LEARNING OUTCOMES – LAUREA MAGISTRALE

LM-1 CULTURAL ANTHROPOLOGY AND ETHNOLOGY

Graduates will:

- have acquired advanced knowledge in the demographic, ethnological and anthropological disciplines related to diversity and socio-cultural dynamics of local and global natures, differences in identity and gender as well as an advanced mastery of the historical and scientific development of theories in the field;
- have acquired advanced knowledge in sociology, history, geography, law, politics, psychology, demographics, economics, statistics, linguistics;
- have acquired competency in the use of the ethnographic method in relation to comparative analysis of culture, applied analysis of the organizational and associative nature of religion, problems connected to stratification, marginalization, social change and cultural mediation, in addition to topics regarding the technical, scientific, health and judicial areas;
- have acquired advanced methodological competency regarding the collection, surveying and treatment of empirical data pertinent to ethno-anthropological analysis;
- have acquired adequate competency and instruments for the communication and management of information;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-2 ARCHAEOLOGY

Graduates will:

- possess advanced scientific, theoretical, methodological, and operative competences related to the sector of archaeology and the history of art in the prehistoric, proto-historic, ancient and medieval ages, supported by a knowledge of history and ancient written sources;

- possess competences in the management, conservation and restoration of archaeological patrimony;

- have the ability to use information technology and communication tools in a specific area of specialization, with special reference to the surveying of monuments and archaeological areas, the classification of findings, the elaboration of images and management of scientific texts using IT;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-3 LANDSCAPE ARCHITECTURE

Graduates will:

- possess specific competences pertaining to the analysis, design, planning and management of a landscape;
- understand the natural and altered components of a landscape;
- possess concise and integrated knowledge of the physical, historical, ecological, environmental, socio-economic, perceptual and visual characteristics of a landscape in order to use this information for landscape design and planning;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-4 ARCHITECTURE AND ARCHITECTURAL ENGINEERING

Graduates will:

- have an in-depth knowledge of the history of architecture, building, town-planning and architectural restoration and other activities for the transformation of the environment and territory connected to the professions of architecture and building architecture;
- possess in-depth knowledge of the tools and forms for representation and of the theoretical, scientific, methodological and operative aspects of the other basic sciences, and be able to use this knowledge to interpret and describe complex problems in detail, or those which require an interdisciplinary approach;
- possess in-depth knowledge of the theory, science and methods used in architecture, building, town-planning and architectural restoration and be able to use this information to identify, formulate and solve complex problems through an innovative approach, using an interdisciplinary approach;
- possess knowledge of company organizations and professional ethics;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

- possess in-depth knowledge of molecular and cellular bases of biological systems;

LM-5 LIBRARY STUDIES

Graduates will:

- possess advanced competences regarding the scientific, theoretical, methodological and operative knowledge regarding archiving and library science;
- have acquired an advanced ability in the management, conservation and restoration of a library or archive patrimony, as well as possess the ability to manage archival and library information;
- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-6 BIOLOGY

Graduates will:

- have acquired a solid and integrated culture of basic biology and its diverse sectors, as well as of applied biology, and an elevated scientific and operational knowledge of the disciplines;
- have acquired an in-depth knowledge of the methods and tools used for analysis and the acquisition of data;
- possess advanced knowledge of mathematical and computer support tools;
- have mastery of scientific research methodology;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;
- be able to work both as an individual or in a group, and be able to take on managerial roles with complete responsibility for projects, structures and personnel.

LM-7 AGRARIAN BIOTECHNOLOGIES

Graduates will:

- possess in-depth knowledge of the molecular mechanisms that are at the basis of the growth and differentiation of organisms, as well as possess knowledge of the mechanisms regarding

reproduction and the qualitative and quantitative production of food and non-food products and their transformation; also be able to use innovative biotechnological techniques on these processes, in order to modify their characteristics based on consumer needs and environmental sustainability; be able to carry out biotechnological interventions, including using transgenic techniques, aimed at optimizing the productive and reproductive efficiency of agrarian organisms;

be able to prepare and carry out biotechnological analytic research methods, in particular for the characterization of agricultural products and organisms and for the control of their quality and health;

have mastery of scientific methods for research and design;

have advanced knowledge of traditional and biotechnological analysis instruments;

possess sound knowledge of the structure and functions of macromolecule biology and the cellular processes in which they occur:

know the effects of biotechnological products on the nutritional and environmental levels and know how to evaluate and prevent dangerous effects;

have advanced knowledge of computer instruments, particularly with regards to bioinformatics;

be able to ideate, design and manage techno-scientific projects correlated with the biotechnological disciplines in the agrarian sector;

be able to operate autonomously, taking responsibility for structures and projects;

be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;

possess the knowledge and techniques to carry out basic and applied research activities, promote and develop scientific and technological innovation, professional activity and projects, in areas correlated with the biotechnological discipline in the agrarian sector;

possess adequate knowledge of economics, organizations, business management, company creation and the marketing of biotechnological products;

know the legislation and ethical norms regarding the application of biotechnology.

.LM-8 INDUSTRIAL BIOTECHNOLOGIES

Graduates will:

- know scientific experimental methods for biological systems;
- have in-depth knowledge of the molecular and cellular basis of biological systems;
- possess sound knowledge of the structure and functions of macromolecule biology and the cellular processes in which they occur;
- know the effects of biotechnological products on the environment and know how to evaluate and prevent dangerous effects;
- have advanced knowledge of traditional and biotechnological analysis instruments;
- possess advanced knowledge of physics and chemistry and good competences in bioinformatics, computations, bioinformatics, mathematics and statistics;
- have mastery of bioinformatic methods in order to organize, construct and access data banks, especially of the genomic, proteomic and metabolomic types;
- possess fundamental knowledge and techniques in the various fields of biotechnology industries;
- master specific technological platforms, such as: genetic, proteic and metabolic engineering, identifying of molecular targets, molecular modelling, design and development of diagnostic kits, fermentation and bioconversion techniques for the production of small molecules and proteins (enzymes, recombinant proteins, metabolites, vaccines, fine chemicals, etc.), purification and analysis techniques of biomolecules, validation of the biocompatibility of materials, designing of biomimetic materials, design and development of nanomaterials and nanosystems based on biomolecules, and the validation of lead compounds in animal systems;
- know the fundamental aspects of the operative processes that follow the industrial design of biotechnological products and the formulation of biopharmaceuticals;
- possess advanced knowledge of relevant cultural issues, such as intellectual property rights, business management and economics, bioethics, sociology and communications;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;
- be able to operate autonomously, taking responsibility for structures and projects;
- possess the knowledge and techniques to carry out basic and applied research activities, promote and develop scientific and technological innovation, professional activity and projects, in areas correlated with the biotechnological discipline in the agrarian sector;
- know the norms related to bioethics, validation/certification of biotechnological product/process, protection of inventions and safety in the sector of biotechnology.

