

INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE

ANIMAL CARE

The Bachelor's degree offers a unique educational pathway, targeting people who aim at taking professional care of animals and protecting their wellbeing. The programme provides knowledge, skills and competences to develop qualified human resources specialised in animal care, husbandry and welfare, able to operate in different international contexts. Multidisciplinary field experiences, including visits to zoological parks, rehabilitation centres, research facilities, are organised to introduce students to the practical activity.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

ANIMAL CARE

LEVEL Bachelor

SCHOOL Agricultural Sciences and Veterinary Medicine

DEPARTMENT Comparative Biomedicine and Food Science

DURATION 3 years (180 ECTS)

START DATE October

LOCATION Agripolis Campus, Legnaro (Padua), Italy

AVAILABLE PLACES Non-European candidates residing outside Italy: 10 (1 Marco Polo Project) Others: 33

PROGRAMME COORDINATOR

Lieta Marinelli

WEB

www.unipd.it/en/animal-care

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

7 January - 7 March

2nd Call:

June-September (if any places available)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Secondary school diploma. Good command of Mathematics, Physics, Biology and Chemistry
- English: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Common path (1st-2nd year): Mathematics; Physics; Chemistry and biochemistry; Bioethics and legislation; Animal biology and genetics; Animal Anatomy and Physiology; Husbandry and welfare; Behavioral Neuroscience; Communication skills; Prevention and control of transmissible diseases; Nutrition; Comparative reproduction; Pharmaco-toxicology; General pathology.
Study plans (student choice, 3rd year): Wild and Zoo Animals/Animals in Scientific Research/Aquatic Animals

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work in private and public organisations where management, health, welfare and preservation of animals are driven by a modern and international approach. Job opportunities include taking care of animals in a controlled environment and assisting experts in the monitoring of animals intended for recreational, research, educational, sport and assistance activities.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF HUMAN AND SOCIAL SCIENCES AND CULTURAL HERITAGE

APPLIED SCIENCES TO CULTURAL HERITAGE MATERIALS AND SITES

The Master's degree acknowledges the recent scientific advances in the investigation of cultural heritage materials at different scales, from the site/landscape survey to diagnostics at the molecular and atomic levels, and the interpretation of derived information. Based on truly interdisciplinary collaborations, the programme offers the theoretical background and the necessary practical knowledge towards the application of scientific methods to archaeological and cultural heritage materials.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

APPLIED SCIENCES TO CULTURAL HERITAGE MATERIALS AND SITES

LEVEL Master

SCHOOL Human and Social Sciences and Cultural Heritage

DEPARTMENT Department of Cultural Heritage: Archaeology and History of Art, Cinema and Music

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Michele Asolati

WEB

www.unipd.it/en/applied-sciences-archaeology

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /
2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) in Science, Engineering, Cultural Heritage, Archaeology, or Human Sciences, with proven skills and/or motivation in Archaeological Sciences and Conservation of Cultural Heritage
- English language: B1 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Integrated analysis of cultural heritage materials, Geomorphology of archaeological landscapes and sites, Suite of courses on Materials properties and conservation, Geoarchaeology and micromorphology, Dating techniques, Geophysics for cultural heritage, Macromolecules and genetics, Communication and digital experience in CH
2nd Year: Historical buildings and sites, Suite of courses on Materials properties and conservation, Remote sensing for archaeology, Databases and data processing, Authentication, History and theory of restoration, Urban history, Management and valorization of CH

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as archaeologist, archaeological scientists, managers of archaeological sites, consultants and planners for Museums and for diagnostic and conservation programs of sites and CH materials. Their skills and knowledge are unique for the interpretation and valorization of the Archaeological and Cultural Heritage.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE

ASTROPHYSICS AND COSMOLOGY

The Master's degree aims at providing students with a comprehensive, up-to-date view of the main fields of modern Astrophysics, including astronomical detectors and techniques, black holes and neutron stars, cosmology, gravitational physics, planets, stars and galaxies. Particular emphasis is placed on a solid background in Physics and on the growing ties among Astrophysics and different branches of Physics in the coming era of multi-messenger observations.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

ASTROPHYSICS AND COSMOLOGY

LEVEL Master

SCHOOL Science

DEPARTMENT Physics and Astronomy

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Paola Marigo

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www.unipd.it/en/astrophysics-cosmology

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Physics, Mathematics, Chemistry, basic Computer Sciences and programming
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Common Path: Mathematical and Numerical Methods; General Relativity; Astrophysics Laboratory

Path 1 - Theory and Modelling: Theoretical Cosmology; Radiative Processes in Astrophysics; Theoretical Physics; Compact Object Astrophysics

Path 2 - Observations, Experiments and Interpretation: Stellar Astrophysics; Astrophysics of Galaxies; Observational Cosmology; Astrophysics Laboratory 2

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as coordinators or members of research groups in public or private research institutions, or as professionals in industries with a technological profile. They can also be employed in sectors that require skills in modelling, testing, and interpreting large and complex data sets, such as consulting companies, research centres and public administration.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE

BIOTECHNOLOGIES FOR FOOD SCIENCE

The Master's degree explores how to produce healthier and safer food following a cross-cutting, farm/field-to-fork approach. Theoretical lessons are mixed with practical training, offering hands-on experience in advanced DNA, RNA, and protein analysis together with lab sessions in bioinformatics. Focused on the application of innovative biotechnological methodologies in food production and safety, it is the ideal connection between the requests of consumers and producers in the agri-food sector and the research applied to production and food-safety.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

BIOTECHNOLOGIES FOR FOOD SCIENCE

LEVEL Master

SCHOOL Agricultural Sciences and Veterinary Medicine

DEPARTMENT Comparative Biomedicine and Food Science

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Agripolis Campus, Legnaro (Padua), Italy

PROGRAMME COORDINATOR

Mauro Dacasto

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www.unipd.it/en/biotechnologies-food-science

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Biology, Biotechnology for the production of goods and services, ethical regulations and issues
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Applied Genomics for Animal and Crop improvement; Applied Bioinformatics; Molecular Basis of Disease, Immunology and Transmissible Diseases; Food Microbiology and Food Microbial Biotechnology; Epidemiology and Risk Analysis; Laboratory of Advanced DNA, RNA, and Protein Analysis; Traceability Tools for Species Authentication; Biotechnology for Crop Production
2nd Year: Advanced Technologies for the Agrifood Sector; Biotechnology In Plant Protection; Food Toxicology and Food Regulation; Practical Training; Dissertation

