE REQUIREMENTS

International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B2 level of the Common European Framework of Reference.

STUDY PROGRAMME

The Vocational Master's Degree in Food, Quality and International Management is a practical and dynamic program that offers 60 ECTS. The programme is divided into 6 key areas (January-July)

1. Economics Section (6 ECTS)
2. Management Section (10 ECTS)
3. Marketing Section (10 ECTS)
4. Sustainability Section (4 ECTS)
5. Digital Section (6 ECTS)
6. Quality & Safety Section (12 ECTS).

At the end of each module, students will participate in a written examination. Second term students (August-December) will prepare their final dissertation under the supervision of an academic staff member. In addition, they will be required to do an internship either in a public or private company that supports the Master. The Master is officially sponsored by high-profile national and transnational companies that provide students with traineeship opportunities worldwide.

INTERNATIONAL OPPORTUNITIES

This one-year vocational master's degree course consolidates knowledge in Quality and International Management in the Food Supply Chain, combining economics, strategic planning and digital skills. Students acquire a strong background in category management, ISO standards for quality and traceability, and marketing management within an international environment, which enables them to work as professionals in various food areas in the private and public sectors. After

receiving the Food, Quality and International Management qualification, students may complete their knowledge with the Master's Degree programme in International Management. This one year master degree course consolidates knowledge in Quality and International Management in the Food Supply Chain, combining economics, strategic planning and digital skills. Students acquire a strong background in category management, ISO standards for quality and traceability, and marketing management within an international environment, which enables them to work as professionals in various food areas in the private and public sectors. After receiving the Food, Quality and International Management qualification, students may complete their knowledge with the Master's Degree programme in International Management.

TUITION FEES

€ 3,500 payable in 3 instalments.

ENGINEERING

AUTOMATION ENGINEERING AND CONTROL OF COMPLEX SYSTEMS, 2ND CYCLE **Università degli Studi di Catania**

- Location: CATANIA
- Department: ELECTRICAL, ELECTRONIC AND COMPUTER ENGINEERING
- Teaching language of the course: ENGLISH
- Course delivered online: NO
- Link to the course: <https://www.dieei.unict.it/en/courses/lm-25/course-overview>

COURSE OUTLINE

The master degree course in Automation Engineering and Control of Complex Systems is a two-years course, organised into 4 semesters. It is finalised to prepare high level professionals able to pursue technological innovation within industries as well as in public/private research laboratories.

The course is held in English.

EDUCATIONAL AIMS

It aims to provide students a deep knowledge of the fundamentals of technical as well as scientific aspects of the disciplines which characterise the field of Automation Engineering, enabling them to easily follow technological innovation in the industries as well as in public and/or private research institutes. Besides, the course will provide both a suitable design ability devoted to the development of traditional techniques and a capability to face with novel problems in emergent scenarios. Automation Engineer is unique for a deeper understanding of the problems in Industrial Engineering. These are finalised to the analysis, design of the automation system, of its components and of the related control laws.

Thus, the course aims at the deepening of the processes and methodologies concurring to the modelling and design of control and automation systems and to their components through the acquisition of knowledge of technological processes, of the advanced design techniques, of the computer aided design.

The Automation Engineer will therefore find professional employment in enterprises dealing with automatic or robotic systems, and in those ones developing products with high technological contents, integrating computing devices, measurement, transmission and actuation components.

The overall teaching objectives of the course are to provide enough flexibility to the students to allow re-conversion among the multiple application sectors where Automation is involved, even following the peculiar technological process or the changed working conditions. To this purpose the course endows the students with analysis and design capabilities in the most innovative fields, based on the most updated instruments.

The teaching path develops giving large importance to the characterising disciplines (Automation; Converters, Electrical Machines and Electrical Drives, Mechanics Applied to Machines). The student learns and improves his knowledge on automatic systems, control, dynamic system modelling in general and in particular for electric, complex, environmental, economic systems, biologic systems and industrial processes.

Particular emphasis is given to the study and design of mechatronic systems and industrial and service robotics. The teaching path contains a large contribution of non-characterising activities, allowing from the one side the dialog with other affine sectors (Electronics, Measurements, Computer Science) and from the other side the enlargement of the knowledge towards relevant or even emerging field (ex. Bioengineering, Biorobotics Complex Systems).

For several subjects a significant part of time is devoted to practical and laboratory experiences (above all for the subjects with high design content) in such a way as to allow the student to consolidate on the field the theoretical knowledge acquired.

JOB OPPORTUNITIES

The Automation Engineer will find professional employment in enterprises dealing with automatic or robotic systems, and in those ones developing products with high technological contents, integrating computing devices, measurement, transmission and actuation components.

PROFESSIONAL OUTLETS

- Electrical and industrial automation Engineers
- Computer systems and peripherals designer
- Biomedical engineers and Bioengineers

BACHELOR'S DEGREE IN AERONAUTICAL ENGINEERING Kore university of Enna

- Location: ENNA
- Department: ENGINEERING AND ARCHITECTURE
- Teaching language of the course: ITALIAN
- Link to the course: <https://www.unikore.it/index.php/it/ingegneria-aerospaziale-home>

The degree course is the only one in Sicily and from south of Naples and combines **industrial and physical training** with that relating to **aeronautical infrastructures**, and therefore to the full spectrum of transport engineering. The course is particularly suitable for all those who plan to work, at different levels of coordination and operation, in the world of **aero-nautics, transport logistics and aerospace engineering**.

Thanks to the Italian Civil Aviation Authority's (ENAC) recognition, the common European aircraft maintenance license is issued as part of the degree course in Aerospace Engineering at the University of Enna. This licence can be issued only by Kore university in Enna, Sapienza university in Rome and the Polytechnic in Turin. The degree in Aerospace Engineering allows, in compliance with the relevant regulations, access to section B of the Register of Engineers.

BACHELOR'S DEGREE IN CIVIL ENGINEERING University of Messina

- Location: MESSINA
- Department: ENGINEERING
- Scientific coordinator: PROF. ORAZIO PELLEGRINO - orazio.pellegrino@unime.it
- Duration: 3 YEARS
- Link to the course: <https://www.unime.it/didattica/corsi-di-laurea-triennali-e-ciclo-unico/ingegneria-civile>

PROGRAMME OVERVIEW

The Bachelor course in Civil Engineering aims to form graduates with a theoretical background of basic sciences as well as with operative skills suitable for practice, including design, manufacturing, maintenance, and project management in different fields of civil engineering. Traditional subjects are combined with advanced and up-to-date methods and tools compliant with modern technical regulations. The course comprises three years: - the first year is a foundation year aimed to transfer the fundamental knowledge in the field of mathematics, chemistry, physics, and graphical representation. - the second year encompasses advanced principles of calculus to complete the fundamental knowledge, followed by more professional subjects related to constructions, environmental engineering, technology, and territory. - The third year is mainly dedicated to problems at a territorial scale, such as the design of infrastructures in a BIM environment, the hydraulics of natural systems, foundations and retaining structures and the seismic response of the structures. The classes also include: laboratory exercises, aimed at the knowledge of experimental methods; practical activities oriented to analysis and problem-solving, to knowledge of infrastructures, systems, and facilities, as well as natural and anthropic phenomena and processes. Training activities (internships) are carried out in public or private companies through suitable international programs as well.

MINIMAL ENTRY REQUIREMENTS

A foreign certified qualification demonstrating 12 years of study as equivalent to an Italian secondary school diploma.

LANGUAGE REQUIREMENTS

International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B2 level of the Common European Framework of Reference.

STUDY PROGRAMME

Civil Engineering class degree (L-7)

YEAR 1

Linear Algebra and Geometry; Chemistry and Materials Technology; Mathematical Analysis I; Physics; Architectural Drawing; Surveying and data processing; Foreign Language from European countries different from English and native language; Subject chosen by the student.

YEAR 2

Mathematical Analysis II; Circuit Theory; Rational mechanics; Building Construction; Structural mechanics I; Technical physics and building energy systems; Subject chosen by the student.

YEAR 3

Track Design of Civil Structures; Fundamentals of geotechnical engineering; Structural mechanics II; BIM for highway planning; Fundamentals of hydraulics of natural systems; Foundations and retaining structures; Seismic analysis of structures; Structural design; Internship Stages; Final Project.

INTERNATIONAL OPPORTUNITIES

UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year. Another opportunity for students is the UniME Funded programme 'Students Around the World' (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.

TUITION FEES

A fixed fee (€ 156.00) and a remaining amount of tuition calculated on the basis of a sliding scale. For further information go to <https://international.unime.it/studying/fees-and-fundings>

BACHELOR'S DEGREE IN CIVIL AND ENVIRONMENTAL ENGINEERING Kore university of Enna

- Location: ENNA
- Department: ENGINEERING AND ARCHITECTURE
- Teaching language of the course: ITALIAN
- Link to the course: <https://www.unikore.it/>

The course makes use of cutting-edge laboratories endowed with exceptional tools and facilities which are constantly used by the most important public agencies for environmental control. The flagship is the laboratory of sanitary and environmental engineering which is in charge of the de-pollution and renaturation of the main industrial areas of Sicily. Other laboratories allow students to acquire both theoretical and practical competences in the area of monitoring, evaluation and environmental protection, thus adding value to the title of study achieved in Enna.

The degree allows, in compliance with the relevant regulations, access to section B of the Register of Engineers, and to continue the studies for the achievement of the master's degree in all civil engineering courses.

BACHELOR'S DEGREE IN COMPUTER ENGINEERING Kore university of Enna

- Location: ENNA
- Department: ENGINEERING AND ARCHITECTURE
- Teaching language of the course: ITALIAN
- Link to the course website: <https://www.unikore.it/index.php/it/ingegneria-informatica-home>

The course aims at forming a professional figure capable to understand, design, realise and manage information technology systems able to face up to modern society's challenges. The didactic rganizedon is rganizedon by the acquisition of strong general knowledge (in maths and physics) and full thorough knowledge of specific subjects. Students will be given the opportunity to understand core issues of information technology such as **data structures, algorithms, data bases, programming languages** (basic and advanced) **electronic calculators and calculator networks**, and at a further stage deepen the issues posed by the new challenge of cybersecurity, machine learning, and artificial intelligence.

The degree allows access to second-cycle studies (master's degree) and first-level university master courses, and registration in the Register of Engineers, section B, sector C (information technology), upon passing the state exam.

BUILDING ENGINEERING, INNOVATION AND RESTORATION University of Palermo

- Location: **PALERMO**
- Department: **ENGINEERING**
- Teaching language of the course: **ITALIAN**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/building-engineering-innovation-and-restoration/

The training path is organized in three years and foresees a flexible path which can be more focused on **specific aspects of engineering** (first path); or on **architecture** (second path). As far as the first path is concerned, in the **first year**, students learn the **basic language of engineering and study maths physics, technical and compositional architecture, and history of architecture**. In the **second year**, the basic training acquired during the first year is **completed and students acquire specific languages of construction engineering**, including water plant engineering, technical plants engineering, structures, urban planning and topography. In the **third year**, the students learn about **construction engineering**, and in particular, structural design of new and existing buildings.

In the third year, the training is completed with two elective courses with which it is possible to deepen the themes of urban planning legislation and public works and/or plants and/or viability of residential areas and/or project management and/or restoration. The second path differs from the first for the introduction of courses with a greater architectural/urban planning orientation. In particular, the credits to be allocated to history of architecture and architectural design are increased. In the third year, training is completed with two elective courses as in the case of the first course path. The training is completed by activities pursuant to ex Article 10 and the final work which contribute, together with all the other subjects, to perfect interpersonal and contextual skills in organized group activities.

COMMUNICATIONS ENGINEERING, 2ND CYCLE Università degli Studi di Catania

- Location: **CATANIA**
- Department: **ELECTRICAL, ELECTRONIC AND COMPUTER ENGINEERING**
- Teaching language of the course: **ENGLISH**
- Course delivered online: **NO**
- Link to the course: <https://www.dieei.unict.it/courses/lm-27>

COURSE OUTLINE

The two-year Master's Degree Course in Communications Engineering is aimed at training high-level professional figures, capable of pursuing technological innovation within industries as well as public and / or private research laboratories. Telecommunications Engineering integrates the knowledge in the Electronic and Computer Engineering sector acquired in the first level degree programs with a specific knowledge and understanding of the system and technological aspects inherent to the design, integration, management, and optimization of the numerous components of a telecommunications system. To this end, the master's degree Course in Communications Engineering aims to ensure to the students basic and applicative skills, necessary for the design, construction and operation of equipment, systems and services. The course is held in English.

EDUCATIONAL AIMS

Students will acquire:

- knowledge of digital signal processing,
- propagation for the design of antennas,
- information transmission and transport techniques for the construction and planning of telecommunication systems and networks (from the Internet to communication systems wireless and optical),
- numerical processing for the processing of monomedial and multimedia digital signals, technologies for the development and management of advanced telematic applications and services.

ELECTRONICS AND TELECOMMUNICATIONS ENGINEERING University of Palermo

- Location: PALERMO
- Department: ENGINEERING
- Teaching language of the course: ENGLISH
- Course delivered online: YES
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/electronics-and-telecommunications-engineering-2/

The course aims to train professionals with specific skills in the design, management and optimization of distributed electronic systems, telecommunications networks, and related services, especially with regard to emerging cellular networks and the Internet of Things. The course is taught entirely in English and is organized in on-line mode, following the most established models for distance learning, with the integration of didactic lessons (content prepared by teachers for use in asynchronous mode) and interactive lessons (with guided interactions with teachers / tutors and students).

The training course provides: (i) advanced skills in Electronics (design of programmable electronic systems, electronic circuits for radio frequency applications, instrumentation and measurements, numerical processing and transmission systems); (ii) skills for modern telecommunications systems (from fiber optics, to 5G/6G networks, to new communication bands from microwaves to TeraHertz); (iii) skills in network systems and services, with particular attention to protocols and security for IoT systems. Internship activities are offered through appropriate agreements with interested companies.

Graduates can find jobs in public and private companies in ICT, industrial and manufacturing services, research and higher education institutions. Typical careers include: companies producing electronic products and equipment; manufacturing and service companies using electronic technologies and network infrastructures; fixed and mobile network operators; companies operating in the telematics and multimedia network sectors, e.g. Internet services, telemedicine and remote surveillance; public and private companies providing terrestrial or space telecommunications services; public administrations; national and international scientific and technological research bodies; regulatory and control bodies.

ELECTRICAL ENGINEERING FOR SUSTAINABLE GREEN ENERGY TRANSITION, 2ND CYCLE University of Catania

- Location: CATANIA
- Department: ELECTRICAL, ELECTRONIC AND COMPUTER ENGINEERING
- Teaching language of the course: ENGLISH
- Link to the course: NO
- Link to the course: <https://www.dieei.unict.it/en/courses/lm-28>

The master degree in **Electrical Engineering** has as its main objective the education of high-profile professional figures able to cope with all issues relating to the **production, distribution and efficient use of electrical energy**. Particular attention is devoted to the broadening of primary energy sources, the energy conversion and the control of electrical systems. The Master Degree in Electrical Engineering will learn how:

- formulating mathematical models of components and / or processes for the production, transmission and use of electrical energy;
- to analyze complex problems in the field of electrical engineering and to formulate innovative solutions;
- to develop projects of electrical plants both in industrial and civil fields, also using the methodologies of the automation;
- to design and use power electronics converters, machines and electrical drives;
- to design and supervise the realization of systems for the generation of electrical energy from both conventional and alternative sources;
- to be able to work as a team in order to design systems that require a multidisciplinary approach.

The course is articulated giving great emphasis to the characterizing topics (Electrotechnics, Electrical Systems, Electric Machines, Electrical Measures). In these courses, the students learn and strengthen the **knowledge** about the **electromagnetic fields and circuits, operation of machines and electrical systems, materials** for electrical engineering, planning and operation of electrical energy systems, **electronic and laboratory instrumentation**, power electronics, industrial automation. In many course lessons, a significant part of the lesson is devoted to practical and laboratory experiences (especially in design-devoted courses), so that the student can consolidate the **theoretical knowledge** gained through **tests and**

experiments. Candidates for the Master Degree in Electrical Engineering will have to test their skills by writing a thesis to be carried out autonomously, following the tutor directives, which may cover topics of a theoretical or applicative nature within the disciplines characterizing the Master.

The course includes the double degree program with the University of Žilinská univerzita v Žiline (Slovakia).

MASTER'S DEGREE IN AUTOMATION ENGINEERING AND CONTROL OF COMPLEX SYSTEMS

University of Catania

- Location: CATANIA
- Department: **ELECTRICAL, ELECTRONIC AND COMPUTER ENGINEERING**
- Teaching language of the course: **ENGLISH**
- Course delivered online: **YES** (for academic years 2019-20 and 2020-21)
- Link to the course: <http://www.dieei.unict.it/it/corsi/lm-25/presentazione-del-corso>

The master degree course in Automation Engineering and Control of Complex Systems is a two-years course, organized into 4 semesters. It is organized to prepare **high level professionals able to pursue technological innovation within industries as well as in public/private research laboratories.**

The course is held in English.

EDUCATIONAL AIMS

It aims to provide students a deep knowledge of the fundamentals of technical as well as scientific aspects of the disciplines which are organized in the field of **Automation Engineering**, enabling them to easily follow **technological innovation in the industries** as well as in public and/or private research institutes. Besides, the course will provide both a suitable design ability devoted to the development of traditional techniques and a capability to face with novel problems in emergent scenarios.

Automation Engineer is unique for a deeper understanding of the problems in Industrial Engineering. These are organized to the **analysis, design of the automation system**, of its components and of the related control laws.

Thus, the course aims at the deepening of the processes and methodologies concurring to the modelling and design of control and automation systems and to their components through the **acquisition of knowledge of technological processes**, of the advanced design techniques, of the computer aided design.

The **Automation Engineer** will therefore find **professional employment in enterprises dealing with automatic or robotic systems**, and in those ones developing products with high technological contents, integrating computing devices, measurement, transmission and actuation components.

The overall teaching objectives of the course are to provide enough flexibility to the students to allow re-conversion among the multiple application sectors where Automation is involved, even following the peculiar technological process or the changed working conditions. To this purpose the course endows the students with analysis and design capabilities in the most innovative fields, based on the most updated instruments.

The teaching path develops giving large importance to the organized disciplines (Automation; Converters, Electrical Machines and Electrical Drives, Mechanics Applied to Machines). The student learns and improves his knowledge on automatic systems, control, dynamic system modelling in general and in particular for electric, complex, environmental, economic systems, biologic systems and industrial processes.

Particular emphasis is given to the study and **design of mechatronic systems and industrial and service robotics**. The teaching path contains a large contribution of non-characterising activities, allowing from the one side the dialog with other affine sectors (Electronics, Measurements, Computer Science) and from the other side the enlargement of the knowledge towards relevant or even emerging field (ex. Bioengineering, Biorobotics Complex Systems).

For several subjects a significant part of time is devoted to **practical and laboratory experiences** (above all for the subjects with high design content) in such a way as to allow the student to consolidate on the field the theoretical knowledge acquired.

JOB OPPORTUNITIES

The Automation Engineer will find professional employment in enterprises dealing with automatic or robotic systems, and in those ones developing products with high technological contents, integrating computing devices, measurement, transmission and actuation components.

PROFESSIONAL OUTLETS

- Electrical and industrial automation Engineers
- Computer systems and peripherals designer
- Biomedical engineers and Bioengineers

MASTER'S DEGREE COURSE IN BUILDING ENGINEERING University of Palermo

- Location: PALERMO
- Department: ENGINEERING
- Teaching language of the course: ITALIAN
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/building-engineering/

The course aims at training a high-level professional with in-depth knowledge of **historical and technical-scientific features of the buildings**, the **construction process**, **building rehabilitation and restoration** and the **control of the construction cycle**. Particular attention will be devoted to problem identification and their appropriate design solutions, taking into account the continuous evolution of the sector, in order to enhance the quality of the buildings.