LM-9 PHARMACEUTICAL, VETERINARY AND MEDICAL BIOTECHNOLOGIES

Graduates will:

- possess in-depth knowledge of the biochemical and genetic aspects of prokaryotic and eurokaryotic cells and the technique of cellular culture, including on a large scale;
- possess sound knowledge of the structure and functions of macromolecule biology and the cellular processes in which they occur;
- possess sound knowledge of morphology and the functions of human and animal organisms:
- know and use the main methods that characterize cellular and molecular biotechnologies in order to design and produce biopharmaceuticals, diagnostics, and vaccines, to have a nutritional and health-oriented outlook;
- know of and how to use biotechnological cellular and molecular methods for reproduction in the clinical and experimental fields;
- have mastery of bioinformatics methods in order to organize, build and access data banks, especially of the genomic and proteomic types and for the acquisition and distribution of scientific and technological information;
- possess the competences to analyze biopharmaceuticals, diagnostics and vaccines for use in the human field and in the veterinary sector with regards to the chemical, biological, biophysical and toxicological aspects;
- know the fundamental aspects of the operative processes that follow the industrial designing of biotechnological products (including for gene and cellular therapy) and the formulation of biopharmaceuticals;
- know of and how to use the specific sector technology, such as molecular modelling, and the design and planning of innovative products;
- know the fundamentals of human and animal pathologies, with reference to their pathogenetic, cellular, and molecular mechanisms;
- know the congenital and acquired pathologies in which intervention with a biotechnological approach is possible;
- be able to design and apply, together with graduates specialized in medicine and surgery and/or veterinary medicine, diagnostic and therapeutic strategies with a biotechnological basis in the pertaining fields;
- acquire the ability to intervene to maximize the productive and reproductive capacity of an animal;
- know how to recognize (also through the use of specific diagnostic research) the interactions between extraneous micro-organisms and human and animal organisms;

- possess the knowledge needed for the production, hygiene, and quality of foods of animal origin and their derivatives;

- know the relationship between animals and their environment, with particular attention to the metabolic influence of toxic environments;

- know the effects of biotechnological products on the environment and how to prevent potential dangerous effects;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;

- possess adequate knowledge of economics, organizations, business management, company creation and the marketing (including patenting of innovative products) of pharmaceutical, cosmetics and biotechnological products;

- be able to organize development activities in pharmaceutical and biotechnological companies, paying particular attention to bioethics;

- possess the knowledge and techniques to carry out basic and applied research activities, promote and develop scientific and technological innovation, professional activity and projects, in areas correlated with the biotechnological discipline in the agrarian sector;

- know the norms related to bioethics, validation/certification of biotechnological product/process, protection of inventions and safety in the sector of biotechnology;

- know the national and European Union norms related to bioethics for the tutelage of inventions and safety in the biotechnological sector.

LM-10 CONSERVATION OF ENVIRONMENTAL AND ARCHITECTURAL HERITAGE

Graduates will:

- possess an in-depth knowledge of historic, architectural structures in their urban and regional setting;

- know how to closely analyze the characteristics and the properties of the materials used in the structures;

- know the fundamental structure of the building and be able to localize the various causes of decay and destabilization;

- plan and define measures to consolidate and reconstruct the building while managing historical, artisan, urban and territorial elements;

- understand company structure and culture and professional ethics;

- possess in-depth knowledge of industrial products (both their physical and non-physical attributes), with regard to the technical aspects of manufacturing, function and form;
- possess in-depth knowledge of intermediary products (materials, semi-finished products, components) and of the processes that accompany product development lifecycles (design, engineering, manufacturing, distribution, use);
- possess knowledge of the physical context of the manufacturing process and use of the product related to qualities improve perception and use, environmental requirements of the product, communication processes and sustainability strategies;
- possess in-depth knowledge of the dynamics of building brand identity in relation to the planning of service systems associated with the product, places, sales and communications;
- possess specific knowledge of the socio-cultural target, the dynamics of product use and consumption, and market dynamics in relation to events that effect a company's manufacturing, communication and distribution strategies;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-11 CONSERVATION AND RESTORATION OF CULTURAL HERITAGE

Graduates will:

- possess in-depth knowledge of scientific research methods and techniques, be able to interpret data in order to study how to recuperate, conserve and restore cultural patrimony, including in complex situations, and possess the knowledge needed for the actual restoration process;
- possess advanced knowledge of: a) the characteristics, properties and decay of the materials that make up the object, b) archeometric applications in the various connected fields;
- possess high level competences in the field of museumology and/or conservation techniques;
- possess the ability to organize the interacting of diverse disciplines of knowledge in order to face complex scientific problems related to the preventative conservation of cultural assets;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-12 DESIGN

Graduates will:

- have an educational background that allows for a historical and critical sense, as well as for an

understanding of human nature, to possess the tools needed to interpret the various situations and practical applications; know how a company is organized and possess professional ethics;

have the ability to relate with others and manage group work within complex projects;

be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-13 PHARMACY AND INDUSTRIAL PHARMACY

Graduates will:

- have knowledge of applied scientific research methodologies, especially those regarding issues in this field;
- have fundamental multidisciplinary knowledge needed to understand a drug, its structure and its activity in relation to its interaction with biomolecules on a cellular and systematic level, as well as an understanding of the activities needed to prepare and carry out controls on medications;
- have knowledge of chemistry, biology, pharmacological economics and the national/European laws regulating various sector activities and the pharmaceutical professional, and in the field of medicine and health products, must be able to guarantee the prerequisites for safety, quality and effectiveness, as required by WHO and national/European directives;
- have knowledge needed for the fulfilment of pharmaceutical duties in national health services;
- possess a good command of scientific methods of research;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-14 MODERN PHILOLOGY

Graduates will:

- possess in-depth study aimed at developing an autonomous approach to the fields of medieval, modern and contemporary philology and its relative literature, on the basis of methodological, theoretical and critical knowledge;

- possess a solid theoretical basis of general communication processes and of production mechanisms, particularly those for literary communication, as well as possess knowledge of problems emerging from new channels for the transmission of contemporary texts;

- possess the fundamentals of the theoretical knowledge of language;

- possess specialized knowledge of specific medieval, modern and contemporary languages and literature;

- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-15 ANCIENT PHILOLOGY, LITERATURE AND HISTORY

Graduates will:

- have acquired an in-depth knowledge of the field of philology and ancient literature, as well as ancient history;
- possess advanced knowledge in the methodologies specific to the fields of historical and philological study, as well as in the research techniques required for the finding and critical use of sources;
- possess an in-depth theoretical knowledge of ancient Greek and Latin languages and literature, their cultural and historical contexts, existence in the modern world, with emphasized study placed on the classics, as well as on the history of ancient Europe, the Near East and North Africa;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-16 FINANCE

Graduates will:

- possess in-depth knowledge of mathematical and statistical methods and instruments, political economy and business;
- have a high level of ability to apply the methods and instruments to the field of finance through the analysis of macro-finance situations, decisional models characterized by financial markets and the management processes typical of the diverse categories of financial intermediaries;
- develop a strong integration of the three principal areas, also at international level, of legal knowledge, computer science and in-depth interdisciplinary training;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-17 PHYSICS

Graduates will:

- possess in-depth and flexible knowledge open to the most recent developments in scientific research and technology;
- have a solid cultural basis in the various sectors of modern physics and its theoretical, experimental and applicative aspects, as well as mastery of the scientific method of research;
- have elevated scientific and operational knowledge of the disciplines that characterize the subject matter;
- have in-depth knowledge of measurement instruments and techniques to analyze data;
- have in-depth knowledge of support instruments of mathematical and IT nature;
- be able to work autonomously, taking on responsibility for projects and structures in the fields of research and scientific and technological innovation;
- be able to use specific knowledge acquired according to specific studies for the use and designing of sophisticated instruments of measurement or for the modelling of complex systems in the various fields inside and outside of science;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-18 COMPUTER SCIENCE

Graduates will:

- possess in-depth knowledge of both the fundamentals and the applicative aspects of the various sectors of IT;

- have in-depth knowledge of the scientific method of research and understand and use discrete and continuous mathematical instruments, as well as instruments for applied mathematics and physics, which act as a support to IT and its applications;

- have in-depth knowledge of the principles, structures and use of elaboration systems;

- know the fundamentals, techniques and methods for planning and carrying out computer systems of the base and applicative types;

- have knowledge of the various sectors of application;

- possess knowledge of company and professional culture;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

- be able to work autonomously and take on responsibility for projects and structures.

