Classification of qualifications

The Excelsior classification of qualifications is organised into levels of education, disciplines and groups. The levels are: university degree, higher technical education, upper secondary school diploma, professional education diploma, professional education qualification, compulsory school. For university qualifications, the classification comes from a mapping of the three-year and master's degree courses existing in Italian universities and known at the time the survey was carried out. The data is presented in homogeneous degree groups and subsequently grouped into disciplines.

For upper secondary school diplomas, the classification comes from the elementary qualifications, which are placed into groups and subsequently into disciplines. The attached table shows the list that is used for display purposes, with the aim of expressing the area of education, sometimes regardless of distinction by type of school (for example, the data relating to the technical and professional institutes are included in the tourism area).

For professional education diplomas and qualifications, the qualifications that are identified separately in the survey are listed. For the presentation, they are considered in the one level of education by homogeneous training areas (e.g. operator / agricultural technician)...

For ease of reading, the university qualifications and diplomas are listed in alphabetical order.

UNIVERSITY EDUCATION - MASTER'S DEGREES

Disciplines and degree courses

Agriculture, food and livestock
Agricultural Biotechnology
Veterinary Medicine
Science of Human Nutrition

Agricultural Sciences and Technologies
Food Sciences and Technologies

Forestry and Environmental Sciences and
Animal Sciences and Technologies

Pharmaceutical Chemistry
Pharmacy and Industrial Pharmacy
Chemical Sciences
Industrial Chemistry Sciences and Technologies

Defence and Security
Defence and Security Sciences

Economic
Finance

Planning and Management of Tourism Systems
Public Administration Sciences

Economic Sciences

Economic and Social Sciences of Gastronomy

Environmental and Cultural Economics
Economics and Business Studies

Legal
Master's Degree in Law

Legal Sciences

Civil engineering and architecture

Architecture and Architectural Engineering
Preservation and Restoration of Cultural
Heritage

Landscape Architecture
Architecture and Architectural Engineering
Design
Civil Engineering
Building Systems Engineering
Engineering for the Environment and the
Territory
Territorial, Urban and Environmental planning
Sciences for the Preservation of Cultural
Heritage
Safety Engineering

Electronic and information engineering
Automation Engineering
Telecommunications Engineering
Electronic Engineering
Computer Engineering

Disciplines and degree courses

Industrial Engineering
Aerospace and Astronautical Engineering
Electrical Engineering
Energy and Nuclear Engineering

Mechanical Engineering
Naval Engineering

Automation Engineering
Biomedical Engineering

Chemical Engineering
Materials Science and Engineering

Other engineering disciplines
Biomedical Engineering

Safety Engineering
Management Engineering

Mathematical-Physical Modelling for
Engineering

Teaching and education
Planning and Management of Educational
Services
Primary Education Sciences

Adult Education and Continuing Education
Sciences
Pedagogical Sciences

E-learning and Media Education Theories and
Methodologies

Linguistic, translators and interpreters
Languages and Literature of Africa and Asia

Modern European and American Languages
and Literature
Modern Languages for International
Communication and Cooperation
Linguistics
Specialized Translation and Interpreting

Doctor and dentist
Medicine and Surgery

Dentistry and Dental Prosthesis

Political - social
Information and Editorial Systems
International Relations
Public, Business and Advertising Communication
Sciences
Political Sciences
Development Cooperation Sciences

Social Service and Social Policies
Sociology and Social Research
European Studies
Communication Theories

Psychological
Psychology

Cognitive Sciences

Disciplines and degree courses

Healthcare and paramedical
Preventive Healthcare Profession Sciences
Technical Healthcare Profession Sciences
Sciences and Techniques of Preventive and
Adapted Motor Activities
Sports Sciences and Techniques
Nursing and Midwifery Sciences

Health Profession Rehabilitation Sciences

Biological sciences and biotechnologies
Biology
Agricultural Biotechnology
Industrial Biotechnologies
Medical, Veterinary and Pharmaceutical
Biotechnologies
Science of Human Nutrition

Earth Science

Natural Sciences
Geological Sciences and Technologies
Sciences and Technologies for the Environment
and the Territory
Geophysical Sciences

Mathematical, physical and computer sciences
Physics

Computer Science
Mathematics
Computer methodologies for the Humanities

Mathematical-Physical Modelling for
Engineering
Science of the Universe

Navigation Sciences and Technologies
IT security
Techniques and Methods for the Information
Society