The course aims at training professional engineers able to work autonomously and efficaciously in the following fields:

- design of complex building systems, specifically regarding the technological, structural and environmental quality characteristics, with particular attention to wellbeing, service life and issues related to energy, environmental impact and seismic safety;
- rehabilitation, restoration, maintenance and management of existing and historic buildings;
- development of the construction process, specifically related to the use of innovative materials and technologies; – Energy sustainability of building and production processes;
- testing and quality control of products and works, also related to the durability of materials for new buildings as well as for the restoration process.

The training offered by the **Master's course focuses on integrated building, structural and plant design**, and enables graduates to fit easily in various construction industry sectors. The course provides further competencies in the following sectors:

1. structural Design: related to the study of structural analysis and design issues, through the in-depth analysis of structures in reinforced concrete, pre-stressed concrete, steel and masonry, with particular reference to the safety of the structures and earthquake resistance issues;
2. building service Engineering: related to the design of technical services and safety systems for buildings, with particular attention to energy and environmental sustainability issues.

MASTER'S DEGREE IN DATA, ALGORITHMS, AND MACHINE INTELLIGENCE University of Palermo

- Location: PALERMO
- Department: MATEMATICS AND INFORMATICS
- Teaching language of the course: ENGLISH
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/computer-science-3/

The Master Degree Course in Data, Algorithms, and Machine Intelligence, delivered entirely in English, provides in-depth theoretical, methodological, experimental and practical skills in the fundamental areas of information technology. These constitute the conceptual and technological basis for the computational approach to problem solving and system design, in order to organize, manage and access information and knowledge. The course covers the fundamental topics that are indispensable in the cultural background of a Master Degree in the sector, as well as some insights into advanced areas, such as big data processing and computational intelligence.

The curriculum includes the following courses: Combinatorial and probabilistic algorithms; Big data management; Multi-sensory data exploration; Pattern discovery for the life sciences; Knowledge representation and reasoning; Cybersecurity; Information theory and data compression; Data encryption and codes; Cloud and high-performance computing; Complex networks; Artificial intelligence and deep learning; Machine intelligence for optimization; Computational econophysics.

The graduate can pursue a career as analyst or software designer in companies producing goods and services, in public or private organizations. For example, the graduate can be employed as developer, bioinformatician, software engineer, systems analyst. Technical or research positions can be sought in the areas of mathematical and information sciences, in private and public research centers, as well as in education and universities. As a senior information engineer, the graduate can be involved in the planning, design, development, testing and management of information-technology plants and systems.

MASTER'S DEGREE IN CHEMICAL ENGINEERING FOR INDUSTRIAL SUSTAINABILITY 2ND CYCLE

University of Catania

- Location: CATANIA
- Department: CIVIL ENGINEERING AND ARCHITECTURE
- Teaching language of the course: ENGLISH
- Course delivered online: NO
- Link to the course: <http://www.dicar.unict.it/corsi/lm-22>

The master degree course on **Chemical Engineering for Industrial Sustainability** is aimed to provide all the basic and practical knowledge needed for the **Chemical Engineer to design and manage complex chemical systems and plants**, to select **materials and technologies for production** and to design load bearing structures. Besides, the students will be trained on the environmental sustainable design according to modern theories and practices. **All the teaching modules are in English** and the students are required to write and discuss their final dissertation in English. The course is fully open to admission of students holding bachelor title in: Mechanical Engineering, Chemical Engineering, Civil Engineering and Industrial Chemistry. For the students holding different titles a Commission will evaluate each case to grant the permission to enroll. Enrollment of foreign students is welcome and encouraged.

EDUCATIONAL AIMS

This master's degree course aims to train engineers able to **design and manage chemical technologies** (in particular in the chemical, pharmaceutical, environmental, and new materials sectors) through the **development of sustainable physico-chemical approaches** or, if needed, by operating traditional and novel processes reducing the use and generation of hazardous substances.

The practical education of the students is achieved by **laboratory experiences and/or industrial internships** that allows the students to develop their skills and allow the graduates the ability to:

- To apply the knowledge **basic disciplines to technical problems**, also of scientific relevance, of high complexity and of multi-disciplinary character;
- To **formalize and solve complex technical problems** and to formulate **innovative solutions**;
- To **design and manage traditional and innovative processes** through the knowledge acquired in the course;
- To **operate and conduct autonomously and safely plants and production sites** as well as being able to communicate and relate within technical and productive organizations.

JOB OPPORTUNITIES

The master programme in Chemical Engineering for Industrial Sustainability provides a comprehensive path towards high-level professional profiles needed in different industrial sectors which range from the chemical, pharmaceutical and automotive industry; energy production and management; material transformation and process industries; engineering companies designing, developing and implementing processes and plant; research centres.

MASTER'S DEGREE IN CIVIL ENGINEERING (TWO-YEAR PROGRAMME) **Kore university of Enna**

- Location: ENNA
- Department: ENGINEERING AND ARCHITECTURE
- Teaching language of the course: ITALIAN
- Link to the course: <https://www.unikore.it/>

The Master's degree aims to form a professional figure with vast knowledge and competences in the fields of design, **construction, management, survey, control and maintenance of large-scale constructions and civil infrastructures.**

The two-year programme is structured so as to facilitate the acquisition of autonomous analysis **capacity of complex engineering problems**, and allows entering the job market and research and development fields. Students are offered subjects grouped into four main specific thematic areas: (geotechnics, hydraulics, infrastructure and transport systems, structures).

MASTER'S DEGREE IN ELECTRONICS ENGINEERING **University of Palermo**

- Location: PALERMO
- Department: ENGINEERING
- Teaching language of the course: ENGLISH
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/electronics-engineering/

The Master Degree program in Electronics Engineering aims to train professional figures with a solid preparation in the following fields: electronics, electrical and electronics measurements, telecommunications, automation, and bioelectronics. The Master Degree graduates during the Course carry out several laboratory activities to acquire skills in the fields of micro/nano electronics, electronic design (also at radiofrequency), electronics for industry, energy and automotive, ICT systems, bioelectronics, domotics and robotics. The Degree program also offers students the possibility to enroll in highly specialized training courses in cooperation with prestigious companies (e.g. TIM and STMicroelectronics).

The program offers a training program entirely taught in English and organized in 4 different curricula (Modern Electronics, Telecommunications, Electronics for Robotics and Mechatronics, and Bioelectronics). The course is structured into some common subjects ranging from applied electronics, electronic programmable systems, electronics measurements, microwave electronics, and afterwards in disciplines specifically related to the chosen curriculum, e.g. optoelectronics and nanoelectronics, or mobile networks and wireless systems, or control systems for automotive and industrial robotics, or IoT for biomedical applications and statistical analysis of biosignals.

Thanks to the acquired knowledge and skills and given the wide range of job opportunities on offer, all the graduates in Electronics Engineering usually find employment in a short time and have excellent prospects for growth and pay. Graduates can enrol to second-level Master or Ph.D. courses at universities or find a job in public and private research institutions, or otherwise in large, small and medium-sized enterprises. The job opportunities depend on the curriculum chosen, and include the design, development and realization of electronic devices and systems, network systems, control and automation systems, and the production, management and use of biomedical sensors, equipment and software.

MASTER'S DEGREE IN ELECTRONIC ENGINEERING, 2ND CYCLE

University of Catania

- Location: CATANIA
- Department: ELECTRICAL, ELECTRONIC AND COMPUTER ENGINEERING
- Teaching language of the course: ENGLISH
- Course delivered online: NO
- Link to the course: <https://www.dieei.unict.it/en/courses/lm-29>

COURSE OUTLINE

The master's degree program in Electronic Engineering aims to train high-level professionals working in the field of (micro) electronic systems, analog and digital circuit electronics (with discrete and integrated components), power electronics, sensors and micro-electromechanical systems (MEMS): all sectors and technologies that constitute the hardware foundation of any system in ICT (Information and Communication Technology), IoT (Internet of Things), Automotive and systems with high technological content in general.

The master's degree program has the objective of ensuring students an adequate mastery of the knowledge, both basic and applicative, necessary for the design, implementation and management of traditional electronic devices, circuits and systems, through consolidated technologies, while at the same time providing the elements necessary to face new problems in emerging contexts and scenarios. This led to the definition of a training curriculum that gives great importance to the disciplines of the characterizing fields (Electronics, Electronic Measurements and Electromagnetic Fields). In particular, given the presence on the territory of leading companies nationally and internationally operating in the semiconductor and electronic devices and systems segment, the training project provides ample space for the acquisition of skills for the design and characterization of VLSI integrated electronic systems, integrated radiofrequency systems, integrated measurement systems and MEMS devices. Furthermore, in consideration of current application trends, adequate knowledge is given to the knowledge inherent to embedded systems for IoT and power electronics.

The master's degree program in Electronic Engineering also aims to consolidate the knowledge in the technical-scientific aspects of the basic disciplines of Information Engineering, with particular attention to the skills of computer science, theory of circuits and elements of the theory of quantum information.

To ensure a connection with the production world, 3 ECTS are normally entrusted to external professionals coming from the industrial world; at least one annual visit is organized at local companies and numerous cognitive and technical seminars are hosted. The thesis of 18 ECTS, where requested by the student, is carried out in companies supervised by a university tutor and a corporate tutor. For many courses, the degree program foresees a significant part of the hours devoted to practical and laboratory experiences (above all in courses with a high design content) in order to allow the student to consolidate the theoretical knowledge acquired in the field.

EDUCATIONAL AIMS

The degree course aims to deepen the design methodologies of electronic and microelectronic circuits and systems through the knowledge acquisition of technological processes, advanced design techniques, computer-aided design, production phases and testing procedures.

Specifically, the training objectives of the CdLM in Electronics Engineering are structured so that the graduates of the course will be able to:

- understand and describe the complex problems of information engineering that require an interdisciplinary approach through an in-depth knowledge of the theoretical and scientific aspects of mathematics and other basic sciences;
- know the theoretical-scientific aspects of information engineering, both in general and in depth, in relation to those of electronic engineering, in which they are able to identify, formulate and solve, even in an innovative way, complex problems or those requiring an interdisciplinary approach;
- conceive, plan, design and manage complex and/or innovative systems, processes and services
- design and manage highly complex experiments through electronic systems and devices;
- fluently use, in written and oral form, at least one European Union language besides Italian, with reference also to disciplinary vocabularies (entry requirement).

JOB OPPORTUNITIES

The Electronic Engineer can find professional outlets in companies for the design and production of electronic circuits, electronic components, electronic equipments and systems, and in those companies that develop products with a high technological content, as well as in public and private research organizations and in consulting companies and services.

PROFESSIONAL OUTLETS

- Electronics Engineers
- Design Engineers of Computers and their Peripherals

MASTER'S DEGREE IN ENGINEERING AND COMPUTER SCIENCE University of Messina

- Location: MESSINA
- Department: ENGINEERING
- Scientific coordinator: PROF. DARIO BRUNEO - dario.bruneo@unime.it
- Duration: 2 YEARS
- Link to the course: <https://www.unime.it/didattica/corsi-di-laurea-magistrale/engineering-and-computer-science>

PROGRAMME OVERVIEW

This Master's degree develops knowledge and expertise in Computer Engineering and Computer Science. There are two strands within areas degree's classes - one focuses on Computer Engineering and one on Computer Science. The requirements overlap and complement each other. Both strands entitle graduates to participate in engineering licensing exams to work as engineers. Skills acquired in this programme include:

- system management, planning and design; management of complex, innovative and distributed systems, data analysis, intelligent cyber physical systems, robotics;
- complex experiment design and management;
- be equipped with contextual knowledge and cross-domain skills.

MINIMAL ENTRY REQUIREMENTS

Admission will be granted to the candidates having a Bachelor's degree either in Engineering or Computer Science that includes the following prerequisites: Geometry, Mathematical Analysis, Physics, Computer Science, Computer Engineering, Electronics, Electromagnetic fields, Telecommunications, Automation. The course commission will evaluate the candidate's curriculum for admission.

LANGUAGE REQUIREMENTS

International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B2 level of the Common European Framework of Reference.

STUDY PROGRAMME

Computer Engineering class degree (LM-32)

YEAR 1

Embedded systems; Computer system analysis; Advanced algorithms and computational models; Industrial IoT; Computer system security; Managing innovation and entrepreneurship or Lean production and total quality management; Electives.

YEAR 2

Distributed systems; Industrial automation and robotics; Machine Learning; Multimedia; digital signal processing; Electives; Further study and internship; Final exam.

Computer Science class degree (LM-18)

YEAR 1

High performance computing; Computer system analysis; Advanced algorithms and computational models; Game theory; Big data; Computer system security; Electives

YEAR 2

Distributed systems; Industrial automation and robotics; Machine Learning; Electives; Optimisation methods and algorithms or Acoustics and sound processing; Further knowledge and internship; Final exam.

INTERNATIONAL OPPORTUNITIES

UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year. Another opportunity for students is the UniME Funded programme 'Students Around the World' (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.

TUITION FEES

A fixed fee (€ 156.00) and a remaining amount of tuition calculated on the basis of a sliding scale. For further information go to <https://international.unime.it/studying/fees-and-fundings>

MASTER'S DEGREE IN MANAGEMENT ENGINEERING University of Palermo

- Location: **PALERMO**
- Department: **ENGINEERING**
- Teaching language of the course: **ENGLISH**
- Course delivered online: **YES**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/management-engineering-2/

Conceived as a tech-MBA and specifically designed for students with a Bachelor Degree in Engineering, the Master Degree in Management Engineering at the Università di Palermo allows students to complement the in-depth knowledge and the way of thinking gained during their engineering background, with the ability to take strategic decisions and tackle management issues. Management engineers are managers with advanced quantitative problem-solving skills, capable of managing companies that operate in increasingly complex, international and technologically advanced environments. The program is inherently multidisciplinary and integrates high-level management skills with in-depth technical competences in several areas, such as operations and supply chain, finance, economics, project management, innovation, strategy, logistics, and technology management.

The Management Engineering program is entirely taught in English and is divided into three discipline blocks:

- Methodological disciplines which include the methodological basis of the second level management engineer such as advanced statistical methods and tools for management engineering, business process modeling techniques, project management methodology and software;
- Core disciplines which study the main business functions of every company, such as marketing, corporate finance, strategy, operations and supply chain, technological innovation and human resources;
- Elective (focus) disciplines which relate to more specific topics such as sustainable technologies, public sector economics, industrial safety, technology analysis, smart manufacturing.
- The educational model of the program is strongly based on active learning and the courses are taught using several teaching methods: lectures, practical sessions, case studies, flipped classroom, and in-class discussion. Students are involved in practical-based labs and project works developed in a team where they can experience real challenges and apply the skills, methods and knowledge acquired.

The Management Engineering program opens up rewarding and exciting career opportunities for its students. The multiple business function skills of the management engineer allow her/him to find a job very quickly (official statistics report that in 2019, 97.7% of graduate students found employment within one year from graduation). Management Engineering graduates can find employment in all kinds of industries (Automotive, Agrofood, Oil and Gas, Textile and Fashion, Business Consulting, Banks, Healthcare, Public administration, etc.) and fill different positions in a variety of business functions (Operations and Supply Chain, Marketing, Corporate Finance, R&D, Controlling, etc.).

FOREIGN LANGUAGES AND LITERATURES

MASTER'S DEGREE IN LANGUAGES FOR INTERCULTURAL COMMUNICATION (TWO-YEAR PROGRAMME)

Kore university of Enna

- Location: ENNA
- Department: CLASSICAL, LANGUAGES AND EDUCATIONAL STUDIES
- Link to the course: <https://www.unikore.it/>

The master's course aims to complete training in an **intercultural perspective**. The consolidation of proficiency in the **chosen European and oriental languages** is combined with further competencies in the legal-economic, geopolitical and socio-educational spheres. The aim is to form a highly qualified professional figure in linguistic relations, with a significant cultural component, able to face up to the needs of international cooperation, organized and migrations, that effect the Euro-Mediterranean area and beyond.

The course foresees internships and traineeships in the context of **international cultural mediation, cooperation and development projects** and the management of linguistic and cultural mediation in formal and in-formal educational contexts.

MASTER'S DEGREE IN TRANSNATIONAL GERMAN STUDIES

University of Palermo

- Location: PALERMO
- Department: HUMANITIES
- Teaching language of the course: GERMAN
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/transnational-german-studies/

Transnational German Studies' offers students a journey through Europe's cultural and literary history, in which the development of Europe – from its past through to its present and on to its future – can be experienced. “Transnational German Studies” is a course for those keen to understand Europe anew – as an idea, the past of which can be explored; for those with an interest in literary studies and cultural history who would like to trace the lines connecting the humanities in the European community; a course for those who want to broaden their horizons. In the Transnational German Studies study trajectory, which connects four European universities, the intellectual history of Europe is explored in both theoretical and concrete ways. By following the common thread of German Studies back from its common European roots in the Middle Ages to the present day, a small group of international students will, have new academic experiences together in four different countries.

In the culture and language module, the literature is considered within the context of cultural history and the intercultural aspect of European literature in general, focusing particularly on German literature. The interculturality is examined in several steps and analyzed in detail using various theoretical approaches and literary examples. Key cultural study questions accompany the students throughout the semesters and the phenomena of trans-, inter- and multiculturalism are dealt with especially with regard to the literature of German pre-modernity. For example, multilingualism is considered as a theoretical idea and an historical fact, but at the same time experienced practically by international students who take language courses in German and/or the languages of the universities at which they are staying. In the Literature module regarding literary history, German literature is viewed from within its European context based on its epochs and trends. The mediaeval tradition in particular offers students a new approach to the trans-European idea based on selected examples: intertextuality is viewed as an intercultural moment from a motif-historical perspective. Here, job-related skills are acquired or strengthened, and new networks are opened up. Through discussions with representatives of various career paths and practical projects, the individual future of the participants already takes shape during the master's course.

The students will be able to work in international cooperation institutes, in national and international bodies and institutions; they will be able to act as editors and proofreaders of technical and advertising texts, linguists and philologists, correspondents in foreign languages, organizers of fairs, exhibitions and cultural events. The student can also attend doctoral school in Italy and abroad.

MASTER'S DEGREE MODERN LANGUAGES AND TRANSLATION FOR INTERNATIONAL RELATIONS

University of Palermo

- Location: PALERMO
- Department: HUMANITIES
- Teaching language of the course: ITALIAN, ENGLISH, GERMAN, ARABIC, RUSSIAN
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/modern-languages-and-translation-for-international-communications/

TRAINING OBJECTIVES

Graduates of this course will: **possess advanced knowledge of two languages besides Italian**, with full command of the variations due to the socio-linguistic, international and multimedia context of the language, as well as of the receptive and productive skills of the speakers involved; know about the historical organization of the Country of the studied language, in its historical-geographic, economic-social and political aspects, in view of its use in an international communication perspective; have good command of communication tools, including web-specific ones (sites, blogs, platforms and likes) and use them in professional activities; have good command of specialist language, with respect, in particular, to the audio-visual translation from specific language to Italian.

GEOLOGY

MASTER'S DEGREE IN GEORISKS AND GEORESOURCES

University of Palermo

- Location: PALERMO
- Department: EARTH AND SEA SCIENCES
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/georisks-and-georesources/

The Master's Degree programme in Georisks and Georesources aims at training highly specialized professionals and researchers in the field of Earth Science, with a focus on **engineering geology, geological hazard assessment/prediction and resources exploration, exploitation and protection**.

The study plan provides the student with higher level courses, mainly focused on the applied issues of the **earth sciences disciplines** aimed at the studying of **georesources** (groundwater, rocks, soil, oils and gases) and **geologic hazards** (volcanic, seismic, marine and geo-hydrological) also in a perspective of climate changing driven effects, including **paleoenvironmental and paleoclimatic approaches**.

The first common year faces all those disciplines which are mandatory for the training of the professional figure of the geologist (geotechnics, technical engineering geology, applied geochemistry, applied geomorphology, applied geophysics, marine geology, structural geology).

The **second year** is organized into **two curricula: Georisks and Georesources**. Each curriculum includes a set of compulsory subjects (Georisks: Morphotectonics, Volcanic Risk, Geophysics for Seismic Microzonation; Georesources: Sedimentary Petrography, Sedimentology and Basin Analysis). The course is then completed by a wide list of optional subjects that allow the student to develop more specific studies of the hazard associated with earthquakes, eruptions, landslides (also submarine), soil erosion and river dynamics, for Georisks; geo-exploration aimed at identifying fossil and renewable geo-resources, paleo-environmental and paleoclimatic analysis, geomaterials and crystallographic applications.