LM-19 INFORMATION AND PUBLISHING SYSTEMS

Graduates will:

- possess in-depth knowledge of the techniques and methods of national and international information systems;
- possess the competences needed to use new communication technology to manage and organize journalistic and publishing media (print, audiovisual, online) and specialized and nonspecialized periodicals;
- possess the ability to write and the competences needed to manage content using new computer technology, especially for editorial activities;
- possess the ability to write and the competences needed to manage press and communications offices, for both internal and external users;
- possess the managerial and organizational competences needed to handle high-level functions in journalism and publishing;
- possess the ability to plan content, including of the multimedia and hypertext types and stories for multiplatform areas (web, digital TV, telephones, etc.);
- possess management and editorial competences for communication activities for institutions, organizations and companies;
- possess competences for the planning and realization of products for specialized and periodical information of both the traditional and innovative types;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-20 AEROSPATIAL AND ASTRONAUTIC ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other basic sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;

- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved with an innovative approach;

- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;

- be able to design and manage highly complex experiments;

- possess context knowledge as well as the ability to think flexibly;

- possess knowledge of company and professional culture;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-21 BIOMEDICAL ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-22 CHEMICAL ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other

- base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach; possess in-depth knowledge of the theoretical and scientific where complex problems that require an interdisciplinary approach can be identified, formulated and solved with an innovative approach;

- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;

- be able to design and manage highly complex experiments;

- possess context knowledge as well as the ability to think flexibly;

- possess knowledge of company and professional culture;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-23 CIVIL ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-24 CONSTRUCTION ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other

- base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach; possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;

- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;

- be able to design and manage highly complex experiments;

- possess context knowledge as well as the ability to think flexibly;

- possess knowledge of company and professional culture;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-25 AUTOMATION ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-26 SAFETY ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects regarding the safety of plants, processes, operators and persons in general, where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-27 TELECOMMUNICATIONS ENGINEERING

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-28 ELECTRICAL ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-29 ELECTRONIC ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-30 ENERGY AND NUCLEAR ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-31 MANAGEMENT ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-32 COMPUTER SYSTEMS ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-33 MECHANICAL ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-34 NAVAL ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects regarding naval engineering, where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-35 ENVIRONMENTAL ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects where complex problems that require an interdisciplinary approach can be identified, formulated and solved through an innovative approach;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-36 ASIAN AND AFRICAN LANGUAGES AND LITERATURE

Graduates will:

- possess advanced knowledge of the various dimensions of the history and cultural reality of the Asian and African civilizations;
- possess a general knowledge of the main languages of Africa and Asia and a strong competency in at least one of them;
- be highly competent in at least one language and civilization of these continents;
- be able to use the principal IT tools;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-37 MODERN AMERICAN AND EUROPEAN LANGUAGES AND LITERATURE

Graduates will:

- possess advanced knowledge of the history and literature of the American and European civilizations and their different expressions;
- be highly competent in at least one of the European and American languages and civilizations and possess the instruments for their comparison;
- have acquired the theoretical a applicative tools for linguistic analysis and for the didactics of the languages and literature;
- be able to use the principal IT tools;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-38 MODERN LANGUAGES FOR COMMUNICATION AND INTERNATIONAL COOPERATION

Graduates will:

- highly competent in at least one European or non-European language;

- know the cultural, historical, economic and social issues of the geographical areas connected to the chosen languages, in order to use them for international communication;

- possess in-depth knowledge in the field of linguistic analysis, as well as be competent in the socio-linguistic processes and mechanisms of communication;

- possess a sound knowledge of social, economic and juridical disciplines;

- be able to use the most up-to-date means of communication.

LM-39 LINGUISTICS

Graduates will:

- possess an advanced knowledge of the theories and methods of linguistics;
- possess specific knowledge related to the structure of natural languages in order to use this knowledge in linguistics teaching and education;
- possess a sound basis in the areas of ancient and modern languages;
- know the techniques of analysis and description for linguistic systems;
- be able to use the principal computer tools in the specific competence;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;
- possess the competencies related to new language developments in communications and information technology.

LM-40 MATHEMATICS

Graduates will:

- have a sound basis in mathematics and a good mastery of the discipline's proper methods;
- have an in-depth knowledge of the scientific research method;
- be highly prepared in the relevant scientific and operational disciplines;
- have specialized mathematical knowledge;
- be able to analyze and solve complex problems, also in applications;
- have the ability to communicate about mathematical methods and problems;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;
- have relationship and decision-making skills, be able to work autonomously and take on scientific and organizational responsibility.

LM-41 MEDICINE

Graduates will:

- possess the scientific basis, theory and practical knowledge required by the European directive 75/363/CEE to enter the medical profession;
- have the methodology and background needed to participate in continuing education;
- have professional, decisional, and operational autonomy, characterised by a holistic approach, so that the biological, physical, and chemical elements of the environment may be taken into account when facing health issues;
- have essential theoretical knowledge derived from the base sciences and know their practical application;
- possess the ability to collect and critically analyse data regarding an individual's state of well-being using a clinical and an overall point of view, while taking socio-cultural factors into consideration; the ability to interpret that data using the knowledge of base sciences, physiopathology, and the pathologies regarding the human body;
- possess the ability and experience, combined with the faculty for self-evaluation, to responsibly confront and solve priority health problems in terms of diagnosis, prognosis, treatment and rehabilitation;
- have knowledge of medical ethics and history;
- possess the ability to communicate with patients and their family members in a clear, humane way;
- possess the ability to collaborate with professionals in group health activities;
- possess the ability to include economic considerations in medical decisions;
- possess the ability to recognise community health problems and to intervene in a competent manner;
- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-42 VETERINARY MEDICINE

Graduates will:

- have the essential theoretical knowledge derived from the base sciences so that it may be applied professionally;
- possess the ability to collect and critically analyse data regarding the state of well-being of animals, taken singularly or as livestock, and the ability to interpret that data using knowledge regarding base sciences, physiopathology, and the pathologies regarding organs and apparatuses;
- be prepared to carry out medical and /or surgical interventions for the treatment of animals;
- have knowledge of epidemiology , diagnosis, prophylaxis, and the treatment and control of infectious and parasitical animal diseases;
- possess the ability to collect and critically analyse data regarding the state of health, hygiene and quality of food destined to human consumption, and any possible aberration therein; knowledge will also be needed of the production and processing procedures of foods of animal origin;
- have knowledge of animal nutrition and alimentation and of the technology used in breeding;
- possess the ability to collect and critically analyse data regarding the impact of breeding on the environment;
- possess have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-43 INFORMATION TECHNOLOGY METHODS FOR THE HUMANITIES

Graduates will:

- possess an educational foundation in one or more of the following groups of study: linguistics, philology and letters; history and philosophy; cultural patrimony; art, music and theatre; communications; training;

- be able to us computer analysis instruments to express specific field knowledge;

- possess the theoretical, methodological and technical instruments related to the treatment of information of texts, images, sound and video in the chosen humanities;

- be able to set up and use data banks and digital archives with management systems in the specific area of interest;

- know the legal regulations on the treatment of digital information and correlated technology;

- know the principles of communication and data transmission safety and be able to use associated instruments,

- possess the theoretical, methodological and technical instruments needed to recognize and maintain the authenticity and conservation of digital information;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-44 MATHEMATICAL MODELLING FOR ENGINEERING