Motor sciences

Organization and Management of Services for
Sport and Physical Activities

Statistical
Statistical Sciences

Statistical, Actuarial and Financial sciences

Humanistic, philosophical, historical and artistic
Cultural Anthropology and Ethnology

Archaeology
Archival and Library Science
Modern Philology
Philology, Literature and History of Antiquity
Information and Editorial Systems
Musicology and Musical Heritage
Science of Religions
Entertainment Sciences and Multimedia
Production
Philosophical Sciences
Geographical Sciences
Historical Sciences
Art History

UNIVERSITY EDUCATION - THREE-YEAR DEGREES

Disciplines and degree courses

Agriculture, food and livestock
Agricultural and Forestry Sciences and Technologies
Food Sciences and Technologies
Animal Sciences and Technologies of Animal Production

Pharmaceutical Chemistry

Chemical Sciences and Technologies
Pharmaceutical Sciences and Technologies

Defence and Security
Defence and Security Sciences

Economic

Tourism Sciences
Administration and Organisational Sciences

Economic Sciences and Business Management Studies
Economics

Science, Culture and Policies of Gastronomy

Legal
Science of Legal Services

Civil engineering and architecture

Preservation of Cultural Heritage Diagnostics
Industrial Design
Civil and Environmental Engineering
Architectural Sciences
Territorial, Urban, Landscape and Environmental Planning Sciences
Building Sciences and Techniques

Disciplines and degree courses

Information Engineering
Information Engineering

Industrial Engineering

Industrial Engineering

Teaching and education
Science of Education and Formation

Linguistic, translators and interpreters
Modern Languages and Cultures
Linguistic Mediation

Political - social
Science of Communication

Political Sciences and International Relations

Social Sciences for Cooperation, Development and Peace
Social Service
Sociology
Science, Culture and Policies of Gastronomy

Psychological

Psychological sciences and technologies

Healthcare and paramedical
Preventive Healthcare Professions
Rehabilitation Healthcare Professions
Rehabilitation Health Professions

Healthcare, Nursing Professions and Midwifery Healthcare Profession

Disciplines and degree courses

Biological sciences and biotechnologies
Biotechnologies

Biological Sciences

Earth Science
Sciences and Technologies for the Environment and Nature
Geological Sciences

Mathematical, physical and computer sciences
Physical Sciences and Technologies
Computer Sciences and Technologies
Mathematical Sciences
Navigation Sciences and Technologies

Motor sciences

Motor and Sports Sciences

Statistical
Statistics

Humanistic, philosophical, historical and artistic

Cultural Heritage
Visual Arts, Music, Entertainment and Fashion disciplines
Philosophy
Geography
Literature
History

HIGHER TECHNICAL EDUCATION

Disciplines and Qualifications	**Disciplines** and Qualifications

Energy efficiency

Technician for energy supply and generation

Technician for the management and testing of energy systems

Technician for energy saving in buildings

Sustainable mobility

Technician for the mobility of people and goods

Technician for the production and maintenance of means of transport

Technician for Infomobility and logistics infrastructure

New life technologies (biotechnology and health)

Research / development technician in biotechnology

Quality system management technician in biotechnologies

Technician for the production of diagnostic, therapeutic and rehabilitative equipment and devices

New technologies for the Made in Italy brand - agri-food industry

Technician for the production of agricultural, agri-food and agro-industrial transformations

Technician for the control, enhancement and marketing of agricultural, agrI-food and agro-industrial productions

Technician for environmental management in the agrI-food system

New technologies for the Made in Italy brand - the home system

Technician for the innovation and quality of housing

Process, product, communication and furniture marketing technician

New technologies for the Made in Italy brand - mechanics

Technician for the innovation of mechanical processes and products

Technician for automation and mechatronic systems

New technologies for the Made in Italy brand - fashion

Technician for design, communication and marketing processes in fashion

Process, product, communication and textiles/clothing/fashion marketing technician

Process and product technician for the finishing of textile/clothing/fashion items

Process, product, communication and footwear-fashion marketing technician

New technologies for the Mae in Italy brand - marketing and sustainability

Marketing and business internationalisation technician

Product sustainability technician (design and packaging)

Innovative technologies for cultural heritage and activities

Technician for communication and marketing of tourism/cultural activities

Technician for the management of tourist-accommodation facilities

Technician for the management of the architectural restoration site

Technician for the production/reproduction of artistic artefacts

Information and communication technologies

Technician for software development methods and technologies

Technician for the organisation and use of information and knowledge (multimedia)