The training course involves extensive use of **laboratory and field teaching and training in seminars by experts** from the world of the profession and from local and research bodies.

HIGHER ARTISTIC AND MUSICAL EDUCATION

1ST LEVEL PROFESSIONAL MASTER PROGRAMME MATER MATUTA CURATORIAL PRACTICE AND CONTEMPORARY PHILOSOPHY OF THE MEDITERRANEAN ABADIR Academy

- Location: **PARTLY ONLINE, PARTLY FACE-TO-FACE** (itinerant activities in Sicily, in various Italian locations and in Albania)
- Department: **DESIGN**
- Course delivery language: **ITALIAN AND ENGLISH**
- Online delivery: **PARTIAL** (blended teaching)
- Duration: **12 MONTHS** (60 ECTS credits)
- Qualification awarded: **1ST LEVEL PROFESSIONAL MASTER PROGRAMME** (EQF level 7)
- Link to the course: <https://master.abadir.net/mater-matuta>

1st level Professional Master Programme Mater Matuta – Curatorial Practice and Contemporary Philosophy of the Mediterranean directed by Leonardo Caffo and promoted by the ABADIR Academy explores the study and practice of curatorial studies through the philosophical analysis of the concept of the contemporary starting from a Mediterranean perspective.

The master has an interdisciplinary approach and ranges from contemporary arts to design, up to publishing, art direction, passing through the reinterpretation of food, events, music, fashion and photography within the frame of the contemporary. The goal is to train curators, strategic consultants, creative directors in the museum, corporate, publishing and/or social media fields.

The course takes place partly face-to-face, partly online and is divided into: a first theoretical part, with immersive courses that can be used online and/or in-person at the ABADIR headquarters in Sant'Agata Li Battiati (Catania); an itinerant part, with visits at partner realities and site-specific experiences between Italy and Albania; and a final planning part, in Sicily, for the development of a curatorial output.



PALERMO CATHEDRAL

1ST LEVEL PROFESSIONAL MASTER PROGRAMME IN STRATEGIC DESIGN AND CREATIVE DIRECTION

ABADIR Academy

- Location: **SANT'AGATA LI BATTIATI (CATANIA), WITH TRIPS TO VARIOUS LOCATIONS IN SICILY AND MILAN**
- Department: **DESIGN**
- Course delivery language: **ITALIAN**
- Online delivery: **PARTIAL** (blended teaching)
- Duration: **12 MONTHS** (60 ECTS credits)
- Qualification awarded: **1ST LEVEL PROFESSIONAL MASTER PROGRAMME** (EQF level 7)
- Link to the course: <https://master.abadir.net/design-strategico>

1st level Professional Master Programme in Strategic Design and Creative Direction promoted by the ABADIR Academy and directed by Vincenzo Castellana focuses on product, communication and strategy, in a system that goes from conception, and realization, to the sale and use experience of a product (understood as a tangible asset or as an intangible service).

The aim is to train designers capable of designing strategies capable of stimulating and promoting innovative paths within companies, following the operational developments of a strategic plan, developing a creative vision in the various execution phases and developing an entrepreneurial culture in the area.

Lessons take place partly face-to-face, on weekends, at the ABADIR headquarters in Sant'Agata Li Battiati (Catania), and partly online. Trips to partners' offices (in Sicily and Milan) are also foreseen. The course has the patronage of ADI – Association for Industrial Design and the Achille Castiglioni Foundation.

1ST LEVEL PROFESSIONAL MASTER PROGRAMME IN VISUAL COMMUNICATION AND ART DIRECTION

ABADIR Academy

- Location: **PARTLY ONLINE, PARTLY FACE-TO-FACE** (itinerant workshops between Sicily, Southern Italy and Spain)
- Department: **DESIGN**
- Course delivery language: **ITALIAN AND ENGLISH**
- Online delivery: **PARTIAL** (blended teaching)
- Duration: **12 MONTHS** (60 ECTS credits)
- Qualification awarded: **1ST LEVEL PROFESSIONAL MASTER PROGRAMME** (EQF level 7)
- Link to the course: <https://master.abadir.net/comunicazione-visiva-e-art-direction>

The Professional Master Programme in Visual Communication and Art Direction promoted by the ABADIR Academy and directed by Mauro Bubbico is an interdisciplinary course that brings together theory and practice, embracing editorial, typographic and digital graphics, to rethink visual communication starting from territorial and individual specificities, with particular focus on the educational function of the visual message, as well as on the informative and commercial one.

The goal is to train designers and art directors with transversal skills, who know how to analyse complex scenarios and master different languages (graphic, photographic, illustrative, audio-visual) to create engaging communication and narrative paths.

The course combines online teaching and face-to-face design experiences (workshops and summer schools) in Italy and Europe, which allow participants to get in touch with different territories and with the most interesting realities of contemporary graphics and communication.

ART DIDACTICS AND CULTURAL MEDIATION OF THE ARTISTIC HERITAGE SECOND-LEVEL ACADEMIC DIPLOMA Academy of Fine Arts of Palermo

- Location: PALERMO
- Department: COMMUNICATION AND DIDACTICS
- Teaching language of the course: ITALIAN, ENGLISH
- Course delivered online: YES
- Link to the course <https://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-comunicazione-e-didattica-dellarte/>

The training objective of the course is providing students with the methodologies and tools used by museums and school institutions to make collections, exhibitions, and in general any type of historical, scientific and artistic-cultural exhibition, accessible to a wider public.

The museum is conceived as a “culture producer”, a melting pot of educational but also playful-recreational initiatives and stimulates the activation of new forms of communication that are accompanied by practical activities to promote innovative learning methods aimed at a varied (by age, interests and needs) audience.

Through theoretical and laboratory disciplines, the course is aimed at the design and implementation of educational interventions that take into account different types of users (children, adults, elderly people, foreigners, differently-abled people, etc.), using laboratories and multimedia dissemination and didactic supports, thanks to notions of museum education, history of art, museology and management of exhibition systems, mass media theory and method, and philosophy of art.

To these are added in-depth workshops on the issues arising from new media in relation to art communication and workshops with contemporary artists that allow experimentation with the complex mechanisms of current artistic poetics. Students also have the opportunity to engage in curricular training internships at museums and public and private institutions in view of their future professional activity.

BASSOON, FIRST-LEVEL ACADEMIC DIPLOMA Music Conservatory “A. Corelli” of Messina

- Location: MESSINA
- Department: NEW TECHNOLOGIES AND MUSICAL LANGUAGES
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivered online: YES
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2219&Itemid=443

TRAINING OBJECTIVES

Upon completion of their studies in the first-level academic course in **bassoon**, students will have acquired the technical **knowledge and specific skills to permit them to realise their artistic notions in practice**. To this end, special attention will be given to the study of the most representative repertoire of the instrument– including the ensemble – and its actual practice with the constant aim of developing the student’s ability to interact within music groups that vary in their composition. These objectives will be achieved by promoting the development of the perceptual ability of the hearing and of memory and by the acquisition of specific **knowledge** regarding the **organisational, compositional and analytical models of music, as well as of their interaction**.

Special care must be devoted to the acquisition of appropriate **techniques for postural and emotional control**. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. Moreover, students should acquire competences in the field of improvisation. A further learning objective of the course is the **acquisition of appropriate skills in the field of computing as applied to music as well as skills in a second language of the European Community**.

CANTO POP, BACHELOR **Conservatory of Music "A. Scontrino", Trapani**

- Location: **TRAPANI**
- Department: **HIGHER ARTISTIC AND MUSICAL EDUCATION**
- Teaching language of the course: **ITALIAN, ENGLISH, SPANISH**
- Link to the course: <http://www.constp.it>

COURSE DESCRIPTION

The course aims to offer an all-round training to the student, including elements of voice's anatomy and physiology such as useful aspects of music theory and language. Attention is also paid to the peculiarities of the various styles of singing flowing into the great context of popular music.

The course of studies also provides for the acquisition of specific skills concerning psychoacoustics, diction, phonetics and elements of general linguistics related to the language in which you sing, so as to ensure the most effective communication between singer and listener.

Ample space is also given to the relationship between posture and voice, to occlusal/myofunctional problems, to the production of sound and to all the other possible factors that influence the vocal emission.

The student will acquire skills regarding body management and body awareness in a progressive acquisition of "proprioceptive" awareness, essential for increase the feedback circuit and the consequent control of the vocal instrument.

At the end of the course of studies, moreover, the student will have to acquire all the specific aspects of the musical language of the pop styles, in order to acquire a complete general both aesthetic and stylistic preparation.

COMPOSITION, FIRST LEVEL ACADEMIC DIPLOMA (BACHELOR) **AND SECOND LEVEL ACADEMIC DIPLOMA (MASTER DEGREE)** **Music Conservatory "A. Scarlatti" in Palermo**

- Location: **PALERMO**
- Department: **TEORY, ANALYSIS, COMPOSITION AND CONDUCTING**
- Teaching language of the course: **ITALIAN/ENGLISH**
- Link to the course: <https://conservatoriopalermo.it/course-category/scuola-di-composizione/>

TRAINING OBJECTIVES

During the course students will develop their techniques knowledge, training in counterpoint and fugue, working on control of traditional forms from the little ones (Notturmo, Intermezzo, etc) until the greater ones to the Sonata Form, practicing in style using solo instruments, chamber ensembles also with singer(s); besides they will develop their Analytical skills working on scores from the baroque music to the contemporary, and begin to study Instrumentation. Reaching these objectives obtaining the bachelor, in the Master course the students will practice Orchestral and Liric opera composition, approaching many different languages, compositional techniques and harmonic systems.

At the same time, great part of the study will be devoted to original composition, guiding the student through the rich and complex world of the contemporary languages, allowing him to start his research for his own way to compose music in our times; these objectives will be attained also through performances of the student's compositions, organized by the conservatory and other affiliated institutions also thanks to the "Ensemble Musica Contemporanea" active from ten years and constituted in the Composition department.

DECORATION SECOND-LEVEL ACADEMIC DIPLOMA **Academy of Fine Arts of Palermo**

- Location: PALERMO
- Department: VISUAL ARTS
- Teaching language of the course: ITALIAN, ENGLISH
- Course delivered online: YES
- Link to the course: <https://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-arte-visive/>

The courses of study of the second-level Academic Diploma of the School of Decoration aims to ensure a full mastery of artistic methods and techniques, as well as the acquisition of specific disciplinary and professional skills, in order to provide learners with knowledge of design and expressive methodologies, and the ability to use traditional tools and new technologies.

The courses of the School of Decoration aim to provide specific and in-depth technical knowledge for the implementation of projects, interventions on the territory, environmental works, as well as develop in-depth study and research on visual and artistic languages.

The fundamental objective of the two-year specialist course is to enhance the artistic experience and professional skills through a didactically structured specialization course to deepen the synthetic vision of the decoration space, where the representative process is characterised by abstraction and freedom of experimentation.

ELECTRONIC MUSIC, FIRST-LEVEL ACADEMIC DIPLOMA **Music Conservatory "A. Corelli" of Messina**

- Location: MESSINA
- Department: NEW TECHNOLOGIES AND MUSICAL LANGUAGES
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivered online: YES
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=3658&Itemid=594

TRAINING OBJECTIVES

Upon completion of their studies in the first-level academic course in electronic music, students will have acquired the **technical knowledge and specific skills to permit them to realise their artistic notions in practice**. To this end, special attention will be given to the study of the most representative repertoire of the instrument– including the ensemble – and its actual practice with the constant aim of developing the student’s ability to interact within music groups that vary in their composition. These objectives will be achieved by promoting the **development of the perceptual ability of the hearing and of memory** and by the **acquisition of specific knowledge regarding the organisational, compositional and analytical models of music, as well as of their interaction**.

Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. Moreover, students should acquire competences in the field of improvisation. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as skills in a **second language of the European Community**.

ELECTRONIC MUSIC, FIRST-LEVEL ACADEMIC DIPLOMA (BACHELOR) **AND SECOND-LEVEL ACADEMIC DIPLOMA (MASTER’S DEGREE)** **Music conservatory "A. Scarlatti" of Palermo**

- Location: PALERMO
- Department: NEW TECHNOLOGIES AND MUSICAL LANGUAGES
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivery online: NO
- Link to the course:
<https://conservatoriopalermo.it/corsi/corso-di-diploma-di-primo-livello-musica-elettronica/>
<https://conservatoriopalermo.it/corsi/corso-di-diploma-di-secondo-livello-in-musica-elettronica/>

TRAINING OBJECTIVES

After graduation, students will have acquired specific technical and cultural skills that will allow them to concretely realize their artistic idea.

For this reason, it will be given particular importance to the study of the historical and contemporary electroacoustic musical repertoire, and to the deepening of the analytical methodologies, including the history of electroacoustic and computer technologies applied to music.

For this reason, the study of the historical and contemporary electroacoustic musical repertoire will be very important, together with the analytical methodologies for electroacoustic and computer music. These objectives will be achieved in accordance with the development of a strong creative sensitivity. Students will acquire skills in music informatics, music technology and multimedia.

EXHIBITION DESIGN AND MUSEUM ENHANCEMENT SECOND-LEVEL ACADEMIC DIPLOMA Academy of Fine Arts of Palermo

- Location: PALERMO
- Department: COMMUNICATION AND DIDACTICS
- Teaching language of the course: ITALIAN, ENGLISH
- Course delivered online: YES
- Link to the course: <https://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-comunicazione-e-didattica-dellarte/>

The programme for the achievement of the second level Academic Diploma in Exhibition Design and Museum Enhancement is focused on the analysis of the methods and tools used for the organisation and preparation of exhibitions, fairs, museums, sale points, events and urban scenographies. The contents provide for the acquisition of techniques and skills related to creative conception, design and construction of exhibitions, stands, shops, fairs, museums, places for commercial activities, exchanges and meetings, sale points, spaces for performative arts, streets and urban public squares. The course stimulates all cognitive processes and enhances specific competences in order to provide students with the capacity to improve usability, knowledge and understanding of the cultural heritage, with results able to excite and involve the public.

FASHION DESIGN, SECOND-LEVEL ACADEMIC DIPLOMA Academy of Fine Arts of Palermo

- Location: PALERMO
- Department: DESIGN AND APPLIED ARTS
- Teaching language of the course: ITALIAN, ENGLISH
- Course delivered online: YES
- Link to the course: <https://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-progettazione-e-arti-applicate/>

The course of study for the achievement of the second-level academic diploma in Fashion Design aims at specialised training in strategic sectors of fashion design and textile production. In this sense, fashion design and its unique relationship with eco-fashion should be considered as distinguishing elements of the course, in order to achieve ethical, eco-sustainable and hypoallergenic fashion. Therefore, in continuity with the first-level three-year programme, this course supports the conception of projects and the realisation of products starting from recyclable natural and untreated materials, not only for the production of clothes and accessories, but also for stage costumes.

FIVE-YEAR SINGLE CYCLE DEGREE IN RESTORATION Academy of Fine Arts of Palermo

- Location: PALERMO
- Department: RESTORATION
- Teaching language of the course: ITALIAN, ENGLISH
- Course delivered online: YES
- Link to the course: <http://www.accademiadipalermo.it>

COURSE DESCRIPTION:

PPF2: Artefacts painted on wood and textile supports. Sculpted artefacts in wood. Furniture and wooden structures. Processed, assembled and/or painted artifacts in synthetic materials.

The five-year single-cycle professionalizing training course aims to train a **Restorer of cultural heritage**, with specific competences in the **restoration of artistic artefacts painted on textile, wooden, plain and modelled surfaces** as well as large-sized artefacts constituting furnishings and wooden structures for sacred and profane use. Moreover, included are artifacts composed of processed synthetic materials, which are also assembled and/or painted.

HARPSICHORD, FIRST-LEVEL AND SECOND-LEVEL ACADEMIC DIPLOMA Music conservatory "A. Scontrino", of Trapani

- Location: TRAPANI
- Department: HIGHER ARTISTIC AND MUSICAL EDUCATION
- Teaching language of the course: ITALIAN, ENGLISH
- Link to the course: <http://www.constp.it/didattica?tid=50>

COURSE DESCRIPTION

Since 2012, The class of Harpsichord and Historical keyboards, active for more than twenty years, has produced relevant events. There is no age limit for admission to the courses: First-level Academic Diploma (Bachelor's degree, three years) and Second-level Academic Diploma (Master's degree, two years).

The main subjects of the study plan are:

- Harpsichord, performance practice
- Basso Continuo, theory and practice with instruments
- Ensemble music for ancient instruments
- Tunings and temperaments
- Consultation and Management

The course offers annual Masterclasses by renowned musicians and teachers such as Elina Mustonen (Academia Sibelius, Un-
iartsHelsinki), Terence Charlston (Royal College of Music, London), Joerg-Andreas Boetticher (Schola Cantorum Basiliensis). The students also participate in Masterclasses at important Summer academies and have already had the opportunity to hold important concerts for many festivals and associations in Italy and Europe, including countries such as Finland, Spain, Belgium, Portugal, France. They were awarded with two First absolute prizes at the International Harpsichord Competition "Wanda Landowska", as well as with a Third prize and with a Second ex-aequo prize. Our students are also regularly involved in the ERASMUS+ project, spending semesters of study at important institutions such as ESMAE of Porto and the Conservatories of Bruxelles, Lyon, and Madrid. In addition two of them have been accepted at the prestigious Master's degree of the Royal Conservatoire The Hague, Holland.

HARPSICHORD, FIRST-LEVEL ACADEMIC DIPLOMA Music Conservatory "A. Corelli" of Messina

- Location: MESSINA
- Department: ANCIENT MUSIC
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivered online: YES
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2213&Itemid=437

TRAINING OBJECTIVES

Upon completion of their studies in the first-level academic course in Harpsichord and ancient keyboards, students will have acquired the technical knowledge and specific skills to permit them to realise their artistic notions in practice. To this end, special attention will be given to the study of the most representative repertoire of the instrument – including the ensemble – and its actual practice with the constant aim of developing the student's ability to interact within music groups that vary in their composition. These objectives will be achieved by promoting the **development of the perceptual ability of the hearing and of memory** and by the acquisition of specific knowledge **regarding the organisational, compositional and analytical models of music**, as well as of their interaction.

Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and

aesthetic aspects related to their specific field. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as skills in a second language of the European Community.

IMAGE-BASED MUSIC COMPOSITION, FIRST-LEVEL ACADEMIC DIPLOMA **Music Conservatory "A. Corelli" of Messina**

- Location: MESSINA
- Department: THEORY AND ANALYSIS, COMPOSITION AND CONDUCTION
- Teaching language of the course: ITALIAN/ENGLISH
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2214&Itemid=438

TRAINING OBJECTIVES

Upon completion of their studies in the first-level academic course, students will have acquired the technical knowledge and specific skills to permit them to realise their artistic notions in practice. To this end, special attention will be given to the study of the most representative **repertoire of their instrument, including ensemble performance**, and its actual practice with the constant aim of developing the student's ability to interact within music groups that vary in their composition. These objectives will be achieved by promoting the development of the perceptual ability of the hearing and of memory and by the acquisition of specific knowledge **regarding the organisational, compositional and analytical models of music**, as well as of their interaction.

Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as skills in a second language of the European Community.

IMPROVISATION AND INSTRUMENTAL DIMINUTION FROM THE 16TH CENTURY TO JAZZ MUSIC, FIRST-LEVEL ACADEMIC DIPLOMA **Conservatory "A. Scontrino" of Trapani**

- Location: TRAPANI
- Department: KEYBOARD AND PERCUSSION INSTRUMENTS
- Teaching language of the course: ITALIAN, ENGLISH
- Course delivered online: YES
- Link to the course: <http://www.constp.it/>

Music has always moved through unwritten canons and improvisation, in various eras and in various styles, has been a fundamental cultural and technical background for musical expression. **Improvisational patterns** were handed down in antiquity and are still handed down by heart in popular traditions that are still alive and productive, such as Irish folk music. The same happened for the music of American, Indian, Arabic and other minor cultures.