Graduates will:

- possess in-depth knowledge of the theoretical and scientific aspects of mathematics and other base sciences, particularly physics, and be able to use this knowledge to interpret and describe complex engineering problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects of engineering in general, with reference to at least one of its sectors (civil, environmental and territorial, computer systems and industrial);
- have the ability to take on experimental, computational, technological, economical, epistemological, problems connected to the building, verification and validation of the use of models;
- be able to use this competency and knowledge to identify, interpret, describe, formulate and solve complex engineering problems;
- possess knowledge of company culture and professional ethics;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-45 MUSICOLOGY AND MUSICAL HERITAGE

Graduates will:

- possess in-depth knowledge of the history and theory of music and its diffusion;

- be competent in areas of linguistics, philology and history;

- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;

- be able to organize and manage the various types of services and structures for sport and leisure;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-46 DENTISTRY AND ORTHODONTICS

Graduates will:

- be able to collect and analyse data regarding an individual's stomatological condition using a clinical and all inclusive point of view, while taking socio-cultural factors into consideration;
- be able to interpret the data using base knowledge, physiopathology, and the pathologies related to stomatological and systemic apparatus;
- possess the ability to communicate with patients and family members in a clear, humane way;
- be able to ability to organise teamwork and communicate with and manage human resources;
- have acquired increased base knowledge to understand, both quantitatively and qualitatively, biological and physiological phenomena, and the principles of molecular biological processes;
- have acquired increased knowledge of the basic, biological and behavioural sciences for modern techniques of oral health maintenance;
- have acquired increased awareness of the dental ethics concerning the treatment of a patient as both an individual and as a member of a community;
- have acquired knowledge of applied computer science and statistics in order to carry out research;
- have acquired knowledge about the principles of diagnostic images and of the clinical use of ionising radiation and its safe application;
- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-47 SPORT AND LEISURE MANAGEMENT

Graduates will:

- be able to manage, plan and coordinate organizations that operate in the sports and leisure sectors;

- organize and manage sporting events; know how to operate effectively within the institutional and legal structures where the sports and leisure occur;

know how to manage the financial side of an organization that operates in sports and leisure;

know how to carry out consultancy, representation and/or assistance for organs of sports justice, and also be able to work as experts in sports tourism, sports facilities management, media and communication, large events and show, contract issues and refereeing on behalf of subjects operating in the sports and leisure sectors;

know how to carry out planning, coordination and management activities on site for companies that supply instruments, technology and goods and services for sports;

know how to carry out planning, coordination and management of sport activities in the various disciplines on site for associations and sports clubs, promotional bodies for sports and sports organizations in general;

know how to develop the institutional, economic and juridical areas of communication and information for the sector;

have written and oral mastery of at least one EU language, other than Italian.

LM-48 REGIONAL, URBAN AND ENVIRONMENTAL PLANNING

Graduates will:

- possess the ability to interpret trends and results of urban and territorial transformations, also in relation to socio-economic dynamics and morphology;
- know how to use instruments to interpret the historical urban and territorial stratification processes;
- possess the ability to apply theories, methods and techniques to design and plan projects;
- possess the methods and techniques needed to build plans and projects for the city, territory, landscape and environment;
- possess the ability to define strategies for administrations, institutions and businesses with reference to recovering areas, improving and transforming the city, territory, landscape and environment;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-49 TOURISM DEVELOPMENT AND MANAGEMENT

Graduates will:

- possess advanced know-how of tourist systems, whether they exist on their own or in association with other sectors, including territories of different regions which are characterized by an integrated offering of cultural, environmental, and tourist attractions or by the diffuse presence of tourist enterprises;
- be highly competent in the management of tourist enterprises in order to integrate agencies with cultural and environmental services;
- possess and advanced level of ability in the promotion, selling and management of tourism products, including the use of new multimedia technology for such purposes;
- possess linguistic and specialized competencies to be able to work within the globalized structures of tourist activities and cultural events on an international level;
- possess advanced planning skills in order to realize projects that join diverse sectors and structures that improve tourism in certain areas, especially in areas dedicated to highlighting cultural and environmental heritage with the constitution and promotion of new tourist products;
- possess the know-how needed to plan cultural events and projects drawn up by public administration;
- possess the ability to speak and write well in at least two languages, one of which must be an EU language other than Italian.

LM-50 DEVELOPMENT AND MANAGEMENT OF EDUCATION SERVICES

Graduates will:

- possess sound competences in the pedagogical, educational, sociological, psychological and ethical disciplines in matters concerning the services sector, supported by specific in-depth study of the processes for the integration of persons with disabilities and the prevention of distress and exclusion;

- possess in-depth knowledge of problems related to the management and development of human resources, social policies and relationships with the territory, context and environment regarding the services provided;

- possess advanced knowledge of issues related to the fields of economics, law and politics regarding national and European legislation connected to the social services sector, as well as knowledge of issues tied to the norms for certification qualification, strategy planning, the management of information and the economical and financial analysis of services;

- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-51 PSYCHOLOGY

Graduates will:

- possess advanced study in a variety of areas of psychology concerning theory, projects and application;
- possess the ability to determine the relevant characteristics of persons, groups, organizations and situations and be able to evaluate them with the appropriate psychological methods (tests, interviews, observation, etc.);
- possess the ability to manage relationships and interactions according to the needs of persons, groups, organizations and the community;
- possess the ability to evaluate the quality, efficacy and appropriateness of applied processes;
- possess the ability to assume responsibility for the relationship, to be completely autonomous professionally and to work collaboratively in multidisciplinary groups;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.
- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;

LM-52 INTERNATIONAL RELATIONS

Graduates will:

- possess advanced, professional levels of methods and cultures regarding legal, economic, political, social and historical matters in order to analyze, interpret, evaluate and manage political, economic and social issues of an international nature;

- possess the competences to design, manage, activate and monitor international programmes that reinforce institutions, human rights, democratization processes and protect persons from of crimes against humanity;

- possess interdisciplinary knowledge to plan and carry out highly complex operational strategies in order to enter the work force with high-level positions in both national and multinational private companies and organizations and in public national and international administrations, bodies, and institutional organizations;

- possess mastery in empirical research methods for political, sociological, statistical, economic and quantitative use, as well as mastery of comparative methods, allowing for entry at high levels in the public and private sectors and applying innovative methods;

- be able to speak and write fluently in at least two European Union languages, other than Italian, for professional purposes.

- possess institutional, analytical and theoretical instruments in the various areas in which the international arena focuses on economic, political and social phenomena.

LM-53 MATERIALS ENGINEERING

Graduates will:

- possess a high level of mastery of the scientific research method and use of laboratory instruments;
- possess knowledge and competences useful to the designing of a material's properties, starting from the atomic and molecular structures that compose them;
- possess in-depth knowledge of the theoretical and scientific aspects of mathematics, as well as the physics and chemistry of condensed states and be able to use this knowledge to interpret and describe complex engineering materials problems or problems that require an interdisciplinary approach;
- possess in-depth knowledge of the theoretical and scientific aspects, both in a general and an in-depth way, regarding materials engineering, where complex problems that require an interdisciplinary approach can be identified, formulated and solved in innovative ways;
- be able to ideate, plan, design and manage complex and/or innovative systems, processes and services;
- be able to design and manage highly complex experiments;
- possess context knowledge as well as the ability to think flexibly;
- possess knowledge of company and professional culture;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-54 CHEMISTRY

Graduates will:

- possess a solid background in the diverse sectors of chemistry that characterize the field;
- possess advanced knowledge of modern measurement instruments, the properties of chemical substances and techniques for data analysis;
- have mastery of scientific research methods;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;
- be able to work autonomously, being able to assume a high level of responsibility for projects and structures.