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work in private and public research centres, in public institutions dealing with animal health and food safety as well as in the private agri-food sector, from animal and crop production, to food processing and large food retail chains.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ECONOMICS AND POLITICAL SCIENCES

BUSINESS ADMINISTRATION

The Master's degree provides both theoretical and technical skills that allow students to develop and implement consistent strategies within the surrounding competitive environment. Students acquire solid knowledge of the business processes and practices that inspire and drive managerial action, responding to unexpected changes and considering the challenges of the evolving markets. The interactive teaching style enhances the involvement of all students through working on case studies, business simulations, meeting with executives and visiting leading firms.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

BUSINESS ADMINISTRATION

LEVEL Master

SCHOOL Economics and Political Sciences

DEPARTMENT Economics and Management "Marco Fanno"

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Andrea Furlan

WEB

www.unipd.it/en/business-administration

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent in at least one of the following areas: Economics and Management; Business Economics; International Business Economics; Business Administration; Accounting, Finance and Control; Industrial Engineering.
- GMAT test
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Curriculum Management: Advanced Marketing; Operations and Logistics; Organisational Design and Behaviour; International Business Law; Statistics for Management

Curriculum Accounting and Finance: Advanced Management Accounting; Corporate Finance and Banking; International taxation; Finance and real options; Accounting for Financial Institutions; Financial Risks and derivatives

Common modules: Strategic Development and Planning; Business plan; Corporate finance; Advanced Accounting; International Law and Management of M&A Processes

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as administration, finance and control specialists; human resources managers; marketing, logistics and operations managers; marketing counsellors; banks and insurance managers; government and public service managers.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF PSYCHOLOGY

CLINICAL, SOCIAL AND INTERCULTURAL PSYCHOLOGY

The Master's degree offers knowledge and practical skills in different sectors of Psychology, in order to diversify the psychologist's toolbox across interventions regarding mental health, individuals at work and societies. Contemporary societies are increasingly complex and multifaceted, requiring psychologists to deal with interculturality and multiple ethnicities in their work with both individuals and the community.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

CLINICAL, SOCIAL AND INTERCULTURAL PSYCHOLOGY

LEVEL Master

SCHOOL Psychology

DEPARTMENT Philosophy,
Sociology, Education and
Applied Psychology

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

AVAILABLE PLACES Non-European
candidates residing outside
Italy: 20 (2 Marco Polo Project)
Others: 30

PROGRAMME COORDINATOR

Sara Mondini

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www.unipd.it/en/clinical-social-intercultural-psychology

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

7 January - 7 March

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree in Psychology or related subjects
- English language: B2 level (CEFR) or equivalent certificate

PROGRAMME STRUCTURE

1st Year: Intercultural psychology; Cross-cultural issues in personnel psychology; Assessment and diagnosis in clinical neuropsychology; Clinical psychology and cultural differences; Psychology of adult development across cultures; Brain disorders and behavior across cultures; Animal behavior; Cross-cultural research methods.

2nd Year: Sociology, places and cultures of sustainability; Philosophy of interculturality; Psychology for cooperation and sustainable development; Community mediation; Intercultural analysis of crisis and discomfort in developmental processes.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as psychologists in areas with multicultural users: Hospitals, Education, Multidisciplinary teams operating in the field of social welfare, non-profit social cooperatives or non-governmental organisations, Private and public work organisations with multi-ethnic clients and personnel.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF PSYCHOLOGY

COGNITIVE NEUROSCIENCE AND CLINICAL NEUROPSYCHOLOGY

The Master's degree offers the latest developments in Cognitive Neuroscience and Clinical neuropsychology research and applications. The programme encourages an active role for students and offers several hands-on trainings for learning TMS, tDCS, EEG, fNIRS, eye-tracking, clinical testing and advanced imaging software. This allows students' theoretical learning to be complemented by state-of-the-art technical and practical skills.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

COGNITIVE NEUROSCIENCE AND CLINICAL NEUROPSYCHOLOGY

LEVEL Master

SCHOOL Psychology

DEPARTMENT General Psychology

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

AVAILABLE PLACES Non-European candidates residing outside Italy: 20 (2 Marco Polo Project) Others: 30

PROGRAMME COORDINATOR

Patrizia Bisiacchi

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www.unipd.it/en/cognitive-neuroscience-and-clinical-neuropsychology

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

7 January - 7 March

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree in Psychology
- English language: B2 level (CEFR)

PROGRAMME STRUCTURE

Programme units: Advanced Social Psychology and Social Neuroscience; Affective Neuroscience and Psychopathology; Clinical Neuropsychology; New Concepts in Developmental Cognitive Psychology; Neuroanatomy; Neuropsychological Assessment and Rehabilitation; Neurology; New concepts in Cognitive Psychology; Principles of Neuroscience and Neuropsychology; Psychiatry and Psychopharmacology, Individual differences in cognition, Cognition and computation, Human electrophysiology, Neuropsychology of aging.
Laboratories: EEG; fNIRS, TMS, tES; Clinical Neuropsychological assessment

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates may seek employment opportunities mainly in the emerging fields of Clinical Neuropsychology or Cognitive Neuroscience, e.g. computational neuroscience, neuroergonomy, and brain stimulation, or pursue PhD studies, especially in Cognitive and Clinical Neuroscience.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF HUMAN AND SOCIAL SCIENCES AND CULTURAL HERITAGE

COMMUNICATION STRATEGIES

The Master's degree programme in Communication Strategies offers an advanced study programme focusing on cross-disciplinary methods for designing communication projects and strategies. The programme aims to provide students with the theoretical and practical knowledge necessary for the analysis of communication in different fields, such as multimedia and technology, business and marketing, sociology and communication practices. The programme offers an important chance to receive a high-quality education that responds to the rapid transformations and significant challenges of today's world of communication.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

COMMUNICATION STRATEGIES

LEVEL Master

SCHOOL Human and Social Sciences and Cultural Heritage

DEPARTMENT Linguistic and Literary studies

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Denis Brotto

WEB

www.unipd.it/en/communication-strategies

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /
2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) in Communication or equivalent
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Computational Thinking, Writing for the Media, Communication Practices, Diversity and Inclusion, Digital Cinema and Video Making, Text as Data, Immersive Technologies, Social Network Analysis.