The 1500s marked a turning point in improvisation with the emancipation of instrumental music from vocal music: between the end of The 1500s and the beginning of the 1600s, numerous treatises were written, mainly in Italy, which explained how to improvise and decrease "With every sort of instruments" but in general in Europe, testifying to the advent of a new style, a new way of playing that has characterized two centuries of cultured music: the baroque. In the 1700s improvisation reached paroxysm: the pieces were totally transformed by the performer who was thus able to demonstrate his instrumental ability. This happened for violinists, other string instruments, harpsichord, flute, oboe and many others. Instrumental mannerism made improvisation the main instrument of expressiveness of the time. The 1800s experienced an era of strong use of structural improvisation, less linked to the composition itself: great pianists such as Chopin and Liszt improvised entire pieces without building on already written compositions. But a little later, at least in cultured music, any improvised practice was put aside in favour of the compositional structure.

Jazz will make us relive a second Baroque and present enormous and clear analogies with instrumental music of 1600s and 1700s. This workshop will be based on the history of improvisation described above, but put into practice with the instruments: it involves the study and reading of treatises, listening to patterns common to various styles and collective practice.

GRAPHIC DESIGN AND DIGITAL MEDIA ABADIR Academy

- Location: CATANIA – SANT'AGATA LI BATTIATI
- Department: DESIGN
- Course delivery language: ITALIAN
- Online delivery: PARTIAL (BLENDED TEACHING)
- Link to the course: www.abadir.net/gdmd

The spread of social media has radically transformed the way we communicate: today, the web is an essential environment in which to work and learn about digital platforms, understanding their dynamics and languages, it is indispensable for interpreting contemporary global society and for generating new economies.

The three-year course in Graphic Design and Digital Media of the ABADIR Academy combines the study of visual communication in its traditional sense (graphic design, advertising and marketing, editorial design, branding) with digital practices and new technologies, integrating traditional and new media. The aim is to train professionals capable of operating in the creative and cultural industry system, by mastering digital tools and the new paradigms of meaning that they generate, to design communication strategies and interdisciplinary, multimedia and innovative outputs.



GRAPHIC ART, SECOND-LEVEL ACADEMIC DIPLOMA **Academy of Fine Arts of Palermo**

- Location: **PALERMO**
- Department: **VISUAL ARTS**
- Teaching language of the course: **ITALIAN, ENGLISH**
- Course delivered online: **YES**
- Link to the course: <https://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-arte-visive/>

The programme for the achievement of the Second-Level Academic Diploma of the School of Graphic art aims to form advanced artistic skills and qualified professionals who are able to develop their own research and individual production in the field of graphic art and design, produced with traditional techniques, in the elaboration and experimentation of contemporary graphic art, and in the conservation and cataloguing of art prints, taking into account the pluralism of languages and innovations in techniques that characterise the contemporary world.

The two-year specialist course therefore has as its objective the knowledge and in-depth study of the disciplines relating to graphics and art publishing. The different training purposes will converge in the acquisition of skills related to the artist's book and the object book.

GRAPHIC DESIGN AND VISUAL COMMUNICATION, SECOND-LEVEL ACADEMIC DIPLOMA **Academy of Fine Arts of Palermo**

- Location: **PALERMO**
- Department: **DESIGN AND APPLIED ARTS**
- Teaching language of the course: **ITALIAN, ENGLISH**
- Course delivered online: **YES**
- Link to the course: <https://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-progettazione-e-arte-applicate/>

In the scenario of contemporary artistic design, the Visual Communication and Graphic Design Course offers a theoretical and design-based training path, aimed at the acquisition of skills in relation to the practice and theory of graphic design, the historical/critical knowledge of contemporary art phenomena, aesthetic theories and new media languages. The course aims to deepen the languages of graphic design in the context of new technologies and publishing.

JAZZ GUITAR, FIRST LEVEL ACADEMIC DIPLOMA **Music conservatory "A. Scarlatti" of Palermo**

- Location: **PALERMO**
- Dipartimento: **JAZZ**
- Teaching language of the course: **ITALIAN - ENGLISH**
- Link to the course: <https://conservatoriopalermo.it/corsi/corso-di-diploma-di-primo-livello-in-chitarra-jazz/>

At the end of the studies related to the first level Academic Diploma in Jazz Guitar, students must have acquired the knowledge of techniques and specific skills that allow them to concretely realize their own artistic idea. To this end, particular emphasis will be given to the study of the most representative repertoire of the instrument including the ensemble one and the relative executive practices, also with the aim of developing the student's ability to interact within differently composed musical groups. These objectives must also be achieved by promoting the development of perceptive hearing and memorization skills and with the acquisition of specific knowledge relating to the organizational, compositional and analytical models of music and their interaction. Specific care must be dedicated to the acquisition of adequate postural and emotional control techniques.

At the end of the three-year period, students must have acquired in-depth knowledge of the general stylistic, historical and aesthetic aspects relating to their specific field. Furthermore, with reference to the specificity of the individual courses, the student must possess adequate skills in the field of improvisation. The training objective of the course is also the acquisition of adequate skills in the field of musical information technology as well as those relating to a second community language.

JAZZ PIANO, FIRST-LEVEL ACADEMIC DIPLOMA **Music Conservatory "A. Corelli" of Messina**

- Location: MESSINA
- Department: NEW TECHNOLOGIES AND MUSICAL LANGUAGES
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivered online: YES
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2237&Itemid=465

TRAINING OBJECTIVES

Upon completion of their studies in the first-level academic course in **jazz piano**, students will have acquired the technical knowledge and **specific skills to permit them to realise their artistic notions in practice**. To this end, special attention will be given to the study of the most representative repertoire of the instrument– including the ensemble – and its actual practice with the constant aim of developing the **student's ability to interact within music groups that vary in their composition**. These objectives will be achieved by promoting the development of the perceptual ability of the hearing and of memory and by the acquisition of specific knowledge regarding the organisational, compositional and analytical models of music, as well as of their interaction.

Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the **general stylistic, historical and aesthetic aspects related to their specific field**. Moreover, students should acquire competences in the field of improvisation. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as skills in a **second language of the European Community**.

LYRICAL SINGING, FIRST-LEVEL ACADEMIC DIPLOMA **Music Conservatory "A. Corelli" of Messina**

- Location: MESSINA
- Department: SINGING AND MUSICAL THEATRE
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivered online: NO
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2207&Itemid=430

Upon completion of their studies in the first-level academic course, students will have acquired the technical knowledge and specific skills to permit them to realise their artistic notions in practice. To this end, special attention will be given to the study of the most representative **vocal repertoire** (operatic, symphonic, sacred, chamber music) and its actual practice with the constant aim of developing the student's ability to interact within music groups that vary in their composition. These objectives will be achieved by promoting the development of the perceptual ability of the hearing and of memory and by the acquisition of **specific knowledge regarding the organisational, compositional and analytical models of music**, as well as of their interaction.

Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as skills in a second language of the European Community.

MANDOLIN, FIRST AND SECOND LEVEL ACADEMIC DIPLOMA **Music conservatory "A. Scarlatti" of Palermo**

- Location: **PALERMO**
- Department: **STRINGS/PLUCKED INSTRUMENT**
- Teaching language of the course: **ITALIAN - ENGLISH**
- Link to the course: <https://conservatoriopalermo.it/corsi/corso-di-diploma-di-primo-livello-in-mandolino/>

The Palermo Conservatory is the only one in Sicily and one of the few in all of Italy where it is possible to study the Mandolin, one of the oldest and most typical instruments of our tradition.

Upon completion of their studies in the first-level academic course in Mandolin, students will have acquired the technical knowledge and specific skills to permit them to realise their artistic notions in practice. To this end, special attention will be given to the study of the most representative repertoire of the instrument – including the ensemble – and its actual practice with the constant aim of developing the student's ability to interact within music groups that vary in their composition. These objectives will be achieved by promoting the development of the perceptual ability of the hearing and of memory and by the acquisition of specific knowledge regarding the organisational, compositional and analytical models of music, as well as of their interaction. Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. Moreover, students should acquire competences in the field of improvisation. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as skills in a second language of the European Community.

MASTER'S DEGREE IN MUSICOLOGY AND PERFORMANCE STUDIES **University of Palermo**

- Location: **PALERMO**
- Department: **HUMANITIES**
- Teaching language of the course: **ITALIAN/FRENCH**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/musicology-and-performance-studies/

The Master's degree in Musicology and Performance Studies aims at creating specialists in the fields of Music, Theatre and Film Studies. It allows students to **specialize in two different areas: Musicology (LM 45) or Performance Studies (LM 65)**. Students are required to possess **basic knowledge about History and Theory of Music, History of Theatre and Acting, Film History**. They will acquire advanced knowledge in these fields. They will be able to discuss and analyse musical works, theatrical plays, films and videos of different times and genres. They will also acquire the skills to apply new research approaches and to communicate the result of their research. Moreover, **every year two students will have the opportunity to join a Double Degree Program in cooperation with the Sorbonne University, Paris**.

NEW TECHNOLOGIES FOR ARTS, SPECIALISATION IN DIGITAL ANIMATION **SECOND-LEVEL ACADEMIC DIPLOMA** **Academy of Fine Arts of Palermo**

- Location: **PALERMO**
- Department: **DESIGN AND APPLIED ARTS**
- Teaching language of the course: **ITALIAN, ENGLISH**
- Course delivered online: **YES**
- Link to the course: <http://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-progettazione-e-arti-applicate/>

The aim of the course is to provide students with full understanding of production processes and the relationships between the different roles and professions of animation cinema. The course of study offers an educational path intended for the training of experts and artistic operators, fully qualified to operate in the application of digital multimedia arts, thanks to their high level of preparation. The guiding idea of the course is identifying the specific characteristics and the complexity of these areas, to address the consequent need for technical and theoretical specialization required by the contemporary cultural, social and professional context.

NEW TECHNOLOGIES FOR ARTS, SPECIALISATION IN CINEMA AND VIDEO - SECOND-LEVEL ACADEMIC DIPLOMA Academy of Fine Arts of Palermo

- Location: PALERMO
- Department: DESIGN AND APPLIED ARTS
- Teaching language of the course: ITALIAN, ENGLISH
- Course delivered online: YES
- Link to the course: <http://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-progettazione-e-arti-applicate/>

New technologies for arts, specialisation in Cinema and video.

The aim of the course is to provide students with a full understanding of the production processes and the relationships between the different roles and professions of the cinema and video sector. The course offers an educational path intended for the training of experts and artistic operators, fully qualified to work professionally in cinema, video and new art technologies, thanks to high level training.

OBOE, FIRST-LEVEL ACADEMIC DIPLOMA Music Conservatory "A. Corelli" of Messina

- Location: MESSINA
- Department: WIND INSTRUMENTS
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivered online: YES
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2222&Itemid=476

TRAINING OBJECTIVES

Upon completion of their studies in the first-level academic course in oboe, students will have acquired the **technical knowledge and specific skills to permit them to realise their artistic notions in practice**. To this end, special attention will be given to the study of the most representative repertoire of the instrument– including the ensemble – and its actual practice with the constant aim of developing the student's **ability to interact within music groups that vary in their composition**. These objectives will be achieved by promoting the development of the perceptual ability of the hearing and of memory and by the acquisition of specific **knowledge regarding the organisational, compositional and analytical models of music, as well as of their interaction**.

Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. Moreover, students should acquire competences in the field of improvisation. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as skills in a **second language of the European Community**.

ORCHESTRA CONDUCTION, FIRST-LEVEL ACADEMIC DIPLOMA Music Conservatory "A. Corelli" of Messina

- Location: MESSINA
- Department: THEORY AND ANALYSIS, COMPOSITION AND CONDUCTION
- Teaching language of the course: ITALIAN/ENGLISH
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=4350&Itemid=629

TRAINING OBJECTIVES

Upon completion of their studies in the first-level academic course in Orchestra Conduction, students will have acquired the technical knowledge and specific skills to permit them to realise their artistic notions in practice. To this end, special attention will be given to the study of the main **techniques and compositional languages of different historical periods**. Specific competences must be acquired in the field of **instrumentation, orchestration, transcription and arrangement**. Particular importance is also given to the study of **conducting technique** in its practice and historical references.

These objectives will be achieved by promoting the development of the perceptual ability of the hearing and of memory and by the acquisition of specific knowledge regarding analytical models of music and their historical evolution. At the end

of the three-year period, students should have acquired a thorough understanding of the general **stylistic, historical and aesthetic aspects related to orchestra direction**. Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as skills in a second language of the European Community.

PAINTING – SECOND-LEVEL ACADEMIC DIPLOMA **Academy of Fine Arts of Palermo**

- Location: **PALERMO**
- Department: **VISUAL ARTS**
- Teaching language of the course: **ITALIAN, ENGLISH**
- Course delivered online: **YES**
- Link to the course: <http://www.accademiadipalermo.it>

The course of study for the achievement of the second-level Academic Diploma in Painting enhances the training offer of the Academy of Fine Arts, traditionally functional to the professional sectors of visual arts and cultural heritage. The general objective concerns the development of historical and technical knowledge necessary to realise autonomous projects, interventions in the territory, environmental works, as well as methodological skills for research in the languages of artistic expression and museum communication.

PAINTING, SPECIALISATION IN SACRED ART – SECOND-LEVEL ACADEMIC DIPLOMA **Academy of Fine Arts of Palermo**

- Location: **PALERMO**
- Department: **VISUAL ARTS**
- Teaching language of the course: **ITALIAN, ENGLISH**
- Course delivered online: **YES**
- Link to the course: <https://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-arte-visive/>

Painting, specialisation in Sacred Art

The study course for the achievement of the second level Academic Diploma in Contemporary Sacred Art of the School of Painting aims to train high and specialised artistic skills and qualified professionals, aware of multiple languages, who can develop their individual research in painting, using traditional and experimental techniques, employing new expressive languages in the field of sacred art.

POP MUSIC, FIRST-LEVEL ACADEMIC DIPLOMA **Conservatory “A. Scontrino” of Trapani**

- Location: **TRAPANI**
- Department: **POP/ROCK SINGING**
- Teaching language of the course: **ITALIAN, ENGLISH**
- Course delivered online: **YES**
- Link to the course: <http://www.constp.it/>

The course aims to offer to the students an all-round training, from **elements of anatomy and physiology of the vocal instrument to aspects of musical theory** of the applied musical language, taking into account the peculiarity of each style of singing characterising the vast genre of Pop music.

The course of study also provides the opportunity to master specific skills concerning **psychoacoustics, diction, phonetics and elements of general linguistics** of the language in which one sings, plus all those supra-segmental layers of the language, functional to a convincing interpretation of the style addressed, in view of the effective communication between the singer and the listener.

Ample space will also be given to the **relationship between posture and voice**, to **occlusal/myofunctional problems and sound production**, and to any other factors that influence vocal emission.

The student will acquire skills with respect to **management and body awareness in a progressive acquisition of proprio-**

ceptive awareness aimed at increasing the feedback circuit, essential for an increasingly **good control of the instrument**. Furthermore, at the end of the course of study, the student will have to acquire all the specific aspects of the musical language of the pop styles addressed, in order to achieve general stylistic and aesthetic adequacy.

PRODUCT DESIGN AND VISUAL COMMUNICATION **ABADIR Academy**

- Location: CATANIA – SANT’AGATA LI BATTIATI
- Department: DESIGN
- Course delivery language: ITALIAN
- Online delivery: PARTIAL (BLENDED TEACHING)
- Duration: 3 YEARS (180 ECTS CREDITS)
- Qualification awarded: FIRST LEVEL ACADEMIC DIPLOMA (EQUIVALENT TO A BACHELOR’S DEGREE)
- Link to the course: www.abadir.net/pdcv

Design concerns both the product itself, from the idea to the development and production phases, and the communication of the product and the service activities that give it extra value on the market. The three-year course in Product Design and Visual Communication of The ABADIR Academy provides specific skills in the field of industrial design and in the disciplines related to space planning, such as interior and exhibition design, also combining them with the fundamentals of graphic design and visual communication.

The goal is to train versatile designers, able to follow the entire design process of a product. The teaching ranges from monographic courses to design laboratories, workshops and other practical activities carried out in synergy with professionals in the sector, companies, institutions and associations, adopting, since the first year of the course, a hybridization strategy between academic and job worlds.

RENAISSANCE AND BAROQUE SINGING, FIRST-LEVEL ACADEMIC DIPLOMA **Music Conservatory “A. Corelli” of Messina**

- Location: MESSINA
- Department: ANCIENT MUSIC
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivered online: YES
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2206&Itemid=432

TRAINING OBJECTIVES

Upon completion of their studies in the **first-level academic course in Renaissance and Baroque singing**, students will have acquired the technical knowledge and specific skills to permit them to realise their artistic notions in practice. To this end, special attention will be given to the study of the **most representative repertoire of Renaissance and Baroque singing** – including the ensemble and the polyphonic– and its actual practice with the constant aim of developing the student’s ability to interact within music groups that vary in their composition. These objectives will be achieved by promoting the **development of the perceptual ability of the hearing and of memory and by the acquisition of specific knowledge regarding the organisational, compositional and analytical models of music**, as well as of their interaction.

Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. A further learning objective of the course is the acquisition of appropriate skills in the field of **computing as applied to music as well as skills in a second language of the European Community**.

SCENOGRAPHY, SECOND-LEVEL ACADEMIC DIPLOMA **Academy of Fine Arts of Palermo**

- Location: **PALERMO**
- Department: **DESIGN AND APPLIED ARTS**
- Teaching language of the course: **ITALIAN, ENGLISH**
- Course delivered online: **YES**
- Link to the course: <http://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-progettazione-e-arti-applicate/>

The course of study for the achievement of the second-level academic diploma in Scenography, aims at specialised training in the various professional sectors of theatrical and audio-visual scenography. Students are going to learn about issues regarding stage scenery, and in particular scenography, using traditional and innovative techniques. The two years of specialisation are aimed to provide students with advanced knowledge of the methods in use to set up theatrical and/or cinematographic environments and realise costumes.

SCULPTURE, SPECIALISATION IN MULTIMEDIA INSTALLATIONS **SECOND-LEVEL ACADEMIC DIPLOMA** **Academy of Fine Arts of Palermo**

- Location: **PALERMO**
- Department: **VISUAL ARTS**
- Teaching language of the course: **ITALIAN, ENGLISH**
- Course delivered online: **YES**
- Link to the course: <https://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-arte-visive/>

The course is structured to deepen the design and the realisation of installation works on the territory. It is conceived as a specific specialisation of the three years of Visual Arts, focused on the creation of multimedia installations. The course develops design and creative skills taking into account the interactions between artifacts and spatial context. It aims to train designers in the artistic field who are capable of addressing issues related to the communicative and perceptive aspects of multimedia artistic practices. In line with the creative research and concrete production that characterize fine art Academies, the course is aimed at developing artistic projects to be considered as field experimentation of an overall, innovative approach to the enhancement of artistic practice in the area.

SCULPTURE, SECOND-LEVEL ACADEMIC DIPLOMA **Academy of Fine Arts of Palermo**

- Location: **PALERMO**
- Department: **VISUAL ARTS**
- Teaching language of the course: **ITALIAN, ENGLISH**
- Course delivered online: **YES**
- Link to the course: <https://www.accademiadipalermo.it/index.php/category/didattica/dipartimento/dipartimento-di-arte-visive/>

The second-level Academic Diploma in Sculpture aims to form artistic skills and qualified professionals specialised in shaping forms and materials.

The aim is to provide a preparation functional to the conscious use of creation methods and processes of plastic-visual production in order to develop students' autonomous research in traditional and more innovative sculpture, including also new art trends and most advanced technologies, in line with the pluralism of languages and technological innovations that characterise the contemporary world.

The course proposes the integration of knowledge acquired through manual skills with the knowledge deriving from the introduction of new technologies, paying particular attention to the procedures necessary for their contextual and coherent application.