LM-55 COGNITIVE SCIENCES

Graduates will:

- possess advanced study in the disciplines that define cognitive sciences (cognitive psychology, cognitive neurosciences, linguistics, artificial intelligence, philosophy and the social sciences);
- possess in-depth knowledge of a theoretical and practical nature concerning the interdisciplinary approach to the study of the mind and the behaviour of organisms;
- possess in-depth knowledge of a theoretical and operational nature of communication and decision-making processes;
- possess in-depth knowledge of the methods for collecting and analyzing data:
- be familiar with the simulative, observatory and experimental methods used in the study of the mind-brain system and in human-machine interfacing, as well as other complex systems;
- have the ability to analyze decisional processes on both individual and collective levels in the organizational, economic and social fields;
- have the ability to design models and interventions for the reorganization of interfaces between humans and complex systems;
- have the ability to conduct basic and applied research activity autonomously;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-56 ECONOMICS

Graduates will:

- have acquired advanced mastery of mathematical-statistical instruments and of the principles and institutions concerning national, community, international and comparative law;
- know how to use scientific methods in economic and business to analyze the complexity of contemporary society and resolve socio-economic problems with a dynamic and innovative approach;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-57 ADULT AND CONTINUING EDUCATION

Graduates will:

- possess strong competences in the pedagogic and educational disciplines, with special regard for learning in the adult age and for methods of planning, managing, competences analysis, and evaluation for continuous education and training;
- in-depth knowledge of the analysis methods used to determine the training needs of workers, organizations and management and the ability to evaluate human resources in companies and/or organizations and occupational dynamics, with specific attention to the correlation between the job market and training demands;
- possess advanced knowledge of ethical, economical, juridical and political issues related to company organization, the management of enterprises, political economy and training policies and the relative national, regional and European laws;
- good mastery of computer use, advanced tools for communication and distance training;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-58 UNIVERSE SCIENCES

Graduates will:

- possess mastery of the scientific research method;
- have a solid basis in the diverse areas of modern and classic physics;
- have in-depth knowledge of mathematical and computer support instruments;

- possess specific observation competences using modern instruments and techniques, as well as the related procedures for the collection and analysis of data and the elaboration of models;

- possess in-depth knowledge with a high level of scientific, operational and theoretical competency in the fields of astronomy, astrophysics and space physics;

- be able to work autonomously, being able to take on responsibility for projects and structures in the field of research and in scientific and technological innovation;

- know how to use specific acquired knowledge to model complex systems in the fields of astronomy, astrophysics and space physics, including use of modern, high performance calculation tools;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes. .

LM-59 ADVERTISING AND COMMUNICATION FOR THE PUBLIC AND PRIVATE SECTORS

Graduates will:

- possess the competences to carry out the role of communications director in companies, institutions, public and private administrations, public bodies. not-for-profit organizations and professional agencies that create advertising or publicity products (events, campaigns, press services and public relations);
- possess the competences to realize communication products and promotional campaigns for public bodies, companies and not-for-profit organizations;
- possess the ability to manage the internal and external flow of communication for a company, public body, public company and organizations of the services sector;
- possess the competences needed to use new communication technology to manage the communication processes of companies, public organizations and not-for-profit groups;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-60 NATURAL SCIENCES

Graduates will:

- possess a solid background in the systemic analysis of the natural environment in all of its biotic and abiotic components and their interactions, also in a historic and evolutionary perspective;

- have mastery of the scientific research method and the knowledge necessary for the initiation of scientific research in the naturalistic field;

- possess in-depth knowledge of modern instruments to survey territories, as well as knowledge of statistical and computer analysis techniques and data archiving;

- have a high level of scientific and operational study in the disciplines that characterize the field;

- possess the ability to face issues in order to manage and conserve the quality of the natural environment;

- possess a high level of competency in the use of instruments for the management of environmental and naturalistic information;

- have a high level of competency and knowledge of instruments for the management of fauna and the conservation of biodiversity;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

- be able to work autonomously, being able to assume a high level of responsibility for projects and structures.

LM-61 NUTRITION

Graduates will:

- possess sound knowledge of the properties of nutrients and non-nutrients present in foods and the modifications that occur during technological processes;

- know specifically the biochemical and physiological mechanisms of digestion and absorption and the metabolic processes carried out by nutrients and recognize the effects of malnutrition occurring from excess or deficiency;

- know the techniques and methods for measuring corporal composition and energy metabolism;

- know and be able to apply the principal techniques to evaluate the state of an individual's nutrition level and interpret the results;

- know national and community food and health legislation with regards to the sale and control of foods, ingredients, additives and dietary supplements;

- know the principal industrial technologies applied in the preparation of dietary supplements and food products made for special alimentation;
- be able to define the nutritional quality and the energy supply of single foods and evaluate the factors that regulate the bioavailability of macro- and micronutrients;

- know how foods influence well being and disease prevention, as well as safety levels, acceptable daily dosage and the assessable risk in the assumption of substances contained or introduced into a diet;

- know the analysis techniques of food consumption and the nutritional surveillance strategies of populations in particular physiological conditions, such as pregnancy, nursing, growth, ageing and sports;

- know the problems related to national and international food policies;

- be able to speak and write fluently in at least one European Union language, usually English and other than Italian, for professional purposes.

LM-62 POLITICAL SCIENCE

Graduates will:

- possess in-depth knowledge of methods and scientific contents in legal, institutional, political, economic, politological, historical, political and sociological fields;
- possess interdisciplinary knowledge in the various above-mentioned fields with a comparative and international perspective and fully master socio-political, economic and institutional phenomena;
- be able to operate on a technical-professional level in at least one sector of application in the professional fields as experts in specific areas of public politics and organizational analysis for the technological change of the apparatus of complex organizations;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-63 PUBLIC ADMINISTRATION

Graduates will:

- possess advanced knowledge and competences in the institutional politico-social disciplines;

- possess in-depth multidisciplinary knowledge and methods needed to shape professional figures who are able to make government strategies for change and strategies for the innovation of norms, organization policies and technologies of public and private organizations;

- be able to promote planning and implementation activities initiated for the economic and social development of the country by improving the quality of services provided by public administration;

- possess advanced knowledge and methods related to politological, juridical, economic, sociological and organizational issues in order to operate inside public and private organizations in the fields of deviance, safety, prevention, defence and social control;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;

- be able to manage human, technological and organizational resources, as well as equal opportunity policies.