2nd Year: Digital Culture and Society, Economic Policy and Local Development, Digital Sociology, Technology and Society, Sound Design and Music Technology, Mobile App Design

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates will be able to apply for jobs such as head of public relations, head of communication and marketing, head of press office, project manager, account executive, account supervisor, media planner, copywriter for advertising, web content manager. Graduates may also continue their education in doctoral programmes.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

COMPUTER ENGINEERING

The Master's degree is designed to convey world-class competences and abilities for mastering and developing advanced IT systems. The programme provides strong methodological foundations as well as the practical skills required to deal with advanced applications in several areas of Computer Engineering.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

COMPUTER ENGINEERING

LEVEL Master

SCHOOL Engineering

DEPARTMENT Information Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Carlo Ferrari

WEB

www.unipd.it/en/computer-engineering

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) in Engineering or related fields (e.g. Mathematics), with proven skills in Information Engineering, Physics and Mathematics
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Path 1 - Artificial Intelligence and Robotics

Path 2 - Bioinformatics

Path 3 - High Performance and Big Data Computing

Path 4 - Web Information Systems Engineering

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work in virtually unlimited professional fields. They can be employed by companies that design and produce computer components, or where IT is an enabling element for developing systems and equipment in various sectors, such as the automotive, biomedical, telecommunications, avionics, process automation, robotics.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE

COMPUTER SCIENCE

The Master's degree strengthens and deepens the cultural background in the fundamental areas of computer science, introduces the most recent and advanced fields of computer science, and provides some basic skills to investigate a research project in computational disciplines.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

COMPUTER SCIENCE

LEVEL Master

SCHOOL Science

DEPARTMENT Mathematics

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Paolo Baldan

WEB

www.unipd.it/en/computer-science

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent in Computer Science, Information Engineering or related fields (e.g., Mathematics or Statistics), with proven skills in computer science

PROGRAMME STRUCTURE

Study tracks:

- Artificial intelligence
- Internet, Mobile and Security
- Programming languages and systems

Course units: computability, advanced algorithms, modern programming paradigms, mobile programming and multimedia systems, formal methods of programming languages, computer and network security, concurrent, distributed and real-time systems, wireless networks, advanced web technologies, artificial intelligence, machine learning, cognitive services, data mining, bioinformatics, game theory, combinatorial optimization, type theory.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates typically assume managing and leading roles in ICT organizations and may contribute and lead R&D ICT projects in public organizations and private companies. The growth of the ICT job market continues to be very positive, hence the outlook is very promising. Graduates can also apply for PhD programmes in Computer Science or related disciplines.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

CONTROL SYSTEMS ENGINEERING

The Master's degree programme aims at training professionals in the field of automatic control. Students learn how to model, analyse and control the behaviour of a wide array of robotics, industrial, financial, biological and information systems and networks. By acquiring a rigorous scientific approach and advanced physical-mathematical methodological knowledge (especially in the field of information and automation), students learn how to use advanced and innovative tools for the design of control systems and to positively face the current issues of industrial and information engineering.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

CONTROL SYSTEMS ENGINEERING

LEVEL Master

SCHOOL Engineering

DEPARTMENT Information Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Augusto Ferrante

WEB

www.unipd.it/en/control-systems-engineering

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) in Engineering or related fields (e.g. Mathematics), with proven skills in Information Engineering, Physics and Mathematics
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Path 1 - Robotics

Path 2 - Machine Learning

Path 3 - Industrial Automation

Path 4 - Complex Systems

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work either as freelancers or as employees in private and public companies, especially within electrical and electromechanical engineering companies, chemical companies, aero-spatial companies and, more generally, service providers and managing companies requiring design and development of automatic control systems.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE AND SCHOOL OF ENGINEERING

CYBERSECURITY

The Master's degree programme focuses on the design, development and evaluation of secure computer systems, capable of ensuring privacy for future ICT systems. The programme adopts an international perspective, both theoretical and practical, characterised by interdisciplinary contributions (computer science, engineering, statistics, legal-economic and organisational sciences) along with more specific topics related to cyberattack protection.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

CYBERSECURITY

LEVEL Master

SCHOOLS Science, Engineering

DEPARTMENTS Mathematics,
Information Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Mauro Conti

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www.unipd.it/en/cybersecurity

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Information Technology and Information Engineering, such as the basics of programming, communication networks and information systems
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Compulsory units: Cybersecurity and cryptography: principles and practices, Information security, Machine learning, Cognition and computation, Deep learning, Stochastic processes, Biometrics, Computer and network security: advanced topics.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as Cyber Security Specialists, Security Analysts, Auditors, Computer forensics experts, Privacy-design consultants, especially within information and communication technology companies, web and entertainment industry, government agencies.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE

DATA SCIENCE

The Master's degree trains data scientists whose solid technical background is complemented by a multidisciplinary education in various fields where big data emerges. Highly required by industries, consulting companies and public institutions, data scientists design and implement the analysis of big data and provide managers and stakeholders with a clear account of their results.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

DATA SCIENCE

LEVEL Master

SCHOOL Science

DEPARTMENT Mathematics

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Marco Ferrante

WEB

www.unipd.it/en/data-science

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Mathematics and Computer Science
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: common path (Stochastic Methods, Statistical Learning, Machine Learning etc.)

2nd Year:

Path 1: Mathematics of Data Science

Path 2: Biological Data Analytics

Path 3: Machine Learning for Intelligent Systems

Path 4: Cognitive, Social and Economic Data Analytics

Internship and final thesis

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates master tools for collecting, managing and analysing big data, and for translating their work into highly valuable information. Graduates work as data scientists in research centres, internet companies, consulting companies, start-ups and high-tech industries and public administrations.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF PSYCHOLOGY

DEVELOPMENTAL AND EDUCATIONAL PSYCHOLOGY

The Master's degree provides students with cutting-edge scientific knowledge and skills concerning typical and atypical development, and advanced topics in emotion regulation, peer relationships, and cultural developmental psychology. The programme encourages students' active engagement and participation by combining theory with advanced methodology and practice that can be applied to different developmental periods, from infancy to late adolescence.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

DEVELOPMENTAL AND EDUCATIONAL PSYCHOLOGY

LEVEL Master

SCHOOL Psychology

DEPARTMENT Developmental Psychology and Socialisation

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

AVAILABLE PLACES Non-European candidates residing outside Italy: 20 (2 Marco Polo Project) Others: 14

PROGRAMME COORDINATOR

Irene C. Mammarella

WEB

www.unipd.it/en/developmental-educational-psychology

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

7 January - 7 March

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree in Psychology or related fields (e.g. Educational Sciences), with proven knowledge in Developmental and Educational Psychology
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Mandatory courses: Research issues in typical cognitive development; Statistical methods and data analysis in developmental psychology; Advanced data analysis for psychological science; Experimental research methods in psychology; Risk prevention and wellness promotion among youth; Economic inequality: perception, consequences and legitimization

Advanced courses: Research issues in atypical development and learning; Cultural developmental psychology; Advanced topics in emotion regulation and education; Advanced topics in peer relationship research; Developmental, cognitive and social neuroscience

Laboratories: Introduction to academic writing; Writing grant proposals; Research ethics

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as professionals in applied developmental and educational psychology, especially in educational or child and youth clinical centres, or as data scientists or policy advisers at international level. The programme also represents an excellent starting point for PhD studies.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ECONOMICS AND POLITICAL SCIENCES

ECONOMICS AND FINANCE

The Master's degree focuses on the economic and financial phenomena, providing expert technical knowledge to analyse, interpret and manage complex issues in order to develop and assess public policies.