SOUND ENGINEER, FIRST-LEVEL ACADEMIC DIPLOMA **Music Conservatory "A. Corelli" of Messina**

- Location: MESSINA
- Department: NEW TECHNOLOGIES AND MUSIC LANGUAGES
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivered online: YES
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2720&Itemid=531

TRAINING OBJECTIVES

Upon completion of their studies in the first-level academic course in **Sound Engineering**, students will have acquired the technical knowledge and specific skills to permit them to realise their artistic notions in practice. To this end, special attention will be given to the study of the most representative repertoire of the instrument– including the ensemble – and its actual practice with the constant aim of developing the student’s ability to interact within music groups that vary in their composition. These objectives will be achieved by promoting the development of the **perceptual ability of the hearing and of memory and by the acquisition of specific knowledge regarding the organisational, compositional and analytical models of music, as well as of their interaction.**

Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as skills in a second language of the European Community.

TROMBONE, FIRST-LEVEL ACADEMIC DIPLOMA **Music Conservatory "A. Corelli" of Messina**

- Location: MESSINA
- Department: WIND INSTRUMENTS
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivered online: NO
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2244&Itemid=472

TRAINING OBJECTIVES

Upon completion of their studies in the **first-level academic course in trombone** students will have acquired the technical **knowledge and specific skills to permit them to realise their artistic notions in practice.** To this end, special attention will be given to the study of the most representative repertoire of the instrument– including the ensemble – and its actual practice with the constant aim of developing the student’s ability to interact within music groups that vary in their composition. These objectives will be achieved by promoting the development of the **perceptual ability of the hearing and of memory and by the acquisition of specific knowledge regarding the organisational, compositional and analytical models of music, as well as of their interaction.**

Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. Moreover, students should acquire competences in the field of improvisation. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as **skills in a second language of the European Community.**

VIOLONCELLO, FIRST-LEVEL ACADEMIC DIPLOMA **Music Conservatory "A. Corelli" of Messina**

- Location: MESSINA
- Department: BOWED INSTRUMENTS
- Teaching language of the course: ITALIAN/ENGLISH
- Course delivered online: NO
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2286&Itemid=466

Upon completion of their studies in the first-level academic course in **violoncello**, students will have acquired the technical knowledge and specific skills to permit them to realise their artistic notions in practice. To this end, special attention will be given to the study of the most representative repertoire of the instrument– including the ensemble – and its actual

practice with the constant aim of developing the student's **ability to interact within music groups that vary in their composition**. These objectives will be achieved by promoting the development of the **perceptual ability of the hearing and of memory** and by the acquisition of specific knowledge regarding the organisational, compositional and analytical models of music, as well as of their interaction.

Special care must be devoted to the **acquisition of appropriate techniques for postural and emotional control**. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. A further learning objective of the course is the acquisition of appropriate skills in the field of computing as applied to music as well as skills in a **second language of the European Community**.

VOCAL JAZZ, FIRST-LEVEL ACADEMIC DIPLOMA **Music Conservatory "A. Corelli" of Messina**

- Location: MESSINA
- Department: NEW TECHNOLOGIES AND MUSICAL LANGUAGES
- Teaching language of the course: ITALIAN/ENGLISH
- Link to the course: http://www.consme.it/index.php?option=com_content&view=article&id=2208&Itemid=431

TRAINING OBJECTIVES

Upon completion of their studies in the first-level academic course in Vocal jazz, students will have acquired the technical knowledge and specific skills to permit them to realise their artistic notions in practice. To this end, special attention will be given to the study of the most representative repertoire of their instrument, including ensemble performance, and its actual practice with the constant aim of developing the student's ability to interact within music groups that vary in their composition. These objectives will be achieved by promoting the development of the perceptual ability of the hearing and of memory and by the acquisition of specific knowledge regarding the **organisational, compositional and analytical models of music, as well as of their interaction**.

Special care must be devoted to the acquisition of appropriate techniques for postural and emotional control. At the end of the three-year period, students should have acquired a thorough understanding of the general stylistic, historical and aesthetic aspects related to their specific field. Students must also acquire specific skills relating to the field of music improvisation. A further learning objective of the course is the acquisition of appropriate **skills in the field of computing as applied to music** as well as skills in a **second language of the European Community**.

INSTITUTE OF MUSICAL STUDIES "V. BELLINI" **Caltanissetta**

The **Higher Institute of Musical Studies "V. Bellini"**, defined by the reform process (Law n.508/1999), is one of the AFAM institutions at the university level, and it awards "Three-year and biennial **Academic Diplomas of the First and Second Levels**".

THE INSTITUTE HAS SIX DEPARTMENTS:

- **Department of Singing and Musical Theatre including the following courses:** Singing, Theory and Technique of Scenic Interpretation, Piano Collaborator
- **Wind instruments department** including the following courses: Flute, Oboe, Clarinet, Bassoon, Horn, Trumpet, Trombone, Euphonium, Bass Tuba, Saxophone
- **Department of String and String Instruments** including the following courses: Harp, Guitar, Mandolin, Violin, Viola, Cello, Double
- **Piano, Keyboard and Percussion Instruments Department** including the following courses: Piano, Piano – Master Collaborator, Organ, Accordion, Percussion, Instruments
- **Department of General Music** including the following courses: General music for wind instruments, General music for strings instruments, Chamber Music, Orchestral training, Choral training
- Department of analytical and musicological theoretical/practical disciplines including the following courses: Composition, Theory, Rhythmic and Musical Perception, Harmony Theory and Analysis, History of Music, Poetry for Music and Musical Dramaturgy, Piano Practice.

To meet the increasingly pressing demands of musical culture coming from the different local realities during the early 1970s, the Provincial Administration of Caltanissetta decides to start a **cultural path by establishing a Musical Institute, named after the Sicilian musician “V. Bellini”**, activating 5 Schools (**Violin, Cello, Piano, Flute, Singing and Guitar**) and the related **Complementary Courses**; and after the first few years it is converted into a conservatory according to D.P.R. n 639 of the 19/10/1979.

And so, the “Vincenzo Bellini” Musical Institute begins a process that is continually growing. During the 1980s, new schools were established which regularly obtain the conversion. With Law 508/99 of the **Reform of Italian Musical Education**, the Institute begins a gradual transformation process, fully compliant with all the ministerial standards.

“Vincenzo Bellini” Musical Institute is entirely part of the AFAM (High Artistic Musical Training) Institution of the Ministry of University and Research. It represents a benchmark institution for academic musical education within the territory.

To provide an adequate theoretical and practical preparation to access the Preparatory Courses established with D.M. 382 of 11.05.2018., the “V. Bellini” institute of Caltanissetta organizes non-curricular but recurrent and permanent study courses within the framework of its statutory autonomy, called **Music Training Courses** (duration 5 years)

The artistic and musical production activity flows into projects called.

- **“Grandi firme per la didattica”** masterclasses open to students also from other institutions held by renowned artists and teachers operating in national and international circuits
- The **“Bellini Concert Season”**, concerts held by the Masterclasses artists
- The **“Concerti dell’ Atrio”**, summer concerts held by the best students;
- **Promotional activities** in public and private institutions and/or

The Institute has both a Chamber Orchestra and a Wind Orchestra, along with numerous chamber groups.

1ST AND 2 LEVEL THREE-YEAR ACADEMIC COURSES

- flute
- oboe
- clarinet
- bassoon
- horn
- trumpet
- trombone
- euphonium
- bass tuba
- saxophone
- violin
- viola
- cello
- double bass
- guitar
- mandolin
- harp
- singing
- percussion instruments
- piano
- composition
- master collaborator
- harmonium
- accordion

2ND LEVEL TWO-YEAR ACADEMIC COURSES

- theories and techniques in music therapy
- ensemble music adress chamber music
- composition.

STATE MUSIC CONSERVATORY "ARTURO TOSCANINI" **Ribera-Agrigento**

Bachelor and Master Degree in music disciplines (based on the chosen Academic Course)

Website: www.conservatoriotoscanini.it

COURSES CATALOG

Under the Academic Council Resolution no. 12/12 and 24/15 are active 7 departments:

- Singing and Music Theater Department
- Wind instruments Department
- Keyboard Instruments Department
- String instruments Department
- Theory, Analysis, Composition and Conducting Department
- Chamber Music Department
- New technologies and musical languages (Jazz and Pop-Rock Department)

The Academic courses (AFAM – Artistic Musical High Education) are divided in two different levels:

I LEVEL (THREE YEARS- BACHELOR)

- Electric bass
- Tuba
- Jazz drums and percussion
- Singing
- Jazz Singing
- Guitar
- Jazz guitar
- Clarinet
- Double bass
- Horn
- Euphomium
- Flute
- Piano
- Jazz Piano
- Jazz saxophone
- Percussion instruments
- Trumpet
- Jazz trumpet
- Trombone
- Viola
- Violin
- Cello
- Pop-rock electric bass
- Pop-rock singing
- Pop-rock guitar
- Pop-rock piano
- Pop-rock drums and percussion

II LEVEL (TWO YEARS – POST GRADUATE DEGREE/MASTER DEGREE)

- Electric bass
- Tuba
- Jazz drums and percussion
- Singing
- Jazz Singing
- Guitar
- Jazz guitar
- Clarinet
- Double bass
- Horn

- Euphonium
- Flute
- Chamber music
- Piano
- Jazz Piano
- Jazz saxophone
- Percussion instruments
- Trumpet
- Jazz trumpet
- Trombone
- Viola
- Violin
- Cello

STATE MUSIC CONSERVATORY “ARTURO TOSCANINI” of Ribera-Agrigento

- Location: **RIBERA**
- Department:
Singing and Music Theater Department
Wind instruments Department
Keyboard Instruments Department
String instruments Department
Chamber music Department
New technologies and musical languages (Jazz and Pop-Rock Department)
- Teaching language of the course: **ITALIAN/ENGLISH**
- Course delivery online: **YES**
- Link to the course of Bachelor Degree: <https://www.conservatoriotoscanini.it/piani-di-studio-dei-corsi-accademici-ordinamentali-di-primo-livello/>
- Link to the course of Master Degree: <https://www.conservatoriotoscanini.it/diploma-accademico-di-secondo-livello/>

TRAINING OBJECTIVES OF BACHELOR DEGREE:

After the completion of the Bachelor’s Degree in each Course, the students will have acquired technical skills and specific knowledge to such an extent that they will be able to plan and develop their own artistic ideas concretely.

To this end, particular emphasis will be given to the study of the most representative repertoire of the instrument - including the overall repertoire - and its performance practices, also with the aim of developing the student’s ability to interact within differently composed musical groups. These objectives must also be achieved by encouraging the development of perceptual ability, hearing and memorization and by acquiring specific knowledge of the organizational, compositional and analytical models of music and their interaction. Specific care should be dedicated to the acquisition of appropriate postural and emotional control techniques. At the end of the three-year period, students must have acquired an in-depth knowledge of stylistic, aesthetic and historical aspects related to their specific field. Moreover, with reference to the specificity of the individual courses, the student must possess adequate skills related to the field of improvisation. The training objective of the course is also the acquisition of adequate skills in the field of music informatics as well as those related to a second community language.

TRAINING OBJECTIVES OF SECOND LEVEL/MASTER DEGREE:

Upon obtaining the title, the second level Academic Graduates according to the chosen musical instrument will have obtained:

1. artistic personality and high professional level that allows them to realize and express their artistic concepts;
2. a good knowledge of instrumental/interpretative styles and techniques relating to them, of the historical and contemporary repertoire such as to enable them to produce themselves in a wide range of different contexts;
3. ability to interpret in a distinctive and personal way, music of the historical and contemporary repertoire, to adequately provide their contribution with artistic professionalism both as soloist, in chamber groups and orchestral teams, to develop further and independently their own aesthetic trends in a particular area of specialization, or to relate knowledge with practical skills to strengthen their artistic development, or to represent in writing their artistic concepts, to undertake in an organized way artistic projects in new or unknown contexts, also in staff with experts from other artistic areas, in the context of musical theater or the productive world.

Optionally among the subjects chosen, the 24 CFA, indispensable for participation in the Competition for teaching in schools; adequate postural and emotional control techniques; adequate skills in the field of musical computer science as well as those relating to a second community language.

The graduated students of State Musica Conservatory “Arturo Toscanini” who get an Academic Diploma - first and second level - obtain automatically and free of charge the Diploma Supplement (DS) in accordance with the model developed by the European Commission, Council of Europe and UNESCO.

HISTORY

MASTER'S DEGREE IN HISTORY, ANTHROPOLOGY AND GEOGRAPHY University of Palermo

- Location: PALERMO
- Department: CULTURES AND SOCIETIES
- Teaching language of the course: ITALIAN
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/history-anthropology-and-geography/

The 2nd cycle Degree in History, Anthropology and Geography provides specialist knowledge of historical issues related to Europe in the global context, and of the issues related to man-environment relation particularly in the modern and contemporary age.

The **historical curriculum** trains students in the methodologies of **research and production of historical knowledge**, taking into account the acquisitions and revisions of the historiographical tradition, especially in terms of the critical treatment of documentary, narrative and other sources, also in light of the current use of information technology. Specifically investigated areas are those of political history and of economic, institutional, social, cultural and religious history.

In the **anthropological-geographic curriculum**, the Course aims at building specialized skills in **anthropological and geographic studies**, both under the theoretical and methodological perspective, designed to deal critically with geographic information systems and cartographic representations and to elaborate models of reading and interpretation of complex territorial systems, thanks to the use of information and multimedia technologies.

INFORMATION TECHNOLOGY

BACHELOR'S DEGREE IN DATA ANALYSIS University of Messina

- Location: MESSINA
- Department: MATHEMATICS, COMPUTER SCIENCE, PHYSICS AND EARTH SCIENCE
- Scientific coordinator: PROF. MASSIMO VILLARI - mvillari@unime.it
- Duration: 3 YEARS
- Link to the course: <https://www.unime.it/didattica/corsi-di-laurea-triennali-e-ciclo-unico/informatica>

PROGRAMME OVERVIEW

Huge volumes of heterogeneous data are continuously being generated by people and computer systems in the rapidly evolving modern world. This data, commonly referred to as “Big Data”, needs to be properly processed. The Bachelor's Degree in Data Analysis will produce data scientists whose solid technical background is complemented by a multidisciplinary preparation in various fields where Big Data is present. Data scientists are in high demand by Industry 4.0, consulting companies and public institutions. Data scientists are needed to design and implement computer systems able to store, manage and analyse Big Data, as well as provide managers and stakeholders with a clear report of their results so that they can make critical decisions. Furthermore, this degree entitles graduates to participate in engineering licensing exams to work as engineers. Skills acquired in this programme include: • design and development of complex and innovative Cloud/Edge/Fog computing and Internet of Things (IoT) systems able to store and manage Big Data; • experimental design and development of complex Big Data analytics algorithms based on the most recent Artificial Intelligence (AI) techniques including Machine Learning and Deep Learning; • capacity of adaption to any inter-disciplinary working environment

that requires data Analysis expertise. Bachelor's Degree in Data Analysis Scientific coordinator Prof. Massimo Villari mvillari@unime.it Department Mathematic's and Computer Science, Physics and Earth Science Duration 3 years.

MINIMAL ENTRY REQUIREMENTS

An Italian secondary school diploma or a certified foreign equivalent demonstrating 12 years of study is required.

LANGUAGE REQUIREMENTS

International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B2 level of the Common European Framework of Reference.

STUDY PROGRAMME

The Bachelor's Degree in Data Analysis belongs to the classification of the Computer Science degree (L-31).

YEAR I

Calculus; Discrete mathematics; Mathematics for data analysis; Physics Programming; Object-oriented programming; Algorithms and data structures.

YEAR II

Computer architecture; Computer networks; Operative systems; Database; Software engineering; Cloud computing; System security; Statistical methods and models.

YEAR III

Web programming; Data mining & analytics; Machine learning; Technology and Innovation; Wireless sensor networks; Enterprise internship Thesis.

INTERNATIONAL OPPORTUNITIES

UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year. Another opportunity for students is the UniME Funded programme "Students Around the World" (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.

TUITION FEES

A fixed fee (€ 156.00) and a remaining amount of tuition calculated on the basis of a sliding scale. For further information go to <https://international.unime.it/studying/fees-and-fundings>.

MASTER'S DEGREE IN DATA SCIENCE **University of Messina**

- Location: MESSINA
- Department MATHEMATICS, COMPUTER SCIENCE, PHYSICS AND EARTH SCIENCE
- Scientific coordinator: PROF. MASSIMO VILLARI - massimo.villari@unime.it
- Duration: 2 YEARS
- Link to the course: <https://data-science.cdl.unime.it/en>

PROGRAMME OVERVIEW

The Master's Degree Course in Data Science is aimed at all Bachelor's Degree graduates who are interested in deepening information and artificial intelligence technologies useful for selecting, processing, analyzing large amounts of data, applying this knowledge in corporate decision-making processes, in order to extract added value in various application areas. Three curriculum are available: Information and Communication Technology (ICT), investigating Big Data, Software Defined Networking, Cloud, Edge Computing and the Internet of Things (IoT); Economics, exploring the principles of Data Economy, Data-driven Business and Business Intelligence; and Forensics, investigating intelligent anti-fraud, anticrime, forensic, fakeness, data governance and digital sovereignty systems.

MINIMAL ENTRY REQUIREMENTS

A Bachelor's Degree of scientific or economics area is mandatory. Basic certified knowledges of mathematics and computer science are required.

LANGUAGE REQUIREMENTS

International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B2 level of the Common European Framework of Reference.

STUDY PROGRAMME

Data Science class degree (LM-DATA)

YEAR 1

Common to all curriculum:

- Probability and Statistical Inference
- Advanced algorithms and computational models
- Modelling for data Analysis: module “Optimization for data science”, module “Statistical models for large datasets”
- Intelligent Systems and Machine Learning
- Data Security, Privacy and Blockchain
- Private Law for Information Technology

YEAR 2

Curriculum ICT

- High performance Computing
- Digital Management for Data Science
- Big Data: module “Big Data Acquisition”, module “Big Data Analytics”
- Machine Learning in the Cloud and at the Edge
- Deep Learning Algorithms
- Class of student’s choice (among suggested ones)
- Further linguistic knowledges
- Activities of student’s choice
- Internship
- Thesis

Curriculum Economy

- High performance Computing
- Digital Management for Data Science
- Big Data: module “Big Data Acquisition”, module “Big Data Analytics”
- Information Security Management Systems
- Emerging Technologies for Accounting and Accountability
- Class of student’s choice (among suggested ones)
- Further linguistic knowledges
- Activities of student’s choice
- Internship
- Thesis

Curriculum Forensics

- High performance Computing
- Digital Management for Data Science
- Artificial Intelligence for forensics: module “Statistics for forensics science”, module “Bio-inspired Artificial Intelligence”
- Bioinformatics and genetics with application in Forensic Sciences
- Crime Scene Investigation
- Class of student’ choice (among suggested ones)
- Further linguistic knowledges
- Activities of student’s choice
- Internship
- Thesis

TUITION FEES

A fixed fee (€ 156.00) and a remaining amount of tuition calculated on the basis of a sliding scale. For further information go to <https://international.unime.it/studying/fees-and-fundings>.

MASTER'S DEGREE IN GEOPHYSICAL SCIENCES FOR SEISMIC RISK

University of Messina

- Location: MESSINA
- Department: MATHEMATICS AND COMPUTER SCIENCE, PHYSICS AND EARTH SCIENCE
- Scientific coordinator: PROF. DEBORA PRESTI - dpresti@unime.it - geoforum@unime.it
- Duration: 2 YEARS
- Link to the course: <https://www.unime.it/didattica/corsi-di-laurea-magistrale/geophysical-sciences-seismic-risk>

PROGRAMME OVERVIEW

Messina is paradigmatic of seismicity with its millennial history of devastating earthquakes and has a strong tradition in seismic monitoring and geophysical academic studies. In its long history, Messina (as whole Sicily) has been the heart of integration of cultures and populations coming from different countries and continents. For all these reasons, Messina is an ideal place for international research cooperation and high formation in Geophysics, with particular reference to earthquakes and seismic risk. The Master's degree course will furnish, in particular, practical skills through laboratory, field activities and training in private companies and professional institutions. The student can also decide to work with the support of Unime professors on the topic of seismic risk in his/her country or region of origin. International mobility is highly encouraged. This highformation programme has agreements with various international partners with great expertise in the field of seismic risk:

- University of Thessaloniki (Greece);
- University of Istanbul Bogazici (Turkey);
- University of Malta.