LM-64 RELIGION

Graduates will:

- possess in-depth knowledge of the techniques and methods needed to take on the most important Mediterranean, classical, monotheistic, Asian and ethnologically relevant religions;
- possess in-depth knowledge of the historical and cultural identities of the world's great religions, as well as their sacred texts and the exegesis tradition of the world's great religions and any issues emerging from their existence;
- possess in-depth knowledge of the phenomena, salient events and evolution of religious history, from ancient to contemporary times of the Mediterranean area and other countries whose histories include religiously significant figures and events;
- be able to carry out research autonomously in the scientific fields tied to religious phenomena, as well as in the fields of research carried out on the social and cultural incidence of the religious factor, with special attention paid to the study of the plurality of ethical and legal orders (religious and secular) present in contemporary society;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-65 PERFORMING ARTS AND MULTIMEDIA PRODUCTION

Graduates will:

- possess specialized scientific, theoretical, technical and methodological and operational competences related to artistic culture in the field of figurative arts, entertainment and visual communication and be able to critically apply this knowledge appropriately in the planning and creation of a work;

- possess advanced ability in the sectors of ideation and production of entertainment events, as well as in the management of theatre, cinema, television and radio organizations;

- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-66 COMPUTER SYSTEMS SAFETY

Graduates will:

- know the scientific aspects related to the basics of designing, realizing, verifying and maintaining safe and protected computer systems and infrastructures;
- know the methods and technological instruments needed to design, realize, verify and maintain safe and protected computer systems and infrastructures, paying special attention to both established and experimental techniques;
- know all the elements related to work organization and the problems of social and psychological character and recognize them as critical elements for the safety of computer systems, infrastructure and data, as well as the legal aspects related to the safe and reserved treatment of computer data, including bio-health and bio-ethics data related to biometric techniques, and the treatment, conservation and transmission of sensitive data regarding health;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;
- possess the ability and capacity to remain up-to-date regarding chosen field;
- be able to work autonomously, being able to assume a high level of responsibility for projects and structures and have good people and decision-making skills.

LM-67 SPORT SCIENCE FOR PREVENTION AND REHABILITATION

Graduates will:

- be highly capable in the designing and carrying out of physical activity programmes aimed at regaining and maintaining psychological and physical well-being, with special consideration for each individual case;

- be able to organize and plan particular activities and lifestyle interventions useful to the prevention of illnesses and the improvement of quality of life through physical exercise;

- know how to prevent incorrect postural positions and how to recuperate post-rehabilitation motor activity in order to maintain physical efficiency;

- know how to plan, coordinate and evaluate motor activity aimed at disabled persons or at individuals whose health conditions are clinically controlled or stabilized;

- have in-depth knowledge of modifications and functional adaptation derived from physical exercise, for both healthy individuals and those with disabilities or with stabilized functional limitations of various types, resulting from pathologies that can benefit from physical exercise;

- have in-depth knowledge of psychomotor, education and communication methods and techniques for persons practicing physical exercise;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-68 SPORT SCIENCE

Graduates will:

- have in-depth knowledge and ability to design, coordinate and technically manage technical sports activities of various competitive levels for sports clubs, associations, promotional sports bodies, institutions and specialized sports centres;
- have in-depth knowledge and ability to design, coordinate and technically manage activities for physical and athletic training for various sports at various levels up to and including the professional one for sports clubs, associations, promotional sports bodies, institutions and specialized sports centres;
- have in-depth knowledge and ability to design, coordinate and technically manage activities for physical and athletic training of the disabled for competitive level sports events;
- have in-depth knowledge and ability to design, coordinate and technically manage activities for physical training at training camps for the Armed Forces and other organizations serving to guarantee the safety and defence of the nation;
- have in-depth knowledge of training individuals for competitive individual or team sports;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-69 AGRICULTURE

Graduates will:

- possess in-depth knowledge in the fields of biology, mathematics, physics and chemistry for specific professional training and education;

- have mastery of the scientific research method;

- possess in-depth knowledge in the fields of biology, mathematics, and of various techniques (including laboratory skills) needed for quality control of diverse agricultural production sectors;

- know how to design, manage and certify systems and processes of agricultural production, also with regards to technical means, machines, plants, work safety and environmental impact;

- have a high level of knowledge regarding applied biology and physiology and of genetics in order to improve the quantity and quality of agricultural production, be able to defend it and safeguard the resources of the soil and biodiversity, using traditional and innovative technology;

- be able to plan and manage agricultural production and its sustainability in projects that recognize, when necessary, the peculiarities of tropical and subtropical zones;

- possess in-depth scientific and technological knowledge to plan and manage innovation in agricultural production with regards to quality and quantity, with particular regard for soil fertility, genetic improvement, defence of the crops and projects related to these issues, including the issues of conservation and management of harvested products and their marketing, with special regard for the particular issues connected with the tropical and subtropical areas;

- have a complete vision of problems concerning the rural territory, including property, topography and cartography issues, land evaluations, technical equipment, and the management of projects, structures and machines used to upkeep agricultural fields and greenery landscapes;
- have the ability to design complex systems and projects in agricultural and rural areas;
- have advanced level of competency in the management of agricultural enterprises, food and non-food production, and the consulting and/or services firms connected with them;

- be able to plan the rural territory and connected activities;

- be able to manage sites and to test operations, keeping work safety in mind;

- be able to use computer systems, including for the monitoring and modelling of agricultural systems;

- be able to work autonomously, being able to assume a high level of responsibility for projects and structures;

- know the principles and the areas of professional activity and related norms and ethics;

- be able to speak and write fluently in at least one European Union language, usually English and other than Italian, for professional purposes.

LM-70 FOOD SCIENCE

Graduates will:

- possess a solid cultural basis and good mastery of scientific methods;
- be able to optimize processes and manage research and industrial development projects;
- have expertise in managing and promoting the quality and safety of foods as well as respect of safety norms for operators and environmental protection;
- have adequate professional knowledge and ability to carry out complex coordination activities in the food sector;
- possess elevated technical competences for the quality control of foods, including through the use of innovative technology;
- possess knowledge and professional ability in the planning and management of machines and plants used in the procedures of food transformation and elaboration processes;
- have advanced level of competency in the management of agricultural enterprises, food and non-food production, and the consulting and/or services firms connected with them;
- have developed personal ability to communicate, work in multidisciplinary groups and have the ability to judge on a technical and economic level as well as on a human and ethical one;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-71 INDUSTRIAL CHEMISTRY

Graduates will:

- have a solid educational background in chemistry theory and experimentation;
- have mastery of scientific research methods;
- have in-depth scientific and operational knowledge in the subjects connected to industrial production in the various chemical sectors, with special reference to the product-process, changes of scale and the sustainability of development;
- have sufficient knowledge of industry and business to understand an industrial chemical process from an economic perspective;
- have advanced knowledge of the modern means for measuring the properties of chemical substances and know how to carry out the technical analysis of data;
- possess mathematical and computer systems support instruments;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-72 NAVIGATION

Graduates will:

- have mastery of scientific research methods;
- possess in-depth knowledge of the fundamental and specialized techniques in the various fields of navigation, surveying, hydrography, oceanography, and meteorology;
- possess the competences necessary to assume responsibility for the logistics and safety of navigation in ports and airports;
- possess the competences to manage personnel and be able to coordinate group work and operate in full autonomy and readily enter various work environments;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-73 ENVIRONMENTAL AND FORESTRY SCIENCES

Graduates will:

- have a solid educational and cultural basis and sound mastery of scientific methods;

- have in-depth scientific and operative knowledge of the disciplines concerning the resources and the technological and economic aspects of the forestry environment;

- possess the competences to carry out basic and applied research, as well as carry out promotion and development of scientific and technological innovation;

- possess the ability to plan, conserve and improve on forestry, ecologic, production and landscape resources for the sustainable development of mountain and forest territories;

- be able to operate professionally in related activities and especially be able to examine and solve planning and designing problems, as well as be able to coordinate and manage intervention for the care and improvement of a territory, natural resources and the landscape;

- have the adequate specialized knowledge and ability to carry out complex activities and interdisciplinary coordination in the area of specialisation;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

- be able to work autonomously and assume a high level of responsibility for projects and structures.