Thanks to small size classes and a dedicated faculty with an international reputation, students benefit from a challenging academic environment and receive an advanced training to work directly within financial institutions, private companies and either national or international government institutes.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

ECONOMICS AND FINANCE

LEVEL Master

SCHOOL Economics and Political Sciences

DEPARTMENT Economics and Management "Marco Fanno"

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Bruno Maria Parigi

WEB

www.unipd.it/en/economics-finance

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /
2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent in at least one of the following areas: Economics; Economics, Markets and Institutions; Accounting, Banking and Finance; Business Administration; Mathematics, Statistics and Finance
- GMAT test
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Curriculum Economics: Mathematics for Economics; International Economics; Human Capital and Health; Industrial Economics; Public Economics

Curriculum Banking and Finance: Financial Economics; Mathematics for Financial Risk; Banking Financial and Risk Management; Analysis of Investment Projects; Personal Finance

Common modules: Advanced Econometrics; Macroeconomics; Corporate Finance and Accounting; Capital Markets and Regulations

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as executives in different fields (Economics, Finance or Banking) in various environments such as: banks, insurance companies, asset management and consulting firms, stock exchanges, supervisory authorities, government and public service companies, international organisations.

The programme represents a great starting point for PhD studies, particularly in Economics or Finance.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

ENERGY ENGINEERING

The Master's Degree provides key skills to fulfil management and R&D roles in the sustainable production, distribution and use of energy in its various forms, whilst dealing with environmental, economic and regulatory aspects. Professionals are also trained in renewable energy sources and main energy conversions, covering studies on cogeneration, combined and nuclear plants, energy in buildings, heating and refrigeration systems. The Programme has been awarded the EUR-ACE label (European Network for the Accreditation of Engineering Education), proof of a high-quality Engineering degree programme in Europe and abroad.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

ENERGY ENGINEERING

LEVEL Master

SCHOOL Engineering

DEPARTMENT Industrial Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Davide De Col

WEB

www.unipd.it/en/energy-engineering

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) with proven skills in Mathematics, Physics, Chemistry, Thermodynamics, Heat transfer, Electrical and Mechanical engineering and languages
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Common course units: Applied Energy, Combustion, Energy Systems, Electric Power Systems, Energy Economics, Heat Transfer and ThermoFluid-Dynamics, Industrial Measurements, Renewable Energy Technologies.

Optional course units: Biofuels and Sustainable Industrial Processes, Cogeneration and Combined Plants, Green Power Conversion and Utilization, Heating Ventilation Air Conditioning Systems, Laboratory of Applied Thermodynamics, Advanced Control Systems, Nuclear Fission and Fusion Plants, Photovoltaic Science and Technology, Refrigeration and Heat Pump Technology, Wind and Hydraulic Turbines, Energy and Buildings

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Energy engineers work in the field of advanced design, integration of conventional and renewable energy systems, in companies producing mechanical, heating and cooling equipment, electrical systems, or dealing with energy production and distribution, transformation and utilization, and in technical departments of public administration.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF HUMAN AND SOCIAL SCIENCES AND CULTURAL HERITAGE

ENGLISH STUDIES

The Master's degree offers an advanced study programme focusing on English language, literature and culture for students wishing to acquire both state-of-the-art knowledge and professional skills in the field. It offers a unique chance to receive a high-quality education that actively responds to the vibrant challenges of the marketplace, and plays on a European scale in terms of advanced professional specialisation in the international lingua franca. Its English-medium courses make it fully accessible for international students.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

ENGLISH STUDIES

LEVEL Master

SCHOOL Human and Social Sciences and Cultural Heritage

DEPARTMENT Linguistic and Literary studies

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Gabriele Bizzarri

WEB

www.unipd.it/en/english-studies

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) in Languages and Literatures
- English language: C1 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Special Topics in English Linguistics; English Language, Linguistics and Translation; English/Angloamerican Literature; Linguistics and Philology

2nd Year: Literary Translation; Critical and Teaching Approaches to English Literature; English Language, linguistics and translation; English/Angloamerican Literature.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates will be able to apply for jobs such as the teaching of English language and literature, translation, communication in English in the media, journalism, collaboration with cultural institutions and publishers.

Graduates may also continue their education in doctoral programmes.



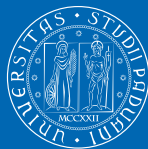
INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ECONOMICS AND POLITICAL SCIENCES

ENTREPRENEURSHIP AND INNOVATION

The Master's degree aims at training business developers and new entrepreneurs able to define and apply sustainable business models, master multi-dimensional forms of innovation (technological, marketing, organisational, social innovation), create and grow companies in the current digital scenario, within a global environment. Students benefit from pioneering research and learning-by-doing activities through managerial labs. Case study presentations, meetings with entrepreneurs, and business events are organised throughout the programme.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

ENTREPRENEURSHIP AND INNOVATION

LEVEL Master

SCHOOL Economics and Political Sciences

DEPARTMENT Economics and Management "Marco Fanno"

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Eleonora Di Maria

WEB

www.unipd.it/en/entrepreneurship-and-innovation

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent in at least one of the following areas: Economics and Management, Marketing & Communication, Business Economics, International Business Economics, Business Administration, Management Engineering, Economics and Statistics, Economics and Law.
- GMAT test
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Economics and Management of Innovation; Relational Marketing; Global Firms and Global Value Chains; Management Control and Finance; English for Economics and Business; Corporate Law; Economics for Management; Statistics for Management

2nd Year: Entrepreneurship and Strategies for Growth; Service Management; Economics of Human Resources; Organisation Design and Governance of Human Capital.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as counsellors and executives in manufacturing SMEs, large firms, spin-offs or dedicated business units where supervision to the implementation of new business strategies, internationalisation or innovation is needed. Moreover, they can find employment in non-profit organisations oriented to innovation-oriented non-profit organisations.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