MINIMAL ENTRY REQUIREMENTS

Candidates must hold a Bachelor's Degree (or equivalent) in scientific courses, with basic knowledge of Earth Sciences to be admitted. The course commission will evaluate the candidate's qualifications for admission.

LANGUAGE REQUIREMENTS

English B2 level based on the CEFR is required. The language level of the Cambridge Assessment admission IMAT test is considered above the B2 level of knowledge.

STUDY PROGRAMME

YEAR 1

Physics of Environmental Processes; Prevention of Earthquake Disasters (Mod.A: Seismic Monitoring and Surveillance - Mod.B: Seismic Risk); Earthquake Geotechnical Engineering; Additional Language Skills; Earth Shallow Structure and Seismic Response (Mod.A: Active and Passive Seismology - Mod.B: Laboratory of Seismic Data Processing and Field Campaign); Environmental Geology; Fundamentals and Applications of Petrology; Geophysical tools (Mod.A: Geophysical Observation Methods and Remote Sensing - Mod.B: Tsunami Risk).

YEAR 2

Quaternary Geology and Active Tectonics; Applied Geology and Land Planning; Physics for Cultural Heritage Protection; Dynamics of Structures; Seismo-induced Chemical Risk; Student Choice Disciplines and/or Activities; Training Course; Thesis.

INTERNATIONAL OPPORTUNITIES

UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year. Another opportunity for students is the UniME Funded programme 'Students Around the World' (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.

JOB OPPORTUNITIES

There are several job categories available for graduates, i.e. consulting, academic, government and local State administration. This degree prepares specialists in geophysics and geology to work in management roles in private and public organisations; consulting can be carried out for insurance companies, construction companies, etc. Graduates will be qualified to apply for the professional role of Senior Geologist in Italy. They can also work with civil engineers, land planners and civil protection officers. Another application is a profession in the area of Seismic Protection of Cultural Heritage Buildings, with a main focus on the high seismic risk region of the Mediterranean Sea.

TUITION FEES

A fixed fee (€ 156.00) and a remaining amount of tuition calculated on the basis of a sliding scale. For further information go to <https://international.unime.it/studying/fees-and-fundings>.

MASTER'S DEGREE IN PHYSICS: CONDENSED MATTER PHYSICS

University of Messina

- Location: MESSINA
- Department: MATHEMATICAL AND COMPUTER SCIENCE, PHYSICAL SCIENCES AND EARTH SCIENCE
- Scientific coordinator: PROF. GIUSEPPE MANDAGLIO - giuseppe.mandaglio@unime.it - didattica.mift@unime.it
- Duration: 2 YEARS
- Link to the course: <https://www.unime.it/didattica/corsi-di-laurea-magistrale/physics>

PROGRAMME OVERVIEW

This degree course consolidates knowledge in physics and related areas. Students develop flexible but rigorous mental skills that enable them to work in activities requiring a thorough knowledge of the main physical theories. They will also acquire the ability to learn innovative methodologies and technologies and apply them to interdisciplinary fields. This degree programme provides a background in experimental and theoretical physics across all the specialised areas of the different curricula. The aim of the Master's Degree in Physics is to prepare tomorrow's professionals in the field of physics with consolidated knowledge areas. The graduates will have the skills to address basic and applied scientific research, and the knowledge to design and develop new strategies appropriate to different issues. The Master's degree programme in Physics offers three curricula:

1. Condensed Matter Physics
2. Nuclear Physics (taught in Italian)
3. Applied Physics (taught in Italian)

MINIMAL ENTRY REQUIREMENTS

Students should have a Bachelor's Degree or equivalent three-year degree in Physics.

LANGUAGE REQUIREMENTS

International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B2 level of the Common European Framework of Reference.

STUDY PROGRAMME

YEAR 1

Advanced quantum physics; Data analysis; Solid state physics; Further language skills; Statistical physics; Quantum Optics and Technologies; Nanophysics and nanotechnology.

YEAR 2

Material physics laboratory; Micro-optic electronic devices; Computational physics; Spintronics or Advanced chemistry or Applied mathematics; Master thesis and final exam.

INTERNATIONAL OPPORTUNITIES

UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year. Another opportunity for students is the UniME Funded programme 'Students Around the World' (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.

TUITION FEES

A fixed fee (€ 156.00) and a remaining amount of tuition calculated on the basis of a sliding scale. For further information go to <https://international.unime.it/study-us/fees-and-fundings>.

SHORT-CYCLE HIGHER EDUCATION IN WEB AND MOBILE DEVELOPMENT

Higher Technical Institute “Steve Jobs”

- Location: CATANIA
- Department: VIA MADDEM 153
- Teaching language of the course: ITALIAN/ENGLISH
- Teachers: ICT PROFESSIONALS AND UNIVERSITY TEACHERS
- Link to the course: <https://stevejobs.academy/corsi/>

In the **Web and Mobile Development course**, students will learn the **ICT languages** and the latest technologies, most requested by companies.

Libraries and frameworks such as NodeJS, React, MongoDB and Bootstrap; languages such as Swift, Java, Typescript, JavaScript and HTML5.

CONTENTS:

- Developing in an Agile way
- Creating web pages using HTML5, CSS3, Bootstrap and Sass
- Understanding and use Client Server and Cloud architectures
- Creating and maintain non-native apps using Angular, React, NodeJS, Ionic
- Developing native apps for iOS and Android
- Using the most popular programming languages such as Swift, Java, Javascript and Typescript
- Creating sites with the most popular CMS such as WordPress and Magento etc
- Managing relational (MySQL) and non-relational (Mongo) databases
- Manipulating Big Data with Hive
- Managing workflows with Git, GitHub and GitLab
- The course also offers Industry 4.0 enabling technologies and specifically develops enabling skills in BIG DATA AND ANALYTICS and CLOUD.

The course has a duration of 1,800 hours organised as follows:

- 1,080 hours of lessons with academics and ICT professionals;
- 720 hours of internship in companies in the ICT sector.

SHORT-CYCLE HIGHER EDUCATION IN MECHATRONICS

Higher Technical Institute “Steve Jobs”

- Location: CATANIA (in collaboration with the multinational ST MICROELECTRONICS)
- Department: VIA MADDEM 153
- Teaching language of the course: ITALIAN/ENGLISH
- Teachers: ICT PROFESSIONALS AND UNIVERSITY TEACHERS

Link to the course: <https://stevejobs.academy/corsi/>

In the **INDUSTRY 4.0 & SMART MANUFACTURING TECNOLOGIST-**, students will learn the **MECHATRONICS s** and the latest technologies 4.0, most requested by companies.

The Higher Technician for Automation and Mechatronic Systems works in the context of the solutions used to create, integrate and control automatic machines and systems intended for the most diverse types of production.

This is thanks to the use of interface devices between the controlled machines and the programmable devices.

CONTENTS:

Mathematics, physics, fundamentals of computer science, programming, IOT, industrial automation, mechanics, electronics, electrical engineering, data management, quality control.

The course has a duration of 1,800 hours organised as follows:

- 1,080 hours of lessons with academics and ICT professionals;
- 720 hours of internship in companies in the sector.

SHORT-CYCLE HIGHER EDUCATION IN CYBER SECURITY **Higher Technical Institute “Steve Jobs”**

- Location: CATANIA
- Department: VIA MADDEM 153
- Teaching language of the course: ITALIAN/ENGLISH
- Teachers: ICT PROFESSIONALS AND UNIVERSITY TEACHERS
- Link to the course: <https://stevejobs.academy/corsi/>

In the **CYBER SECURITY**-, students will learn in managing the security of networks and IT systems, one of the most requested skills by companies. They will address the main security standards, learn how to implement them and how to evaluate the elements of vulnerability of a network. They will become an expert in data protection and IT security issues, in order to plan new services by design and protect existing digital systems and data from possible external attacks.

CONTENTS:

- Mathematics
- Public administration
- Networks and systems
- Interconnection infrastructures
- Cybersecurity
- Development/programming
- Virtualization and cloud
- Databases

The course has a duration of 2000 hours organised as follows:

- 1200 hours of lessons with academics and ICT professionals;
- 800 hours of internship in companies in the sector.

SHORT-CYCLE HIGHER EDUCATION IN WEB AND MOBILE DEVELOPMENT **Higher Technical Institute “Steve Jobs”**

- Location: CALTAGIRONE
- Department: VIA DELLE FRANCESCANE 11
- Teaching language of the course: ITALIAN/ENGLISH
- Teachers: ICT PROFESSIONALS AND UNIVERSITY TEACHERS
- Link to the course: <https://stevejobs.academy/corsi/>

In the **Web and Mobile Development** course, students will learn the **ICT languages** and the latest technologies, most requested by companies.

Libraries and frameworks such as NodeJS, React, MongoDB and Bootstrap; languages such as Swift, Java, Typescript, JavaScript and HTML5.

CONTENTS:

- Developing in an Agile way
- Creating web pages using HTML5, CSS3, Bootstrap and Sass
- Understanding and use Client Server and Cloud architectures
- Creating and maintain non-native apps using Angular, React, NodeJS, Ionic
- Developing native apps for iOS and Android
- Using the most popular programming languages such as Swift, Java, Javascript and Typescript
- Creating sites with the most popular CMS such as WordPress and Magento etc
- Managing relational (MySQL) and non-relational (Mongo) databases
- Manipulating Big Data with Hive
- Managing workflows with Git, GitHub and GitLab

The course also offers Industry 4.0 enabling technologies and specifically develops enabling skills in BIG DATA AND ANALYTICS and CLOUD.

The course has a duration of 1,800 hours organised as follows:

- 1,080 hours of lessons with academics and ICT professionals;
- 720 hours of internship in companies in the ICT sector

SHORT-CYCLE HIGHER EDUCATION IN WEB AND MOBILE DEVELOPMENT **Higher Technical Institute “Steve Jobs”**

- Location: **PALERMO** (in collaboration with the multinational TOPNETWORK Spa)
- Department: **VIA LEONARDO DA VINCI 364**
- Teaching language of the course: **ITALIAN/ENGLISH**
- Teachers: **ICT PROFESSIONALS AND UNIVERSITY TEACHERS**
- Link to the course: <https://stevejobs.academy/corsi/>

In the **Web and Mobile Development course**, students will learn the **ICT languages** and the latest technologies, most requested by companies.

Libraries and frameworks such as NodeJS, React, MongoDB and Bootstrap; languages such as Swift, Java, Typescript, JavaScript and HTML5.

CONTENTS:

- Developing in an Agile way
- Creating web pages using HTML5, CSS3, Bootstrap and Sass
- Understanding and use Client Server and Cloud architectures
- Creating and maintain non-native apps using Angular, React, NodeJS, Ionic
- Developing native apps for iOS and Android
- Using the most popular programming languages such as Swift, Java, Javascript and Typescript
- Creating sites with the most popular CMS such as WordPress and Magento etc
- Managing relational (MySQL) and non-relational (Mongo) databases
- Manipulating Big Data with Hive
- Managing workflows with Git, GitHub and GitLab

The course also offers Industry 4.0 enabling technologies and specifically develops enabling skills in BIG DATA AND ANALYTICS and CLOUD.

The course has a duration of 1,800 hours organised as follows:

- 1,080 hours of lessons with academics and ICT professionals;
- 720 hours of internship in companies in the ICT sector.

SHORT-CYCLE HIGHER EDUCATION IN DEVELOPMENT & DATA ANALYSIS **Higher Technical Institute “Steve Jobs”**

- Location: **CATANIA**
- Department: **MATHEMATICS AND ICT**
- Teaching language of the course: **ENGLISH**
- Link to the course: <https://stevejobs.academy/corsi/>
- Teachers: **ICT PROFESSIONALS AND UNIVERSITY TEACHERS**

In the **Development and Data Analysis course**, students will learn the **ICT languages** and the latest technologies, most requested by companies.

Libraries and frameworks such as NodeJS, React, MongoDB and Bootstrap; languages such as Swift, Java, Typescript, JavaScript and HTML5.

CONTENTS:

- Developing in an Agile way
- Creating web pages using HTML5, CSS3, Bootstrap and Sass
- Understanding and use Client Server and Cloud architectures
- Creating and maintain non-native apps using Angular, React, NodeJS, Ionic
- Developing native apps for iOS and Android
- Using the most popular programming languages such as Swift, Java, Javascript and Typescript
- Creating sites with the most popular CMS such as WordPress and Magento etc
- Managing relational (MySQL) and non-relational (Mongo) databases
- Manipulating Big Data with Hive
- Managing workflows with Git, GitHub and GitLab

The course also offers Industry 4.0 enabling technologies and specifically develops enabling skills in BIG DATA AND ANALYTICS and CLOUD.

The course has a duration of 1,800 hours organised as follows:

- 1,080 hours of lessons with academics and ICT professionals;
- 720 hours of internship in companies in the ICT sector.

SHORT-CYCLE HIGHER EDUCATION IN WEB & GAME DEVELOPMENT Higher technical Institute "Steve Jobs"

- Location: CALTAGIRONE
- Link to the course: <https://stevejobs.academy/corsi/>
- Teachers: ICT PROFESSIONALS AND UNIVERSITY TEACHERS

In the **Web & Game Development** course, students will learn the **languages and the latest technologies**, most requested by companies. Libraries and frameworks such as NodeJS, React, MongoDB and Bootstrap; languages such as Swift, Typescript, JavaScript and HTML5.

In addition, there are modules to understand, analyse and work in the world of video game development.

CONTENTS:

- Developing in an Agile way
- Creating web pages using HTML5, CSS3, Bootstrap and Sass
- Understanding and use Client Server and Cloud architectures
- Creating and maintain non-native apps using Angular, React, NodeJS, Ionic
- Creating sites with the most popular CMS such as WordPress and Magento etc.
- Unity framework

Duration: 1,800 hours of which:

- 1,080 hours of lessons with university teachers and professionals;
- 720 hours of internship in companies in the ICT sector

SHORT-CYCLE HIGHER EDUCATION IN DEVELOPMENT & DATA ANALYSIS Higher Technical Institute "Steve Jobs"

- Location: PALERMO (in collaboration with the multinational Exprivia Spa)
- Link to the course: <https://stevejobs.academy/corsi/>
- Teachers: ICT PROFESSIONALS AND UNIVERSITY TEACHERS

In the Development and Data Analysis course, students will learn the **ICT languages and the latest technologies** most requested by companies.

Libraries and frameworks such as NodeJS, React, MongoDB and Bootstrap; languages such as Swift, Java, Typescript, JavaScript and HTML5.

CONTENTS:

- Developing in an Agile way
- Creating web pages using HTML5, CSS3, Bootstrap and Sass
- Understanding and use Client Server and Cloud architectures
- Creating and maintaining non-native apps using Angular, React, NodeJS, Ionic
- Developing native apps for iOS and Android
- Using popular programming languages such as Swift, Java, Javascript and Typescript
- Creating sites with the most popular CMS such as WordPress and Magento etc
- Managing relational (MySQL) and non-relational (Mongo) databases
- Manipulating Big Data with Hive
- Managing workflows with Git, GitHub and GitLab

The course also offers Industry 4.0 enabling technologies and in particular, develops BIG DATA AND ANALYTICS and CLOUD enabling skills.

Duration: 1,800 hours of which:

- 1,080 hours of lessons with academics and ICT professionals;
- 720 hours of internship at Exprivia Spa

ITALIAN LANGUAGE AND LITERATURE

MASTER'S DEGREE IN ITALIAN STUDIES University of Palermo

- Location: PALERMO
- Department: ITALIANISTICS
- Teaching language of the course: ITALIAN, ENGLISH
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/italianistics/

The Master's degree in **Italian Studies** aims to provide a deep disciplinary preparation and adequate tools to train experts in **Italian culture, language and literature**. The course is structured in order to allow students to consolidate and expand their knowledge, to improve their philology, linguistic, historical-literary skills. At the end, students will have the necessary **critical orientation skills in historical-literary phenomena** and in the **analysis of texts**; they will be able to produce and manage oral texts and professional writing in the field of Italian Linguistics and Literature.

The programme proposes also to link the Italian linguistic and literary tradition with the European one, and with the founding junctions of the respective traditions, thus favoring the classical (fundamentally Latin) and Romance inheritance.

SCHOOL OF ITALIAN LANGUAGE AND CULTURE University of Catania

- Location: CATANIA
- Department: DIPARTIMENTO DI SCIENZE UMANISTICHE
- Link to the course: <http://www.italstra.unict.it/en>

DESCRIZIONE DELLA SCUOLA

The School of Italian Language and Culture is a **Special Teaching Structure of the University of Catania** founded in 2016, on a proposal of the Department of Humanities, to **promote the historical and advanced knowledge of Italian Language and Culture for foreign students and workers**.

The courses of Italian language held by the School in two semesters (October-February and March-June) are structured along the lines of the Common European Framework of Reference for Languages (CEFR) and are separated into **beginners, intermediate, and advanced**.

To study Italian Language and Culture in Catania means to live a **unique experience in one of the most beautiful cities in Sicily**.

Catania is a multifaceted city. Embedded between Mount Etna and the clear sea, Catania is a city of art rich traces of the **Greek and Roman culture** and the **starting point for Baroque routes**. It is famous for the kindness of its inhabitants and for its bright and lively nightlife. It is just the right place to combine learning and having fun.

MEDICINE AND SURGERY

BACHELOR'S DEGREE IN APPLIED PHARMACEUTICAL SCIENCES University of Catania

- Location: CATANIA
- Department: PHARMACEUTICAL SCIENCES
- Teaching language of the course: ITALIAN
- Course delivered online: NO
- Link to the course: http://www.ds.unict.it/corsi/l-29_sfa

The achievement of the Degree leads to the following professional activities as a freelancer or employee in:

- Herbalist shops;
- Pharmacies and Parapharmacies (as head of the herbal department);
- Point of sale for plant-based health products;
- Industries in the herbal/nutraceutical, phytocosmetic and dietary-food sectors (production or marketing companies);
- Laboratories, institutions or organisations for quality control/certification of herbal/nutraceutical products;
- Scientific information activities on behalf of manufacturing companies within the sector;
- Consultancy activities at herbal laboratories and production or marketing companies regarding notifications of plant-based food supplements;
- Industry sectors for the promotion and advertising of products based on officinal and aromatic plants;
- Structures of the National Health Service.

CURRICULUM IN ENVIRONMENTAL AND FOOD TOXICOLOGY

The attainment of the degree allows the exercise of the following **professional activities**:

1. analytical, biochemical, microbiological and toxicological control activities in order to ensure the safety of the environment and the quality of food;
2. acquisition and critical interpretation of scientific documentation for human risk assessment relating to the presence of toxic substances in food and the environment;
3. collaboration in the definition of plans and procedures for the management of safety and health, quality, and environmental and food problems, according to specific regulations.

Graduates can find **employment** in:

- Centres for toxicological and environmental analysis;
- institutions in charge of drafting technical regulations or certifying food products;
- consulting companies;
- structures of the National Health System;
- industries (chemicals, production activities in general, chemical/pharmaceutical, food, aromatic preparation, cosmetic products and hygiene products);
- public/private companies for waste treatment, water treatment, livestock sector, food industries, other production activities;
- universities and other public and private research institutes and bodies, structures of the National Health System, bodies responsible for the elaboration of environmental/food regulations on health issues;
- regional Agencies for Environmental Prevention (A.R.P.A.);
- freelance professional (legislative decree no. 8108; certification systems ISO900,14000 etc., HCCP and toxicological and quality control in food companies).

The course grants the access to the state qualification exam for the following regulated **professions**:

1. in accordance with the Presidential Decree 5/6/2001 no. 328, graduates in Applied Pharmaceutical Sciences can access the state exams for registration in section B of the professional register of chemists;
2. graduates in Applied Pharmaceutical Sciences, specialised in Herbal Sciences and Nutraceutical Products can access the qualifying exams for the profession of Graduate Agricultural technician, and Agricultural Technician. The Course prepares for the following professions, identified by ISTAT classification of occupation: 1. Chemical technicians – (3.1.1.2.0); 2. Food production technicians – (3.1.5.4.2); 3. Folk medicine technicians – (3.2.1.7.0); 4. Biochemical laboratory technicians – (3.2.2.3.1).