LM-74 GEOLOGY

Graduates will:

- possess a strong scientific basis in the subjects needed to deal with Earth systems and their theoretical, experimental, technical and applicative aspects;
- possess mastery of the scientific method of research and of the techniques for analysis, data modelling, geological management processes and their applications;
- possess the instruments needed for the quantitative analysis of geological systems, processes, temporal evolution, modelling, and know how the analysis may be applied;
- possess the knowledge necessary to operate the restoration and conservation of geological quality systems, even if altered by human intervention;
- possess the knowledge necessary to prevent the deterioration of geological systems and the accelerated evolution of geological and environmental processes, also for the tutelage of human activity;
- possess the ability to collect laboratory and/or terrain data and an adequate ability to interpret the results of the knowledge acquired and be able to communicate them to other members of the scientific community and professional world;
- possess the ability to plan and design applied geological interventions and be able to direct and coordinate structures from a technical and managerial point of view;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-75 ENVIRONMENTAL AND LAND SCIENCES

Graduates will:

- be able to analyze, control and manage complex environmental situations;

- have a solid background in the field from a systemic-environmental point of view and a good mastery of scientific methods;

- possess the ability to determine, evaluate and manage the interactions among systems and the diverse factors that bring about environmental processes and problems;

- have in-depth knowledge of the subject matter and know how to develop methods and techniques to research a territory and analyze the data, allowing for integration at different levels;

- know the methods and how to use the technology for prevention, clean-up and reclaiming, for human and environmental benefit;

- know how to deal with problems regarding monitoring, controls and management of the environment and a territory, using the criteria of sustainability and environmental ethics;

- possess the competences needed for the evaluation of resources and environmental impact, including through the use of model formulation and the methodical and conceptual instruments furnished by the economy, law and environmental planning;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-76 ENVIRONMENTAL AND CULTURAL ECONOMICS

Graduates will:

- possess the professional and cultural foundation and advanced qualification based on knowledge in the field of economics, business and social economics, integrated with education in the technical and formal area of environmental and cultural management that allows for the analysis, management and designing of decisional processes for systems, institutions and companies that are strongly tied to the environment;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.
- possess the knowledge needed to analyze, design and use information systems and governmental decision-making processes.

LM-77 MANAGEMENT

Graduates will:

- possess in-depth knowledge of business, mathematics, statistics and legal areas gained through a combination of disciplines and learning methods, as well as through the acquisition of competences that allows for taking on company problems with an integrated stance, combining personal assessment and company management views and managing any change when necessary;

- have acquired in-depth knowledge of the above-mentioned competences through the use of logic and quantitative techniques as well as international and intercultural perspectives;

- have acquired the methods, knowledge and abilities necessary to cover positions of responsibility company administration and governance and also be able to work as a freelance professional;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-78 PHILOSOPHY

Graduates will:

- have acquired an in-depth knowledge of philosophy and be able to connect philosophical movements with historical eras;
- possess critical and hermeneutical competences sustained with adequate knowledge of the issues connected with the interpretation of texts and historiographic methods;
- possess strong ability in the use of theoretical and methodological instruments that allow for autonomous research, reflection and understanding in the areas that interest human life in its relation with the social and natural environments, including the dimensions of aesthetics, religion and gender;
- possess high competency in historical and critical analysis of fundamental concepts of reflection on ethical, juridical, political and applied ethical issues;
- possess well-developed analytical, logical and argumentative competences in relation to the diverse forms of knowledge and languages, as well as the diverse ways that characterize human capacity for expression and communication;
- possess high competency for the analysis and discussion of the theories and models of rationality (theoretical, practical, linguistic, communicative);
- possess an in-depth knowledge of the theoretical and methodological instruments in the field of philosophy studies and history of the human and natural sciences, as well as of physics and mathematics;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-79 GEOPHYSICS

Graduates will:

- possess a solid background in the disciplines of geology and physics, with particular reference to knowledge of the processes that involve Earth systems in their theoretical and experimental aspects;

- possess adequate mastery of scientific research methods and techniques for data analysis;

- the ability to develop and use physics and mathematical instruments for application in study, monitoring, systems modelling and geophysical phenomena, aimed at understanding this phenomena and for applicative purposes;

- possess advanced operational laboratory and field competences and a high level of ability to transfer the results to knowledge;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-80 GEOGRAPHY

Graduates will:

- have acquired advanced mastery of geographic and territorial sciences and their practical application;
- possess the theoretical, methodological and specialized instruments to represent and interpret territorial systems in a scientific manner;
- possess the ability to globally and synthetically recognize and determine, also through the use of the analytic work of other specialists, the environmental and political impact of territorial policies on diverse scales;
- know the characteristics and the functions of the main computer systems instruments and of new communication methods and be able to use them in specific area of competency;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-81 DEVELOPMENT CO-OPERATION

Graduates will:

- possess in-depth knowledge of the sociological, economic and political disciplines and be able to analyze and interpret the specific social, economic, and institutional forms that characterize the economies of developing countries, with attention also to the relationship between gender and development and peace and development;

- have in-depth knowledge of, and know how to apply, the diverse methods used by multi-and bilateral organs of cooperation for the creation of programmes and projects to assist development and peace missions;

- possess the competences needed to ideate, manage and enact integrated aid and development programmes and projects, with particular emphasis on: economic development (urban and rural), social (health and education), support of weak groups, the elimination of poverty, institutional reinforcement (human rights, democracy, local governments, bureaucracy) and the improvement of environmental and settlement conditions;

- know and be able to apply monitoring and evaluation methods of development aid programmes and projects used by multi- and bilateral organs;

- possess project coordination and management competences;

- be able to work with a high degree of autonomy and direct group work in areas containing minimum resources;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;

- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information.

LM-82 STATISTICS

Graduates will:

- possess in-depth knowledge of statistical methods and of their applicative aspects in at least some of the diverse fields where statistics is an essential instrument for research, such as economics, social sciences, health, demographics, bio-medics, the environment, and others, especially according to specialization chosen;
- know the issues of the phenomena related to the application of statistics for a specific specialization;
- possess complete mastery of the logic and conceptual instruments and methods for the planning and carrying out of experimental or sample research for the study of real phenomena;
- know the foundations and use systems of data elaboration and the problems connected to the creation, updating and use of data bases;
- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information.

LM-83 ACTUARIAL, FINANCIAL AND ECONOMIC STATISTICS

Graduates will:

- possess in-depth knowledge of actuarial techniques, mathematics finance, market finance and corporate finance as well as other quantitative methods applied in the group of problems concerning insurance, social security, finance, risk control and management;
- possess absolute mastery of the logical-conceptual and methodological instruments for the planning and carrying out of surveys and analysis of financial, insurance, and social security markets, for the construction and management of efficient insurance and social security systems;
- possess in-depth knowledge of the disciplines concerning statistics and probability and their application, with special reference to actuarial sciences and finance;
- know the foundations and the use of data elaboration systems and the problems connected to the creation, updating and use of data bases in the insurance, Social security and finance fields;
- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-84 HISTORY

Graduates will:

- possess advanced competences in the methods used for history sciences and the research techniques required for the finding, analysis and critical use of sources;
- possess specific knowledge of the cultures of human civilization and know the theories and methods of social and economic sciences,
- possess in-depth specialized study of the salient aspects of a historical period in its varied aspects, including gender, within an overall general knowledge of world history up to the present day;
- possess autonomy for field research in the history sciences;
- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-85 EDUCATION

Graduates will:

- possess solid and in-depth theoretical and practical competences and knowledge in the pedagogical sciences and education, as well as in those disciplines, such as philosophy, history, psychology and sociology, in order to obtain the entire conceptual basis of the subject for application in different educational contexts;
- possess adequate mastery of the educational research methods of the theoretical, historical, empirical and experimental sorts, in formal and informal areas of education;
- possess in-depth knowledge of the diverse aspects of planning for education (needs analysis, defining of specific and general , evaluation of human resources, instruments and structures, programming, intervention methods, testing and evaluation) and of the technical methods related to the monitoring of results evaluation and the social impact of intervention projects and programmes;
- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-86 LIVESTOCK MANAGEMENT

Graduates will:

- possess a solid scientific, technical and operational background in the disciplines that characterize this degree;
- have a solid cultural background in the specific sectors, including attending continuous training courses;
- have a good mastery of scientific methods of research;
- possess both field and laboratory techniques regarding the production and quality control of places where animals are produced, including aquaculture;
- be able to carry out and manage research activity in order to promote and develop technological and managerial innovation of livestock management in the fields of production, hygiene, transformation, quality improvement, economies and sales of products of animal origins and the performance of the animals, including animals used as pets, in labs, for hunting and fishing;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes;
- be able to work autonomously and assume a high level of responsibility.