ENVIRONMENTAL ENGINEERING

The Master's degree, thanks to a multidisciplinary approach that considers the different physical, biological and chemical aspects of natural and anthropogenic systems, allows students to acquire full command of methodological and operational aspects of engineering for the prevention and remediation of degradation and risk in natural and built environments. It provides both theoretical and practical expertise for the design, execution, management and monitoring of activities that imply highly complex modifications to the ecosphere, especially where exploitation of natural resources is involved.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

ENVIRONMENTAL ENGINEERING

LEVEL Master

SCHOOL Engineering

DEPARTMENT Civil, Environmental and Architectural Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Paolo Salandin

WEB

www.unipd.it/en/environmental-engineering

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) in Civil or Environmental Engineering or related subjects, e.g. Chemical or Petroleum or Geophysical or Agricultural Science, with proven skills in Engineering
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Path - Soil, Water And Environment with three different sub-paths: Environment and Sustainability, Land Planning and Management, Soil Protection and Water Management

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates can find employment in public authorities or private companies acting in the fields of environmental protection and/or land management, public administrations, insurance companies, public and private research centres. They may also work in engineering firms or as freelance consultants dealing with various environmental issues (e.g. waste control and reuse, water and land management, environmental impact assessment, monitoring, modelling, risk management).



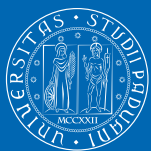
INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ECONOMICS AND POLITICAL SCIENCES

EUROPEAN AND GLOBAL STUDIES

The Master's degree provides a global, original and critical perspective on political and institutional settings, thanks to the development of solid competences, methods and conceptual tools useful for the analysis of political, historical, social and economic contexts. This background allows the development and management of political strategies, social intervention and projects both at European and international level, within multi-actor and multi-level settings.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

EUROPEAN AND GLOBAL STUDIES

LEVEL Master

SCHOOL Economics and Political Sciences

DEPARTMENT Political Science, Law and International Studies

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Paolo Roberto Graziano

WEB

www.unipd.it/en/european-global-studies

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Political Science, International Relations and Diplomacy, International Economics, Management, Cooperation and Development, Intercultural Communication, Media and Cultural Studies, International Law, Linguistics, Political Philosophy, Geography, Psychology, Sociology, History
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Common path: History of ideas; Political Philosophy; Political Science; Law; Economics; Sociology and Applied Linguistics

Path 1 - European policies: multidisciplinary analysis of the main policy and governance challenges that the European Union is facing

Path 2 – Global communication policies: focuses on how governance, communication and digital transformations intersect on emerging policy and societal challenges

Path 3 - Global social policies and security issues: focuses on the main current global social challenges, in particular on the consequences of inequality and limited social justice on security issues

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as social and political problem-solvers, critical policy analysts, project developers and managers in public, private, and academic bodies, team managers for community building and cultural learning purposes.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE

FOOD AND HEALTH

The Master's degree addresses the complexity underlying the interactions among food, nutrition and human health in an international context, with a paradigm-based structure "from food harvest to global health". The modern teaching approach aims at filling the existing gaps among the different disciplines currently offered in this area, providing multidisciplinary, complementary, highly integrated knowledge. The programme offers both strong theoretical courses and applied research-oriented teaching on food production, food quality and human nutrition, in order to analyse how they relate and affect human health, via dietary habits.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

FOOD AND HEALTH

LEVEL Master

SCHOOL Agricultural Sciences and Veterinary Medicine

DEPARTMENT Department of Land, Environment, Agriculture and Forestry

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Agripolis Campus, Legnaro (Padua), Italy

PROGRAMME COORDINATOR

Mara Thiene

WEB

www.unipd.it/en/food-and-health

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT



ENTRY REQUIREMENTS

- Bachelor's degree or equivalent in Agricultural Science, Forest Science, Food science, Animal Science, Dietetic, Applied Pharmaceutical Science, Biology, Biomedical engineering, Biotechnology, Molecular biology or related fields
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Food science and safety; Nutrition and metabolic pathways: from organs to cells; Genomics of Nutrition; Food microbiota and human microbiome; Ecology of foodborne pathogens, food toxicology and antimicrobial resistance; Sustainable resource-efficient food production and processing; International regulations for food safety, certification and trading; Mechanisms of tissues diseases; Research methods in economics: consumer behavior for healthy choices; Quality control and data analytics in food production; Nutrition-related diseases; Human Nutrition;

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as R&D specialists in the food industry; Food quality and nutrition experts in private or public bodies, international organizations and public health; Agri-food specialists and nutrition consultants for large-scale retailers and food producers; Clinical Dietitian Manager; Health educators and communicators; Researchers in food quality, nutrition and health; Advisory specialists in NGOs.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE

FOREST SCIENCE

The Master's degree proposes a holistic, innovative and international vision on the management and conservation of forests and natural resources. The programme provides a wide understanding of the functioning of forest ecosystems, skills for sustainable and responsible management of forests and rural landscape, and capacity to interpret complex socio-ecological systems and to identify innovative solutions for environmental management, in line with the major local and global environmental issues.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

FOREST SCIENCE

LEVEL Master

SCHOOL Agricultural Sciences and Veterinary Medicine

DEPARTMENT Land, Environment, Agriculture and Forestry

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Agripolis Campus, Legnaro (Padua), Italy

PROGRAMME COORDINATOR

Paola Gatto

WEB

www.unipd.it/en/forest-science

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proved basic skills in ecological, silvicultural, economic and technical areas for natural resources management, production processes and land conservation
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Path 1 - Forest and Land Management: technical profile for management, conservation and valorisation of forests

Path 2 - Forest and Nature for the Future: technical-economic profile in governance of forests and natural ecosystems

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work in public and private institutions as forest planners and managers in the field of sustainable management of forests, natural and semi-natural habitats, land management and protection, landscape management, use and valorisation of forest resources and ecosystems services, nationally or internationally.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE

GEOPHYSICS FOR NATURAL RISKS AND RESOURCES

The Master's degree programme provides professionals and researchers with a wide range of solid theoretical and practical skills, including physical methodologies for soil and subsoil exploration and characterisation at different spatial scales. Students can focus either on the management of natural resources and environmental and engineering disciplines, or on large scale geophysical applications, such as subsoil exploration for mining and energy resources.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

GEOPHYSICS FOR NATURAL RISKS AND RESOURCES

LEVEL Master

SCHOOL Science

DEPARTMENT Geosciences

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Giorgio Cassiani

WEB

www.unipd.it/en/geophysics-natural-risks

ADMISSIONS AND WELCOME

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in disciplines such as Geology, Physics, Engineering, Mathematics and Computer Sciences
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Common Path: Solid Earth Geophysics, Applied Geophysics, Electromagnetism, Basic Geology, Mathematical Physics for the Earth System, Digital Data Processing, Environmental and Engineering Geophysics, Exploration Seismology.