MEDICINE AND SURGERY, 6-YEAR MASTER'S DEGREE **Università degli Studi di Catania**

- Location: **CATANIA**
- Department: **GENERAL SURGERY AND MEDICAL-SURGICAL SPECIALTIES**
- Teaching language of the course: **ENGLISH**
- Course delivered online: **NO**
- Link to the course: <https://www.chirmed.unict.it/en/courses/lm-41-eng>

COURSE OUTLINE

With a path of 12 semesters, 36 integrated courses and 360 credits overall, the master's degree Course is divided into six years of study, 60 of which dedicated to the development of specific professional skills. Teaching takes place with compulsory attendance of theoretical lessons, exercises and internships. The profit checks, passed positively, give the right to the acquisition of the corresponding credits.

EDUCATIONAL AIMS

The Master's Degree in Medicine and Surgery includes six years of study, during which you will be able to deepen your knowledge of information, data science, electronic and industrial technologies, and acquire the necessary skills to become an innovative and highly specialized doctor. In addition, you will have the opportunity to carry out practical training activities, internships and laboratories, which will allow you to acquire solid professional experience and to become a complete professional, prepared to face any future challenge.

JOB OPPORTUNITIES

Doctors and Surgeons trained in the degree course have the opportunity to work in various roles and professional fields of a clinical and healthcare nature. These include:

Work in the National Health Service of the countries of the Mediterranean basin, respecting the local regulations relating to the equivalence of qualifications, and in public bodies and state-owned companies.

Employment with healthcare organizations or healthcare service management bodies nationally and internationally.

Work in university structures, both in research and teaching activities.

Carry out research aimed at the application of the most advanced technologies and the development of biomaterials.

Employment in companies in the pharmaceutical and biomedical sector.

Carry out freelance activities.

The course has a strong international vocation, providing students with training elements aimed at facilitating their insertion in medical-welfare realities not only on the national territory, but also in other countries, particularly in the Mediterranean area.

The Master's Degree in Medicine and Surgery is also a requirement for continuing studies at Schools of Specialization in the medical, surgical and services areas (lasting 4-5 years), specific training courses in general medicine (lasting 3 years), research doctorate and second-level master.

BACHELOR'S DEGREE IN NURSING

University of Palermo

- Location: **PALERMO**
- Department: **HEALTH PROMOTION, MATERNAL-CHILD, EXCELLENCE INTERNAL AND SPECIALIST MEDICINE "G.D'ALESSANDRO"**
- Teaching language of the course: **ENGLISH**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/nursing/

The Study Course in Nursing delivered entirely in English aims to train professionals in the nursing area with the possibility of "placement" at European and non-European level (see OCSE data). The final exam has the value of a State Examination which admits graduates to work as a Nurse. Admission is gained by sitting a test in English (B2-CEFR) and attendance is mandatory. The course is divided into basic and characterizing disciplines and focuses on professional activities and clinical training for 60 CFUs. It includes formal, vocational training activities chosen by the student and a fee for the study of other individual training activities. The final exam in English consists of the preparation and discussion of a written paper on a theoretical-practical topic and is preceded by a professional test demonstrating the acquisition of skills related to nursing care practice. The acquisition of skills is calculated in credits, 60 each year, for a total of 180 credits.

The Degree Course in Nursing aims to:

- Provide students with the knowledge necessary to understand the biological and physiological phenomena occurring in the human body in its various phases of development;
- Provide students with the knowledge necessary to understand the etiology, pathophysiology, clinical and instrumental diagnosis of human disease in various developmental stages;
- Provide the student with the theoretical and technical-practical skills suitable for the prevention of major human diseases in its various developmental stages;
- Provide students with theoretical and technical practices adapted to perform the assistance tasks required by the job profile of the nurse in Italy and abroad;
- Provide students with adequate theoretical and technical practices in the fields of Forensic Medicine, Bioethics and Professional Ethics and Health Management

The degree in Nursing trains a healthcare provider who operates autonomously in the areas of prevention, care and safeguarding individual and collective health, using planning methodologies to provide assistance for the achievement of childhood goals, and care for adult and elderly patients. The Nurse is the operator responsible for general nursing of the preventive, curative, palliative and rehabilitative types. The main functions are disease prevention, assistance for the sick and disabled of all ages and health education in Italy and in foreign countries. The degree in Nursing offers the graduate the possibility of working in highly specialized health facilities nationally (IRCCS) and internationally, or to perform research in nursing, SSD/MED 45; 06/M1.

MASTER'S DEGREE IN NEUROSCIENCES

University of Palermo

- Location: **PALERMO**
- Department: **BIOMEDICINE, NEUROSCIENCES AND ADVANCED DIAGNOSTICS**
- Teaching language of the course: **ENGLISH**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/neuroscience/

The Neuroscience Master Degree course fits into Palermo University's educational provision innovation and rationalization process. The programme trains experts in neuroscience and neurobiology who can further refine their skills through doctoral and master's degrees. Graduates of the Neuroscience programme can take on leadership posts in the research and development departments of private and public hospitals, the pharmaceutical and biotechnology industries, companies and innovative start-ups.

The course is designed to provide adequate and balanced training in the core subjects as well as clinical areas, especially in biochemistry, anatomy and physiology, with advanced study of the structural, morphological and functional aspects of the central and peripheral nervous systems, including cellular and molecular aspects. These elements are designed to prepare students for appropriate contextualisation of pathological processes, as well as relevant diagnostic-instrumental pathopharmacological therapies. The course also provides students with an opportunity to study information processing in neuroscience which is strategic to the modern computational approach to neuroscience.

This Master Degree in Neurosciences trains experts in neuroscience and neurobiology, managers in research divisions designed to create new drugs, new bio-engineering technologies for the management, diagnosis and treatment of diseases of the central and peripheral nervous system.

SINGLE CYCLE DEGREE PROGRAMME IN MEDICINE AND SURGERY **University of Messina**

- Location: MESSINA
- Department: BIOMEDICAL AND DENTAL SCIENCES AND OF MORPHOLOGICAL AND FUNCTIONAL IMAGING
- Scientific coordinator: PROF. GIUSEPPE SANTORO - master.medicinesurgery@unime.it
- Duration: 6 YEARS
- Link to the course: <https://www.unime.it/didattica/corsi-di-laurea-triennali-e-ciclo-unico/medicine-and-surgery>

PROGRAMME OVERVIEW

The principal objective of the programme (combined bachelor's and master's) is to train medical doctors who will have theoretical and practical multidisciplinary knowledge as well as methodological expertise. They will demonstrate professional abilities in decisionmaking and operational autonomy for health promotion, prevention and the treatment of diseases in Italy and internationally. The course trains students in the methodological foundations of scientific research and forms the basis for lifelong learning. The degree programme consists of 360 European Credits Transfer System credits (ECTS), in accordance with current European legislation. At least 60 ECTS are to be acquired through training activities aimed at the maturation of specific professional skills. The professional activities are essentially carried out in the Operative Units of the University Hospital in Messina, where care and assistance to the patient are combined with teaching and scientific research, and in General Practitioner offices.

MINIMAL ENTRY REQUIREMENTS

An Italian secondary school diploma or a certified foreign equivalent demonstrating 12 years of study is required. It is mandatory to pass the IMAT (International Medical Admission Test) exam for admission.

LANGUAGE REQUIREMENTS

English B2 level based on the CEFR is required. The language level of the Cambridge Assessment admission IMAT test is considered above the B2 level of knowledge.

STUDY PROGRAMME

YEAR 1

Medical Physics, Statistics and Bioinformatics, Living Matter, Molecular and Cellular Biology, Genetics, Histology and Embryology, Living Matter, BodyArchitecture, Early Clinical Contact and Communication Skills I.

YEAR 2

Human Anatomy, Physiology, Microbiology, Early Clinical Contact and Communication Skills II, Neuroanatomy, Neurophysiology, Mechanisms of Disease

YEAR 3

Clinical Semeiotics, Head and Neck, Infectious Diseases, Cardiovascular and Respiratory Diseases, Clinical Laboratory Medicine, Skin and Sexually Transmitted Diseases & Plastic Surgery.

YEAR 4

Endocrine, Metabolic and Rheumatological Diseases, Nephro-Urological Diseases, Pathology, Hematology and Oncology, Imaging and Radiotherapy, Gastroenterological Diseases, Hygiene and Global Public Health

YEAR 5

Neuroscience, Obstetrics and Gynecology & Fetal Development Abnormalities, Pharmacology, Pediatric Science, Psychiatry and Clinical Psychology, Orthopedics and Traumatology & Physical and Rehabilitation Medicine, Legal Medicine

YEAR 6

Internal Medicine, General Surgery, Emergency and Intensive Care, Thesis

INTERNATIONAL OPPORTUNITIES

UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year. Another opportunity for students is the UniME Funded programme 'Students Around the World' (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.

TUITION FEES

- A fixed fee (€ 156.00) and a remaining amount of tuition calculated on the basis of a sliding scale. For further information go to <https://international.unime.it/study-us/fees-and-fundings>.

NATURAL AND ENVIRONMENTAL SCIENCES

MASTER'S DEGREE IN NATURAL SCIENCES

University of Palermo

- Location: PALERMO
- Department: EARTH AND SEA SCIENCES
- Teaching language of the course: ITALIAN AND ENGLISH (only for the 30 ECTS of the Double Degree)
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/natural-sciences/

Thanks to the high interdisciplinary structure between Life and Earth sciences, the **master's degree in Natural Sciences** trains experts in the **study of the Nature**, while offering skills and opportunities for other professional activities, in particular in the field of **Nature management and Conservation, Museum and scientific popularization and Institutional education**.

The Master's Degree aims to train a graduate with a thorough knowledge of the structural and functional components of the ecosystems, both in the current environment and in its ancient and evolutionary perspective, and to outline the conceptual tools aimed at the defence, conservation and management of nature.

Among the subjects that can be chosen to be deepened are the analysis, management and conservation of **natural environments** through the acquisition of theoretical principles and modern technologies; systemic analysis of the natural environment in the recent past, mainly considered in its evolutionary and anthropogenic perspective; in compliance with EU directives and the requests of local authorities in charge of land management.

The Master's degree **characteristics** are:

- the holistic approach for the adequate understanding of the ecosystems and of the environment as a whole;
- the effective interaction of different types of knowledge in ecology, zoology, botany, anthropology, palaeontology, biogeography, geomorphology and volcanology, and conservation;
- the integration of laboratory activities and internships, also in collaboration with public institutions and private structures, field activities and experimentation, multi-disciplinary didactic excursions.

JOB OPPORTUNITIES:

- in public administrations, universities and research centres,
- in education and in the training courses for first and second grade secondary school teachers;
- in different types of companies that deal with environmental issues;
- in research and conservation activities carried out by museums and other institutions;
- in scientific dissemination and scientific journalism;
- in natural parks design and management and drafting of Park Plans;
- in the management of protected areas. A double degree programme is active with the "Master's degree in Sustainable Development and Ecological Safety" (under the double degree agreement between UNIPA and People's Friendship University of Russia (RUDN, Moscow).

ORCHESTRAL CONDUCTING

SECOND-LEVEL ACADEMIC DIPLOMA

Music conservatory "A. Scarlatti" of Palermo

- Location: PALERMO
- Department: COMPOSITION AND CONDUCTING
- Teaching language of the course: ITALIAN/ENGLISH
- Link to the course: <https://conservatoriopalermo.it/corsi/corso-di-diploma-di-secondo-livello-in-direzione-dorchestra/>

TRAINING OBJECTIVES

At the end of the studies related to the Second Level Academic Degree in Orchestral Conducting, students must have acquired the knowledge of techniques and specific skills such as to enable them to concretely realise their own artistic idea. To this end, particular emphasis will be placed on the study of the instrument's most representative repertoire, including ensemble repertoire and related performance practices, also with the aim of developing the student's ability to interact within differently composed musical groups. These objectives are to be achieved also by favouring the development of the perceptive capacity of hearing and memorisation and with the acquisition of specific knowledge of the organisational, compositional and analytical models of music and their interaction.

Specific care must be devoted to the acquisition of appropriate postural and emotional control techniques. At the end of the two-year course, students must have acquired an in-depth knowledge of the stylistic, historical and general aesthetic aspects related to their specific address.

Furthermore, with reference to the specificity of the individual courses, students must possess adequate skills in the field of improvisation. It is also a training objective of the course to acquire adequate competences in the field of computer music as well as those related to a second Community language.

PEDAGOGY AND EDUCATION SCIENCE

BACHELOR'S DEGREE IN TOURISM SCIENCES

University of Catania

- Location: CATANIA
- Department: EDUCATION SCIENCES
- Teaching language of the course: ITALIAN
- Course delivered online: A.Y. 2019-2020
- Link to the course: <http://www.unict.it/>

COURSE DESCRIPTION:

The course aims to provide cultural and managerial knowledge and skills for professionals operating in the sector. In particular, it aims to provide foundation knowledge in the following areas:

- **knowledge of English, French, Spanish and German languages** and in-depth **study of historical, archaeological and artistic studies** from prehistory to the contemporary age;
- knowledge and understanding of the **geo-economic aspects concerning tourist places and destinations, and management of tourism businesses** also concerning the marketing of specific aspects such as, territory, food and wine etc.

Students come into direct contact with the world of work through guided visits to monuments and companies and above all through internal and external internships.

EMPLOYMENT OPPORTUNITIES:

Graduates of the course will have access to professions in the field of hospitality structures, service cooperatives, travel agencies, tour operators; private and public structures, such as Municipalities, Provinces, Superintendencies and Museums.

- Hospitality activity technicians and similar professions – (3.4.1.1.0)
- Organizers of trade fairs, exhibitions and cultural events – (3.4.1.2.1)
- Organizers of conferences and receptions – (3.4.1.2.2)
- Tourist entertainers and similar professions – (3.4.1.3.0)
- Travel agents – (3.4.1.4.0)

SPECIALISATION COURSE IN INTERCULTURAL FLIPPED CLASSROOM

University of Palermo

- Location: **PALERMO**
- Department: **PSYCHOLOGICAL, PEDAGOGICAL, PHYSICAL EXERCISE AND TRAINING SCIENCES**
- Teaching language of the course: **ENGLISH**
- Link to the course: <https://www.unipa.it/dipartimenti/sc.psicol.pedag.edellaformazione>

The course proposed by the Psychological, Pedagogical, Physical Exercise and Training Sciences Department represents a significant possibility of **intercultural training and communication**; it allows participants to constructively discuss the academic paths active at the department in order to enhance its attractiveness for foreign students. In particular, it intends to **strengthen international relations**, already **built through individual academic projects**, with **La Manouba University of Tunis**.

The proposed activities, delivered in the **Flipped Classroom/blended methodology** (e-learning, seminars, storytelling and, where possible, guided tours), are focused on the **macro-areas of award-winning teaching** (Psychological Area; Linguistic-Literary Area; Anthropological Area) for a total of 15 ECTS credits. University of Palermo's students are expected to participate in order to foster a virtuous peer to peer and mentoring process.

PERCUSSIONS

FIRST-LEVEL ACADEMIC DIPLOMA

Music conservatory "A. Scarlatti" of Palermo

- Location: **PALERMO**
- Department: **PERCUSSION INSTRUMENTS**
- Teaching language of the course: **ITALIAN/ENGLISH**
- Link to the course: <https://conservatoriopalermo.it/corsi/corso-di-diploma-di-primo-livello-in-strumenti-a-percussione/>

TRAINING OBJECTIVES

At the end of the studies related to the First Level Academic Degree in Percussion Instruments, students must have acquired the knowledge of techniques and specific skills such as to enable them to concretely realise their own artistic ideas. To this end, particular emphasis will be placed on the study of the instrument's most representative repertoire, including ensemble playing and related performance practices, also with the aim of developing the student's ability to interact within differently composed musical groups. These objectives are to be achieved also by favouring the development of the perceptive capacity of hearing and memorisation and with the acquisition of specific knowledge of the organisational, compositional and analytical models of music and their interaction. Specific care must be devoted to the acquisition of appropriate postural and emotional control techniques. At the end of the three-year Bachelor programme, students must have acquired an in-depth knowledge of the stylistic, historical and general aesthetic aspects related to their specific address.

Furthermore, with reference to the specificity of the individual courses, students must possess adequate skills in the field of improvisation. It is also a training objective of the course to acquire adequate competences in the field of computer music as well as those related to a second Community language.

PHILOSOPHY

BACHELOR'S DEGREE IN PHILOSOPHICAL AND HISTORICAL STUDIES University of Palermo

- Location: PALERMO
- Department: HUMANITIES
- Teaching language of the course: ITALIAN, FRENCH, ENGLISH
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/philosophical-and-historical-studies/

The Bachelor's degree in **Philosophical and Historical Studies** aims to provide students with a solid knowledge of history and philosophy from antiquity to the present day. It is characterized by a particular attention to contemporary research in order to develop in the student the disposition to recognize the conceptual structures operating in cultural-historical processes. The Bachelor's programme is organised into a **historical and a philosophical curriculum**, and is structured in such a way that students acquire **competences in the variety of methods and tools for philosophical and historical research**. The student is expected to complete his/her training also taking part in European and international student mobility programmes.

Professional Opportunities: **Self-employment or employment in local and national public bodies; associations; consulting companies, research agencies.**

PHYSICS

MASTER'S DEGREE IN COGNITIVE SCIENCES AND THEORY OF COMMUNICATION University of Messina

- Location: MESSINA
- Department: COGNITIVE SCIENCES, PSYCHOLOGY, EDUCATION AND CULTURAL STUDIES
- Scientific coordinator: PROF. EDOARDO AUGUSTO FUGALI
edoardoaugusto.fugali@unime.it - didattica.cospecs@unime.it
- Duration: 2 YEARS
- Link to the course: <https://www.unime.it/didattica/corsi-di-laurea-magistrale/cognitive-science-and-theory-communication>

PROGRAMME OVERVIEW

The Multidisciplinary Master's Degree Programme in Cognitive Sciences and Theory of Communication has been designed to provide theoretical and applicative knowledge and skills in the traditional and emerging sectors of cognitive sciences. These come from a plurality of disciplinary fields of which it has been wanted to enhance the synergistic interaction - philosophy of mind, philosophy of language, phenomenology, linguistics, psychology, neuroscience and state-of-the-art information and communication technologies. The programme is held mainly online and provides a preparation in the disciplines that contribute to define the field of cognitive sciences and communication, in particular philosophy of mind, psychology and language, phenomenology applied to the embodied cognitive sciences, cognitive psychology, neuroscience, computer science and artificial intelligence, philosophy and communication disciplines and new media sciences. The course is distinguished by its high qualitative profile and the outstanding scientific qualification of its teaching staff. Therefore, it offers you the possibility of carrying out your learning activities in an international and challenging environment where you can get the right inspiration you need for the achievement of your educational goals and the development of your professional career.

MINIMAL ENTRY REQUIREMENTS

The prospective students should have a Bachelor's Degree in the following disciplines: Sciences of Education and Communication, Philosophy, Psychology, Computer Science, Social Sciences, Arts, Music and Drama or similar.

LANGUAGE REQUIREMENTS

International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B1 level of the Common European Framework of Reference.

STUDY PROGRAMME

Cognitive Sciences:

YEAR 1

Phenomenology; Philosophy of Mind; Deep Learning; Neuropsychology; Introduction to Python; Social Semiotics; Psychopathology of language; Cultural Theory.

YEAR 2

Philosophy of Psychology; Thinking and Reasoning; Artificial Intelligence; Human Computer Interaction; Free choice courses; Scientific webinars; Master thesis and final exam.

Theory of Communication:

YEAR 1

Pragmatics or Cross-Cultural Communication; Philosophy of Mind; Mind and Communication; Thinking and Reasoning; Psychopathology of Language or Ethical Thinking; Neuropsychology.

YEAR 2

Social Semiotics; Introduction to Python; Media Theory; Human Computer Interaction; Artificial Intelligence; Free choice courses; Scientific webinars; Master thesis and final exam.