LM-87 SOCIAL SERVICES AND POLICIES

Graduates will:

- possess an in-depth knowledge of the theories of social services and the ability to use and experiment with innovative and advanced methods of social services;
- possess in-depth knowledge of the sociological disciplines, social services, anthropology, economics, statistics, ethics, philosophy, law, politics, pedagogy, psychology and history;
- possess sound knowledge of disciplines related to social services and how they relate to application in specific sectors;
- possess in-depth methodological competences in social research related to the finding and treatment of data and the understanding and functioning of complex societies, including specific sectors of application;
- possess competences for the decoding of complex needs of persons, families, groups and territories, for the formulation of social diagnosis, psycho-social counselling, and to intervene in mediation concerning the areas of families, minors, social and criminal issues and for the management and organization of resources for public and private social services sectors;
- possess competences to design integrated systems of local well-being and to enact and manage, on the national and international levels, programmes aimed at informing, creating awareness and responsibility for the protection and conduction of social and community groups and the guaranteeing of the groups' social rights;
- possess the abilities to design, plan, organize and manage projects in the political, social services and social health fields in both the public and private sectors and the ability to analyze and evaluate the quality of services rendered;
- have acquired adequate computer competency and knowledge of the instruments for the communication and management of information;
- possess pertinent experience in relation to the specific area of study chosen as well as general knowledge of the field ;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-88 SOCIOLOGY AND SOCIAL RESEARCH

Graduates will:

- possess in-depth knowledge of the sociological disciplines and a high capacity for the analysis and interpretation of social phenomena;

- possess advanced knowledge in the base disciplines of the social sciences area as well as the areas of economics, statistics, philosophy, history, law and politics;

- possess an advanced knowledge of the disciplines related to sociology in relation to a specific field of application;

- possess advanced methodological competency related to measurement, findings and the treatment of data pertinent to social research, and more generally to the analysis of the functioning of complex societies (in its generalities and particulars) in a specific field of application;

- possess advanced knowledge of the theories and methods for the comparative analysis of societies;

- be able to carry out advanced analysis of the social and cultural effects of globalization processes;

- be able to work with a high level of autonomy in social research structures and/or in the fields of training, development and the diffusion of sociological knowledge in national and international arenas;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-89 ART HISTORY

Graduates will:

- possess advanced competency in history and research methods and of the critical and extensive interpretation of the diverse fields and chronological eras related to the development of the arts (architecture, painting, sculpture, applied arts) from the Middle Ages to the contemporary era;
- possess theoretical and applicative knowledge of the problems regarding the conservation, management, promotion and publicizing of historic-artistic patrimony and institutions;
- have acquired in-depth knowledge of specific issues related to history and to the conservation of a specific artistic sector;
- be fully able to use the principal computer instruments in the specific field of competency and in particular in the cataloguing and documentation of historical and artistic heritage and its relative contexts;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-90 EUROPEAN STUDIES

Graduates will:

- have a solid educational background and advanced levels of knowledge (methodological, cultural, professional) regarding juridical issues, economics, politics, sociology and history, suited to analyzing, interpreting, evaluating and managing political, economic and social matters concerning the European Union;
- possess interdisciplinary knowledge aimed at planning and enacting highly complex operational strategies so as to enter the work world with a high-level position in either national and multinational private enterprises or in national and supranational administrations, bodies and organizations operating in the European Union;
- possess empirical and quantitative analytical instruments and comparative and international knowledge in the various areas regarding the European dimension of economics, politics and social realities;
- have acquired the specific competences related to the principles, norms and policies of equal opportunity and the fight against discrimination;
- have acquired a the competences needed to train personnel with high-level responsibilities for public and private organizations, so that they may interact with European institutions in transnational European areas and operate in the new scenario of a multiple system of government in the European Union;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-91 METHODS AND TECHNIQUES FOR THE INFORMATION SOCIETY

Graduates will:

- must know how to associate the methods and techniques of company management and public or private administration with computer technologies and methods, possessing competences in each area;

- be able to effectively interpret technological and organizational innovation in companies and administrations;

- know how to work in interdisciplinary groups constituted of experts with competences in the computer and economic-managerial areas, as well as have competences in specific applicative sectors, possessing general knowledge in each of the areas and in-depth knowledge of at least one;

- know how to take on regulation problems connected with the use of computer sciences technology (with reference to security, privacy, legal validity, etc.);

- be able to interpret the innovation within companies and administrations and be able to design new solutions for the use of computer sciences technology and communication in these areas;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-92 COMMUNICATION

Graduates will:

- possess a high level of knowledge regarding the methods and techniques that allow for contributing to the analysis, design and realization of communication models and prototypes at diverse levels;
- be able to design research activities and studies in the communications field;
- be able to understand the structure and functioning of diverse communication methods;
- possess mastery of the computer software used for communications to apply it appropriately to communication needs;
- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-93 E-LEARNING AND MEDIA EDUCATION

Graduates will:

- possess knowledge and competency in the fields of e-learning and media education;

- have developed the scientific, theoretical, practical and methodological competences for the design, realization, evaluation and distribution of educational products for the mass media and the various types of new media;

- have developed the ability to manage and coordinate the communicational AND educational processes and services in the diverse areas of education and training (institutions, associations, not-for-profit);

- have developed the methodological and educational abilities to design, manage, evaluate and distribute educational activities that foresee the use of diverse educational technologies and the Internet in various educational processes;

- have in-depth knowledge of the diverse types of communication technology in order to develop a critical sense, independence and the ability to analyze and deconstruct texts, audiovisual and multimedia products;

- have an in-depth knowledge of computer systems and communication techniques in order to integrate traditional educational strategies with multimedia, interactive, collaborative and distance learning methods;

- be able to understand the linguistic, operational and technological structure of means of communication to develop a critical and interpretive sense of the symbolic world created by the media;

- be able to design research and development activities in the area of media education and e-learning and to promote experimentation;

- be able to speak and write fluently in at least one European Union language, other than Italian, for professional purposes.

LM-94 INTERPRETING AND SPECIALISED TRANSLATING

Graduates will:

- possess high level competency for in all forms of interpreting and/or for translation of verbal and media communication using the voice or even sign language, as well as elaboration and professional adaptation of texts in inter-linguistic and intercultural sectors;
- possess in-depth knowledge of the characteristics of the language and related fields, including the world of publishing and interpreting;
- possess in-depth study of the theory and techniques for interpreting and/or translations;
- possess the ability to use new technologies for the interpreting and translation;
- possess the ability to use traditional and computer methods for research and documentation;
- be able to conceive of, manage and evaluate complex translation and/or interpretation projects requiring diverse linguistic and operative competences and involving various people.