Path 1 – Exploration Seismics, Numerical Methods, Management and analysis of physics data, Laboratories of Computational Physics, Advanced Statistics, Statistical Mechanics, Machine Learning.

Path 2 – Geophysics for Cultural Heritage, Seismic response of built structure, Applied Hydrology, Geotechnics, Geothermics

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as Exploration Geophysicists or Applied and Environmental Geophysicists or as consultants in oil&gas and renewable energy industries, civil engineering/constructions companies, insurance enterprises, either in public or private sectors. They can sit the examination to become professional Geologists and they can also pursue a career as researchers, starting from a PhD in Earth Sciences.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ECONOMICS AND POLITICAL SCIENCES

HUMAN RIGHTS AND MULTI-LEVEL GOVERNANCE

The Master's degree aims at developing a universal culture of human rights. With a strong policy and action-oriented approach, where research and lecturing activities reflect the transnational and transcultural dimensions of human rights studies, it provides professional knowledge and skills to promote and guarantee the respect of human rights. Human rights law, multi-level governance of human sustainable development and security are conceptual paradigms of reference throughout the programme.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

HUMAN RIGHTS AND MULTI-LEVEL GOVERNANCE

LEVEL Master

SCHOOL Economics and Political Sciences

DEPARTMENT Political Science, Law and International Studies

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Marco Mascia

WEB

www.unipd.it/en/human-rights-and-multi-level-governance

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /
2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Political Sciences, International Relations, Sociology and International Law
- English language: B2 level (CEFR) or equivalent
- Proficiency in French, Spanish, German or Portuguese

PROGRAMME STRUCTURE

1st Year: Human rights (HR) and International Law; HR in International Politics; Refugee HR protection; Economic Globalisation and HR; Economics of Human Capital; Women's/Children's Rights; HR Practice

2nd Year: Language of Advocacy; Microfinance for Social Change; Constitutional Development and Democratisation; Second language; Culture, Society and Human Rights; Religions and Human Rights

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students

available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as human rights officers, as researchers and policy planners in international, national and non-governmental organisations, in the diplomatic service, in the public sector, in trade unions or political parties; as project managers and field officers of humanitarian aid; as journalists; as experts of social responsibility units and international relations departments within corporate organisations.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

ICT FOR INTERNET AND MULTIMEDIA

The Master's degree captures the evolution of the information engineering profession and represents a modern teaching approach that combines solid fundamental knowledge and advanced technological skills.

Focusing on devices, networks, signals, as well as cross-disciplinary issues (big data, photonics, life sciences), the programme offers both strong theoretical courses and applied research-oriented teaching towards advanced technologies for future society.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

ICT FOR INTERNET AND MULTIMEDIA

LEVEL Master

SCHOOL Engineering

DEPARTMENT Information Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Michele Zorzi

WEB

www.unipd.it/en/ict-internet-multimedia

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) in Engineering or related fields (e.g. Mathematics), with proven skills in Information Engineering and Mathematics
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Path 1 - Telecommunications

Path 2 - Cyber systems

Path 3 - ICT for life and health

Path 4 - Photonics

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as experts in the analysis, design, planning and management of complex ICT systems and applications; network and telecommunication system operators; manufacturers in the ICT sector and defence; management and development of ICT applications and services; system integrators and ICT consulting firms; regulatory bodies, standardisation bodies, and certification bodies; research and development centres, and Academia; software houses; engineering consultants; networked multimedia services (business and entertainment).



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

INFORMATION ENGINEERING

The Bachelor's degree, distinguished by a methodological and multidisciplinary training approach, provides in-depth training in both the physical/mathematical fundamentals and in the disciplines characterizing information engineering: control systems, electronics, telecommunications, computer science and bioengineering.

At first, the programme offers fundamental and cross-cutting theoretical course units. As students progress, specializing course units, including high-tech equipped laboratories, can be chosen within a large list, to create personal, focalized or broad-spectrum training.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

INFORMATION ENGINEERING

LEVEL Bachelor

SCHOOL Engineering

DEPARTMENT Information Engineering

DURATION 3 years (180 ECTS)

START DATE October

LOCATION Padua, Italy

AVAILABLE PLACES Non-European candidates residing outside Italy: 50 (3 Marco Polo Project) Others: 290

PROGRAMME COORDINATOR

Marco Santagiustina

WEB

www.unipd.it/en/information-engineering

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

7 January - 7 March

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Secondary school diploma
- English TOLC-I (minimum score: 18/50)
- English language: B1 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: English B2 level (if not already possessed), Calculus 1, Introduction to computer science, Linear algebra and geometry, General physics 1, Digital systems

2nd Year: Data structures and algorithms, General physics 2, Calculus 2, Circuit theory, Introduction to machine learning, Probability theory, Signals and systems.

3rd Year: compulsory course units: Control theory, Electronics, Telecommunications. Course units to be chosen by the student: List 1 - Algorithms for engineering, Information transmission media (at least 1); List 2 - Biomedical technology and instrumentation, Systems and models, Finite state systems, Computer networks, Internet and security, Digital signal processing, Microcontrollers and DSP, Integrated circuits (at least 2); List 3, laboratories: Computer engineering, Internet and multimedia, Signals and measurement, Bioengineering, Control engineering, Microelectronics, Optics and photonics (at least 2).