INTERNATIONAL OPPORTUNITIES

Participation in the Erasmus+ Mobility programme both for study and training (calls published twice per year) and in the programme 'Students Around the World' (SAW), call for scholarships for study at the extra-European universities in the context of international cooperation agreements.

TUITION FEES

A fixed fee (€ 156.00) and a remaining amount of tuition fee calculated on the basis of a sliding scale. For further information go to <https://international.unime.it/study-us/fees-and-fundings>.

PHYSICS, 2ND LEVEL University of Catania

- Location: CATANIA
- Department: PHYSICS AND ASTRONOMY
- Teaching language of the course: ENGLISH
- Course delivered online: NO
- Link to the course: <https://www.dfa.unict.it/courses/LM-17>

COURSE OUTLINE

The Master of Sciences in Physics, lasting two years, is divided into five tracks:

- Astrophysics
- Applied Physics
- Physics of Matter
- Nuclear and Subnuclear Physics
- Theoretical Physics

The Master of Sciences in Physics provides the student disciplinary insights that extend and reinforce the knowledge acquired during the Bachelor Course, in specific areas of physics, both basic and more specialized. Insights are also provided for similar activities such as mathematics and computing. The lectures will be delivered in English.

The Course consists of lectures, tutorials and practical laboratory work. The preparation of the thesis is a fundamental moment of the Master of Science in Physics, in which the student, through the guidance of one or more teachers, deepens in an original manner a topic of particular interest and relevance to physics or its applications. The preparation of the thesis may include a period in enterprises or external companies, University's research groups and laboratories or research institutions, in Italy or abroad. The course includes the double degree program with the Universities of Caen Basse-Normandie (France), Barcelona (Spain) and Sevilla (Spain).

EDUCATIONAL AIMS

The main goal of Master Degree in Physics at the University of Catania is the preparation of a high-level qualified student physics, who can validly be enrolled in scientific research, teaching, or into a workplace where one requires high skills for

the understanding and development of the applications of physics in industry, in some areas of public administration or in public services.

The master degree course provides the student with disciplinary insights in specific areas of physics both basic and more specialized ones, that extend and reinforce the knowledge acquired in the three-year undergraduate course in physics. Specific insights are provided also for math and computer science topics.

The master degree requires that students acquire in-depth, knowledge and methodologies related to one or more specific areas of physics together with autonomy of study, through extensive work on the final exam preparation.

Several tools for the development of knowledge and skills of the student are adopted. The key instrument consists of lectures combined with practical exercises. The presence of laboratories, with the use of IT tools and scientific software will permit students to acquire specific skills and experience. The autonomous preparation of the final thesis is also a verification of the acquisition of these skills and mastery of the usual techniques of scientific communication in physics.

JOB OPPORTUNITIES

Graduates in Physics can be employed at management level, in fundamental and applied research, development and use of energy resources, other productive activities and public utilities, such as, for example, production and study of the properties of new materials, prevention and control of environmental risks, analysis in the field of cultural heritage, analysis of seismic risk, design of detectors and sensors systems, radiation protection of people and the environment, control and detection of physical phenomena in the prevention, diagnosis and treatment, design of electronic devices and complex data acquisition and computational systems.

Graduates can be employed also in school teaching activities.

POLITICAL SCIENCES

BACHELOR'S DEGREE IN POLITICAL SCIENCES AND INTERNATIONAL RELATIONS University of Palermo

- Location: PALERMO
- Department: POLITICAL SCIENCES AND INTERNATIONAL RELATIONS
- Teaching language of the course: ITALIANO
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/political-sciences-and-international-relations/

The Bachelor's Degree course in **Political Science and International Relations** lasts three years and is divided into **two curricula**. The first, "**Political Science**", aims to give students the knowledge and skills necessary to **pursue a career in political activities**. The second, "**International Relations**", prepares students to **access diplomatic and consular careers or to work as a professional in institutions**, including non-governmental and third sector institutions, operating in the international field.

Both curricula provide the adequate basic preparation to access a wide choice of master's degree programmes in the field of political science and international relations, or for example in international cooperation. From an educational point of view, the Course of Studies is marked by a strong **multidisciplinary approach**. The courses cover various areas: the **legal area**; the **historical-philosophical-political context**; the **sociological area**; the **economic sphere**; the **linguistic area**. There are also student's choice and optional subjects in the above-mentioned disciplinary areas. The **Erasmus exchange programmes** activated within the degree course are numerous, and new mobility projects, involving students and teachers, are planned in order to strengthen the more international and specialized subjects of the second and third year. In particular, history, law, economics.

BACHELOR'S DEGREE IN POLITICAL SCIENCES AND INTERNATIONAL RELATIONS University of Messina

- Location: MESSINA
- Department: POLITICAL AND JURIDICAL SCIENCES
- Scientific coordinator: PROF. MICHELE MESSINA - michele.messina@unime.it
- Duration: 3 YEARS
- Link to the course: <https://www.unime.it/didattica/corsi-di-laurea-triennali-e-ciclo-unico/scienze-politiche-e-delle-relazioni>

PROGRAMME OVERVIEW

The three-year degree programme in Political Science and International Relations aims at offering a multi-disciplinary education to shape professionals equipped with the necessary knowledge and specific competences in order to operate in the private sector as well as in national, European and international institutions. The objective of the programme is to equip graduates with competences on the understanding and management of the processes of globalisation and socio-economic transformation. Participants will study the most important subjects required by national, European and international public administrations, with a specific focus on anti-corruption rules operating at domestic and supra-national levels. Students will be trained in the knowledge of public security systems, anti-corruption and how to fight against organised crime at the international level. Students will acquire the necessary knowledge necessary to manage international relations in both the political and administrative areas, with specific reference to activities promoted by supranational organisations, such as those related to the United Nations, in the rapidly growing field of cooperation. The course offers employment possibilities in different areas, like national private and multinational organisations, national, supranational and international public organisations, non-governmental organisations (NGOs), and the third sector.

MINIMAL ENTRY REQUIREMENTS

An Italian secondary school diploma or a certified foreign equivalent demonstrating 12 years of study is required.

LANGUAGE REQUIREMENTS

International English language certificate issued by an Institution recognized by the Italian Ministry of University and Research (MUR), B1 level of the Common European Framework of Reference.

STUDY PROGRAMME

YEAR I

Public Law; Political Economics; Early Modern History Sociology of Globalization Anti-Corruption; Private Law; Foreign Language Exercise (French); Supplementary Teaching; Other activities.

YEAR II

International Law and Human Rights; History of Political Thought; International Economics; Contemporary History; Political Theory; Foreign Language Exercise (German); Supplementary Teaching Stage/Internship.

YEAR III

Comparative Legal Systems; European Union Law; History of International Relations; Political Science and International Relation; Foreign Language (French or German); Supplementary Teaching; Final Dissertation.

INTERNATIONAL OPPORTUNITIES

UniME students have the opportunity to participate in the Erasmus+ Mobility programme both for study and training. Calls are published on the site twice per year. Another opportunity for students is the UniME Funded programme 'Students Around the World' (SAW) call for scholarships for study at the extra-European universities in the context of international cooperation agreements. For further information please visit our site.

TUITION FEES

A fixed fee (€ 156.00) and a remaining amount of tuition fee calculated on the basis of a sliding scale. For further information go to <https://international.unime.it/studying/fees-and-fundings>

MASTER'S DEGREE IN COMPLEX ADMINISTRATIONS AND ORGANIZATIONS SCIENCE CURRICULUM PUBLIC MANAGEMENT University of Palermo

- Location: PALERMO
- Department: POLITICAL SCIENCES AND INTERNATIONAL RELATIONS
- Teaching language of the course: ITALIAN, ENGLISH
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/complex-administrations-and-organizations-science/

Both study programmes intend to train a new professional figure: that of the “**facilitator**” of **learning processes and decision-making** processes involving various social actors called to respond to systemic and “global” problems. These issues can't be addressed with a sectorial, mono-disciplinary and static approach. Among these problems, a particular role is occupied by what literature has defined as “**wicked problems**”, that is, those multifaced themes, running across time and

space, which, especially today, pose unprecedented challenges to the society and its institutions. For example: the regulation of migratory flows, terrorism, the globalization of markets, the aging of the population, the prevention and control of crime, the improvement of the quality of life in metropolitan urban areas and suburbs, health and sport, pollution, natural disasters, social marginalization. In Particular, in the last decade, the dynamics generated by this group of problems have demonstrated the unpredictability of the phenomena to which a **plurality of decision makers operating in different institutions are called upon to provide answers.**

In this context, traditional interpretative models, regulations, processes and decision-making tools have proved obsolete. These approaches to governance and to the formulation of decisions tend, for the most part, to be characterized by a static perspective (that is, not considering their change over time and the consequent “trade-off” solutions), sectorial (that is, mono-disciplinary), and atomistic (that is, such as to govern with policies and decisions formulated within single institutions or single components of an institution, thus losing sight of the system underlying the problems themselves). An example, in this regard, is provided by the financial recovery policies that, in various countries of the world, the administrations of capital municipalities of metropolitan urban areas have adopted. In order to recover efficiency levels in public spending, and to restore a balance in municipal budgets, these policies have sometimes been focused on the adoption of “cross cuts”, and especially in the contraction of the so-called “Development expenses” (such as those for infrastructures, public parks, social assistance, risk prevention). This policy has gradually led to a worsening of the “quality of life” and the attractiveness of the territories covered by these municipalities, thus giving rise to further financial problems for the financial administration of these institutions. In the perspective described, certain decision-making areas concerning the public sector which have been under the authority and responsibility of specific institutions or agencies – such as, for example, infrastructures, education, transport, waste disposal, enhancement of cultural heritage – should no more adder to this fragmented model. The need for stronger **coordination between public institutions and decision-makers and, between these, and private institutions** (e.g. companies, sports organizations, non-profit associations, families) requires the formulation and implementation of policies that derive from a shared vision of the causes underlying the problems to be addressed. This coordination also implies the search for a greater capacity to implement public policies and to assess their impact. It is therefore a matter of coordination understood both in a “vertical” and “horizontal” sense, aimed at overcoming distorting barriers of various kinds (political, administrative, regulatory, language, cultural, professional). The strategic learning process that can support the described change is the key through which the “Dynamic Performance Management & Governance” approach offers the **concrete advantage for an evolution of knowledge and application practices in an interdisciplinary perspective.** Although decisions aimed at providing an answer to these problems can only be formulated within individual institutions that make use of specific skills and professionalism, today these must increasingly derive from collaborative governance that presupposes the ability of decision makers to combine a macro vision with a micro vision, in view to find the key to interpreting the phenomena analysed. This perspective, through the analysis of the feedback reports about the relations between the structure and the dynamics of the systems, is able to **favour a better alignment between the legal-institutional system, the socio-political and the cultural system, and the managerial system**, such as to support an improvement in the performances and the outcomes, not only the outputs and the formal assumptions underlying the actions undertaken by each decision-maker.

COOPERATION, DEVELOPMENT, AND MIGRATIONS

University of Palermo

- Location: **PALERMO**
- Department: **CULTURES AND SOCIETIES**
- Teaching language of the course: **ITALIAN, ENGLISH, SPANISH**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/cooperation-development-and-migrations/

The **International Master’s Degree in “Cooperation, Development and Migration”** aims to train experts specialized in **international and local cooperation and governance of migration fluxes.** It provides a broad range of employment opportunities in areas that currently lack adequately skilled professionals.

COSVIM was established with the aim of giving students the necessary knowledge and skills to understand problems related to issues of development across the world and to find fair and sustainable solutions. This idea is based on a concept of human development that focuses on improving people’s living conditions, on the assumption that economic growth does not, alone, produce well-being for all, and that it is necessary to **remove the causes of inequality, discrimination, violence and poverty** in order to guarantee people a life worth living. The degree course educates students to **develop interventions** related to areas regarding education, health, work, access to resources, freedom and political participation and human rights.

From an educational point of view, the degree course is characterized by a strong **multidisciplinary approach** based on fully understanding the realities of the so-called *global south* and problems related to vulnerability, poverty, economic growth and sustainable development in the globalized world.

In order to facilitate incoming and outgoing international student and teacher programmes and exchanges, **more than half of the teaching is in English, and some courses in Spanish.**

Classroom teaching is based on the active participation of students; a large portion of the lessons is dedicated to **practical training**: project management and other branches of expertise in the field, internships, language studies and other activities abroad – especially in non-European areas, and job shadowing in the field with NGOs and international associations. COSVIM has various double degree programmes, integrated study paths, international credits mobility, curricular internships, and postgraduate placement programmes in non-European countries.

GLOBAL POLITICS AND EURO-MEDITERRANEAN RELATIONS, 2ND LEVEL

University of Catania

- Location: **CATANIA**
- Department: **POLITICAL AND SOCIAL SCIENCES**
- Teaching language of the course: **ENGLISH**
- Course delivered online: **NO**
- Link: <http://www.dsps.unict.it/en/courses/lm-62/course-overview>

COURSE OUTLINE

The course combines three fields of theoretical-practical knowledge, those relating to global systems policy, those relating to European governance and those relating to Euro-Mediterranean relations.

The course is entirely taught in English and is a full-time course in which attendance is compulsory in response to the practice of interactive teaching. Teaching, in fact, is based on classroom discussions, the drafting of papers, case studies, student presentations, simulation exercises and other participatory methods in addition to internships and study periods abroad. The course includes the double degree program with the Universities of Liège, Paris-Est Creteil (UPEC) and Flensburg which allows the full second year, or six months of the second year, to be held at one of the partner universities.

EDUCATIONAL AIMS

The course offers to those in possession of a degree, within the framework of an advanced degrees, advanced training in the field of political science on issues concerning global politics, European integration and Euro-Mediterranean relations. This objective is achieved through training activities that include forms of participatory teaching, the performance of integrative activities directly linked to professional organizations and the realization of a research project for the final exam. From a professional point of view, the course prepares for work in public and private institutions, administrations and organizations, including consultancy and mass communication firms and research and study centers. The training objectives of the course may be summarized as follows:

To acquire in-depth knowledge of the origin, development, functioning and logic of political systems, of diplomatic, economic and political relations among States, of ways of constructing political decisions, and of relations between political institutions and public opinion.

The acquisition of in-depth knowledge of methodologies of analysis of political, institutional and organizational processes of States, of the global system, of state policies in Europe and of regional systems such as the Euro-Mediterranean area. The methodologies are those of the empirical social sciences, and in particular of political science, and of socio-political theory in its philosophical and historical aspects.

The acquisition of multidisciplinary analysis skills through the use of the methodologies of the sciences and disciplines mentioned above and skills of comparative analysis of political, institutional and organizational processes at the state level and at state policy level.

The acquisition of operational skills in the framework of public or private organizations and agencies that implement administrative, management or production strategies in international and multicultural contexts.

The training objectives are obtained through a two-phase track on the two-year course. In the first instance, general knowledge and methodological knowledge will be provided. General knowledge will focus on the political, institutional and organizational macro-processes of the States, the global system, European policy and the Euro-Mediterranean system. While methodological knowledge focuses on analytical techniques that allow us to set up and conduct an original empirical research strategy.

In the second phase the acquisition of knowledge of political, institutional and organizational processes is completed and the ability to self-organize work is perfected, so that the student is able to plan and carry out independent projects of learning, problem analysis and operational strategies.

JOB OPPORTUNITIES

- Specialists in Public Relations, and similar professions
- Specialists in Political Science
- Researchers and post doc graduates in Political and Social Sciences.

MASTER'S DEGREE IN ANALYSIS AND ENVIRONMENTAL MANAGEMENT University of Palermo

- Location: PALERMO
- Department: EARTH AND SEA SCIENCES
- Teaching language of the course: ITALIAN
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/analysis-and-environmental-management/

The **Master's degree in Analysis and Environmental Management** aims to train highly qualified professionals able to use a multidisciplinary approach in the **prevention, requalification, diagnosis and solution of environmental problems**.

The training activities offer an in-depth cultural background with a systemic focus on the environment and provide our students the **ability to**:

- identify the interactions between the factors involved in complex environmental processes, systems and problems;
- apply different methods to investigate complex ecosystem situations connected with environmental recovery;
- use remote detection techniques and geographic information systems;
- exploit bioindicators in the analysis, management and environmental requalification;
- operate with coordination responsibilities in the fields of environmental analysis, management and requalification;
- evaluate environmental resources and formulate hypotheses for the management and planning of the territory and the conservation of the environment.

The acquisition of the above cited skills is achieved through an integrated knowledge of the physical, mathematical, biological, chemical, ecological, and earth sciences and juridical-economic-evaluative disciplines. The didactic activity consists of **lessons, laboratory experiments, modelling and simulations, field excursions**, soil, water, and air sampling, and current analytical methods. The course will also introduce students to several relevant agencies and stakeholders dealing with the environment, in an effort to help them build professional networks.

Common **job opportunities** for our graduates include PhDs or **research** contracts at a university or a research institute and teaching in first and second-grade secondary schools. Graduates can be hired, for example, as

1. Environmental management and monitoring experts;
2. Safety and environmental protection experts;
3. Biologists and Geologists;
4. Soil Protection Technicians.

MASTER'S DEGREE IN INTERNATIONAL RELATIONS – CURRICULA: A) INTERNATIONAL TRADE, B) INTERNATIONAL STUDIES University of Palermo

- Location: PALERMO
- Department: POLITICAL SCIENCE AND INTERNATIONAL RELATIONS
- Teaching language of the course: ENGLISH
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/international-relations/

The International Trade curriculum helps to achieve a **profound understanding of risks in international trade and international business law**, as well as business cultures. Students will obtain **advanced knowledge in planning and implementing import/export operations and investments**, being able to draft an international contract. The International Studies curriculum helps to understand the complexities of the global political system, its changes, and challenges and how they may impact national political systems in different contexts. Students learn to analyse global and national public policies, and to assess political and security risks. Students of the International Trade curriculum may find **placement opportunities as export managers, logistics managers, freight and custom forwarders/brokers, maritime agents, international commercial agents, international marketing experts, financial internationalization program managers**. Students of the International Studies curriculum may find placement opportunities in **international environments, including inter-governmental organizations, multinational corporations, think tanks, internationally oriented non-governmental organizations, and public administrations**.

MASTER'S DEGREE IN INTERNATIONAL RELATIONS, POLITICS & TRADE ONLINE University of Palermo

- Location: **PALERMO**
- Department: **POLITICAL SCIENCE AND INTERNATIONAL RELATIONS**
- Course delivered online: **YES**
- Teaching language of the course: **ENGLISH**
- Link to the course: https://guidastudente.unipa.it/en/corsi_di_laurea/international-relations-politics-trade/

The Master degree in International Relations, Politics & Trade will be delivered **entirely online through the platform** “<https://e-learn.unipa.it/>” based on Moodle, the de-facto standard for online courses management. Access to all services is provided through the Unipa Single Sign-On system.

The provision of training services takes place **24 hours a day for all training activities that can be used in asynchronous and synchronous mode** (many to many) and in scheduled times and methods for live events (one to many). All didactic activities are coordinated by the lecturer of the course or by the didactic tutor. **The Course offers students, who come from all over the world the unique opportunity of studying the fundamental dynamics of international business from diverse and multidisciplinary perspectives.** The complexity of doing business globally is addressed by academics from a legal, historical, economical and political perspective. Holding suitable knowledge of the **English language – level B2** is compulsory and a pre-requisite for the enrolment. Achieving a profound understanding in socio-economics and international business law, as well as in business cultures, is one of the main purpose of the master degree. Students are expected to obtain an advanced knowledge in planning, operating and implementing **import/export operations and foreign trade activities and investments**, to being able to draft an international contract, to manage international transactions also from a custom and fiscal point of view, to analyse country risk profiles for foreign investments. The placement opportunities run widely in the **international trade sector**: export managers, logistics managers, freight and custom forwarders/broker, maritime agents, international commercial agents, international marketing experts, financial internationalization program managers.



STUDY IN SICILY

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FSE FONDO SOCIALE EUROPEO
SICILIA 2020
PROGRAMMA OPERATIVO



INDIRE ISTITUTO
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INNOVAZIONE
RICERCA EDUCATIVA