Technician for communication systems architecture and infrastructures

HIGHER SECONDARY SCHOOL DIPLOMA (5 YEARS)

Disciplines and Qualifications

Administration, Finance and Marketing

Administration, Finance and Marketing

International Marketing Relations

Commercial/Administrative Services

Business Information Systems

Tourism, food and wine and accommodation

Food and Wine and Hotel Accommodation

Tourism

Mechanics, mechatronics and energy

Energy

Mechanics and Mechatronics

Transport and logistics

Vehicle Operation (air, naval, maritime equipment)

Vehicle Construction (naval/aeronautical)

Logistics

Electronics and electrical engineering

Automation

Electronics

Electrical Engineering

IT and Telecommunications

Computer Science

Telecommunications

Graphics and communication

Graphics and Communications

Cultural and Entertainment Services (audio, video, photography, new media)

Chemistry, materials and biotechnology

Environmental biotechnologies

Healthcare Biotechnologies

Chemistry and materials

Fashion system

Footwear and fashion

Textile, clothing and fashion

Disciplines and Qualifications

Agriculture, agri-food and agro-industry

Agriculture, Rural Development, Enhancement and Land Management

Environmental and Territorial Management

Water Management and Environmental Reclamation

Fishing/Fish Production

Agri-food Production and Processing

Viticulture and Oenology

Buildings, environment and territory

Buildings, Environment and Territory (formerly surveyor)

Geotechnical

Social and healthcare

Dental Technician

Optician

Healthcare and Social Assistance Services

Industrial and artisan production and maintenance

Industry and Craftsmanship for the Made in Italy brand

Maintenance and Technical Assistance (systems/machines/plants)

Arts (high school)

Arts high school - Architecture and Environment

Arts high school - Figurative Arts (graphics/painting/sculpture)

Arts high school - Multimedia Audio-visual

Arts high school - Design (fashion, glass, books, ceramics, industry, wood, furniture, precious items)

Arts high school - Graphics

Arts high school - Stage Design

Music and Dance high school

Languages (high school)

Languages high school

General (other high schools)

Classical studies high school

Scientific high school (traditional/applied sciences)

Scientific high school sports disciplines

Human sciences high school

Human sciences high school- economic and social

PROFESSIONAL EDUCATION DIPLOMAS (4 YEARS)

Disciplines and Qualifications	Disciplines and Qualifications
Agri-food industry	**Industrial**
Agricultural technician	Motor vehicle repair technician
Food production technician	Electrical technician
Sea and inland waters technician	Thermal-hydraulics technician
	Wood technician
Commercial (tourism/services)	Clothing and home textile products technician
Graphics technician	Logistics services technician
Business services technician	Water management and environmental reclamation technician
Sales services technician	Leather goods processing technician
Catering technician (kitchen, pastry, bar)	Textile processing technician
Promotion and reception services technician	Mechanical technician - iron and metal working
Wellness technician (hairdressing/aesthetics)	Mechanical technician - programming and management of production plants
Tourist entertainment services, sports and leisure technician	Mechanical technician - industrial automation
Entertainment systems set-up and production technician	Mechanical technician - digital modelling and production
	Renewable energy technician
Building	
Building technician	**Computer technician**
	Computer technician
	Gold and stone materials processing
	Stone materials technician
	Gold and precious metal processing technician

PROFESSIONAL EDUCATIONAL QUALIFICATIONS (3 YEARS)

Disciplines and Qualifications

Agri-food industry

Agricultural worker

Food production worker

Sea and inland waters professional

Commercial (tourism/services)

Graphics professional

Business services technician

Sales service professional

Catering worker (kitchen, pastry shop, bar)

Promotion and reception services operator

Wellness technician (hairdressing/aesthetics)

Building

Construction worker

Disciplines and Qualifications

Industrial

Mechanical worker

Motor vehicle repair worker

Electrical professional

Thermal-hydraulics professional

Wood worker

Clothing and home textiles professional

Footwear professional

Pleasure boat assembly and maintenance operator

Logistics services operator

Water management and environmental reclamation worker

Leather goods processing worker

Textile processing worker

Chemical production worker

Computer technician

Computer technician

Gold and stone materials processing

Stone materials worker

Gold and precious metal processing worker