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

The Bachelor's degree grants access to Master's degrees, in Italy or abroad, or to professional employment, in enterprises or in the public sector, in all areas of ICT.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE

ITALIAN FOOD AND WINE

The Master's degree explores understanding, management, promotion and protection of high-value food products. The Italian food production system serves as a model to identify the specific elements outlining the unique value of food products, which have inextricable historical, social and cultural ties with the place (terroir). This background couples with the most recent developments in technology, nutrition, food safety, diet and health, and sensory science, core elements of a growing international demand for terroir-related high-value foods.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

ITALIAN FOOD AND WINE

LEVEL Master

SCHOOL Agricultural Sciences and Veterinary Medicine

DEPARTMENT Agronomy, Food, Natural Resources, Animals and Environment

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Agripolis Campus, Legnaro (Padua), Italy

PROGRAMME COORDINATOR

Matteo Marangon

WEB

www.unipd.it/en/italian-food-and-wine

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /
2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Economics and/or Food Technology and/or Agricultural Sciences; investigation techniques as well as the ability to apply research findings to real problems
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Animal/Plant Biodiversity and Food; Food and Wine History/Insights from abroad; Nutrition; Food Safety, Hygiene and Traceability for Food Quality; Food Microbiology and Quality; Value Adding Quality Schemes and Consumer Demand; Quality, Processing and Sensorial Analysis of Italian Food; Anthropology and Society; Communication skills

2nd Year: Consumer Behaviour; Food and Wine-Based Territorial Valorisation and Rural Development; Quality, Processing and Sensorial Analysis of Italian Wine; Quality-Oriented Food and Wine Management and Governance; Master project (6-month); Research methods for Food and Wine studies

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work in public organisations and private companies involved in the production, protection, valorisation, marketing, consulting, training and communication activities for high-quality agro-food products.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF HUMAN AND SOCIAL SCIENCES AND CULTURAL HERITAGE

ITALIAN MEDIEVAL AND RENAISSANCE STUDIES

The Bachelor's degree offers an in-depth encounter with Italian language, tradition, and cultural heritage. Focusing on the centuries when Italy led Western art and literature, i.e. the late Middle Ages and Renaissance, it adopts a cross-disciplinary approach combining the study of texts, images, music, and performative arts. Strong theoretical courses are combined with interactive workshops in libraries, museums, and cultural institutions, for an on-site exploration of Italian culture.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

ITALIAN MEDIEVAL AND RENAISSANCE STUDIES

LEVEL Bachelor

SCHOOL Human and Social Sciences and Cultural Heritage

DEPARTMENT Linguistic and Literary Studies

DURATION 3 years (180 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Alessandro Metlica

WEB

www.unipd.it/en/italian-medieval-renaissance-studies

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Secondary school diploma
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Contemporary Italian Language, Italian Language and Literature in the Middle Ages, Making Art in Medieval Italy, Universities and the Spread of Secular Learning, Illuminated Manuscripts and Scriptoria

2nd Year: Italian Language through History and across the World, Latin for Beginners, Art and Literature in Renaissance Italy, Pageants and Theater at the Early Modern Court, Renaissance Music and Polyphonic Practice

3rd Year: Academic Writing in Italian, The Survival of the Classical Heritage in Renaissance Italy, Medieval and Early Modern Libraries, Disseminating and Communicating Italian Culture.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work in the field of dissemination of the Italian language, tradition, and cultural heritage. They may teach Italian as a foreign language, hold positions at Italian cultural institutes in Italy and abroad, work in museums, libraries, and tourism organisations related to Italian culture.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF HUMAN AND SOCIAL SCIENCES AND CULTURAL HERITAGE

LOCAL DEVELOPMENT

The Master's degree provides a thorough understanding of the specific social, organisational, economic, territorial and institutional forms and dynamics that characterise local development processes in different contexts and at different levels of development. It offers an in-depth knowledge of the different methodologies used for the formulation, implementation, monitoring and evaluation of programmes for local development and promotes the implementation of sustainability process. Its intrinsic multicultural and multilingual dimension is reinforced by international partnerships and mobility agreements.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

LOCAL DEVELOPMENT

LEVEL Master

SCHOOL Human and Social Sciences and Cultural Heritage

DEPARTMENT Historical and Geographic Sciences and the Ancient World

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Anna Giraldo

WEB

www.unipd.it/en/local-development

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Political Science, International Relations and Diplomacy, International Economics, Management, Cooperation and Development, Intercultural Communication, Media and Cultural Studies, International Law, Political Philosophy, Geography, Social Psychology, Sociology
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

The programme is multidisciplinary and the curricular contents cover integrated knowledge in economic, sociological, statistical, historical-geographical, socio-pedagogical and anthropological areas.

During the second year, on-site traineeship will enable the students to carry out research that could be the starting point for the Master's degree final exam.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as professionals in local development and development cooperation within different social and territorial contexts, in governmental and non-governmental organisations at the local, national and international level, trade and citizenship associations, enterprises.



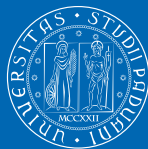
INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

MANAGEMENT ENGINEERING

The Master's degree trains high-level professionals specialised in analysing, designing and managing highly complex economic, production and service systems. It provides graduates with the capabilities of understanding and managing the interconnections of technical/production, human/organisation and economic/financial nature that underpin business processes. Graduates will also acquire a set of advanced skills and competences that will make them capable of successfully implementing change and innovation projects and fully exploiting the opportunities offered by the emerging digital technologies.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

MANAGEMENT ENGINEERING

LEVEL Master

SCHOOL Engineering

DEPARTMENT Management and Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Vicenza, Italy

PROGRAMME COORDINATOR

Enrico Scarso

WEB

www.unipd.it/en/management-engineering

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) in Management Engineering, Industrial Engineering, or related subjects
- English language at B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Smart operations and supply chain management; Digital manufacturing; Material flow systems and logistic networks; Digital customization; Organizational change and performance measurement; Strategy and digital transformation; Precision and quality for manufacturing innovation

2nd Year: Sustainability and digitalization of metallurgical processes; Energy management and digitalization; Machine learning, clustering and data mining; Digital twins for automation and collaborative robots; Technology and innovation management; New product development management; Digital marketing

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates can work in private companies or public bodies, as experts in design, production and logistics, new product and service development, innovative project management, energy management, marketing and communication, sales and commercial activities, management accounting and control, business performance measurement, company information systems, and strategic analysis.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE

MARINE BIOLOGY

The Master's degree provides the skills needed for the understanding of key processes and patterns in marine and coastal ecosystems, for the conservation and sustainable use of marine resources, and for the development of methods and technologies for farming aquatic species. Theoretical lessons, field work and practical training provide students with a comprehensive, up-to-date view of marine biology. Emphasis is placed on evolutionary processes, reproductive strategies, morphology and functional plasticity, climate changes and other anthropogenic impact on the environment, experimental design and data analysis.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

MARINE BIOLOGY

LEVEL Master

SCHOOL Science

DEPARTMENT Biology

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Chioggia-Venice, Italy

PROGRAMME COORDINATOR

Lorenzo Zane

WEB

www.unipd.it/en/marine-biology

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor' degree or equivalent, with proven skills in Mathematics, Physics, Computer Science, Biology
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Experimental design and statistical analysis;

Marine biodiversity; Marine ecology: patterns and processes; Molecular methods for management and aquaculture; Ecology and physiology of global changes; Life cycles and adaptations of marine organisms; Marine conservation: principles and applications; Pharmacology, Toxicology and welfare in aquaculture; Practical marine ecology; Seafood sustainability, production and control.

2nd Year: Biodiversity and behaviour; Marine ecotoxicology; Farming and feeding of aquatic species; Fish reproduction in aquaculture; Marine microbiology; Pathology of aquatic organisms.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates can fill leadership roles in public and private institutions devoted to the protection and sustainable development of coastal and marine environment, in marine ecotoxicology and seafood quality control laboratories, and in aquaculture facilities. They can also be employed in research institutions or in the field of education and outreach.



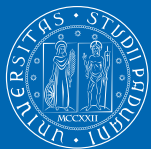
INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF MEDICINE

MEDICAL BIOTECHNOLOGIES

The Master's Degree provides deep biomedical knowledge concerning the connections between the structure and function of biomolecules and biosystems operating at cell or tissue level, and of the organism in physiological and pathological conditions. Practical training in laboratory represents a relevant part of the programme.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

MEDICAL BIOTECHNOLOGIES

LEVEL Master

SCHOOL Medicine

DEPARTMENT Molecular Medicine

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

AVAILABLE PLACES Non-European candidates residing outside Italy: 7 (1 Marco Polo Project)
Others: 32

PROGRAMME COORDINATOR

Arianna Loregian

WEB

www.unipd.it/en/medical-biotechnologies

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

7 January - 7 March (Non-EU)

2nd Call:

June - September (EU ONLY)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent with certified skills in Mathematics, Statistics, Chemistry, Biochemistry, Physics, Biology, Microbiology, Pathology, Immunology, Genetics, Molecular Biology
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Advanced Biomedical Technologies; Laboratory Activities; Laboratory Medicine Technologies and Molecular Diagnostics; Pharmaceutical Biotechnology: design and analysis of biopharmaceuticals; Proteomics and Bioinformatics; Cell and Organ Physiology and Medical Pathophysiology; Genetics; Immunology and General Pathology; Nanobiotechnology

2nd Year: Experimental Models in vivo and in vitro; Pharmacology and Molecular Therapies; Stem Cell Biology and Molecular Biology of Development

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as heads of research laboratories and project coordinators related to biotechnologies applied to human beings, with emphasis on pharmaceutical products and vaccines, taking into account ethical, technical, and legal implications. They are able to assist doctors in the diagnosis and in the therapeutic phases implying the manipulation of cells, genes and other bio-systems.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF MEDICINE

MEDICINE AND SURGERY

The Master's degree has an experimental profile: it focuses on tools and teaching contents of basic disciplines and is characterised by a strong scientific value. Moreover, it provides an early interaction with the clinic, through lessons and joint activities, in order to quickly achieve basic concepts in the context of the health-disease binomial. The programme pays also particular attention to the communicative-behavioural and bioethical fields, as well as the principles of health management and global health.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

MEDICINE AND SURGERY

LEVEL Master

SCHOOL Medicine

DEPARTMENT Medicine

DURATION 6 years 360 ECTS

START DATE October

LOCATION Padua, Italy

AVAILABLE PLACES Non-European candidates residing outside Italy: 20
Others: 54

PROGRAMME COORDINATOR

Patrizia Pontisso

WEB

www.unipd.it/en/medicine-surgery

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

Call June - July

Application-fee:

€ 30 (non-refundable)

WWW.UNIVERSITALY.IT

ENTRY REQUIREMENTS

- Secondary school diploma or equivalent
- International Medical Admissions Test (IMAT)

PROGRAMME STRUCTURE

1st, 2nd Year: Pre-clinical subjects: The Approach to Patients; Cell Function, Cell Physiology and Architecture; Biological Molecules; Infection and Immunity; The Human Body; The Nervous System; Biomedical Technologies; Diagnostic Testing; Emergency Room; Mechanisms of Disease; Therapeutic Molecules; Infectious Diseases

3rd, 4th, 5th, 6th Year: Clinical subjects: Clinical Neurosciences; Pathology; Blood Diseases and Therapy; Heart and Lung Disease; Reconstructive Robotic Surgery; Sutures and Surgical Techniques; General Surgery; Organ Transplantation; Public Health; Clinical Medicine; Clinical Oncology

5th, 6th Year: Professional Internship

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as medical doctors in the field of general medicine, in hospitals and in specialised public and private centres, as well as in health management activities or research in university centres, public and private research institutes.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF HUMAN AND SOCIAL SCIENCES AND CULTURAL HERITAGE

MOBILITY STUDIES

The Master's degree aims at providing students with a selection of specific tools in historical, geographical, anthropological and philological studies, in order to challenge the traditional understanding of human actions, in time and space. Students will be immersed in an engaging process through which people, texts, images, artifacts, commodities, ideas are moved, translated, transformed, adapted and negotiated by different social actors, sometime in distant spatial contexts, in the past and in the present. The global and local scenarios call for new experts, trained in historical and cultural studies, but ready for political and social action today.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

MOBILITY STUDIES

LEVEL Master

SCHOOL Human and Social Sciences and Cultural Heritage

DEPARTMENT Historical and Geographic Sciences and the Ancient World

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Andrea Caracausi

WEB

www.unipd.it/en/mobility-studies

ADMISSIONS AND WELCOME

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent in Historical and Geographical studies or related subject, such as Philology, Literature, Foreign Languages, Sociology, Anthropology, Global Studies, Social and Political sciences
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Migrations in World History, Transport History
Ideas and Cultures in Motion, Communication and Media in History, Commodity Chains in World History, History of Tourism, Demography of Migration, Space, Place and Mobility, Cultural Encounters
Museum Collections Heritage, Digital Tools for Mobility Research, Big Data and Social Network Analysis
English as a Global Language, Texts on the move
Digital Philology, European and global citizenships, Gender eu politics and globalization, Economic globalization and human rights

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as professionals in State & Local Government Agencies; International organisations; NGOs; Think tanks; Cultural tourism; Heritage Digital Industries; Media & Communications; Academic researchers; Teachers at High School Level; Galleries, Museums, Archives, Libraries.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE

MOLECULAR BIOLOGY

The Master's degree provides solid theoretical knowledge and practical expertise in bench-work procedures, instrumental operations and analytical methodologies involved in data acquisition and analysis. The programme imparts a thorough command of the scientific investigation process, providing graduates with the competence to work independently and to take on the organisation and responsibility of projects.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

MOLECULAR BIOLOGY

LEVEL Master

SCHOOL Science

DEPARTMENT Biology

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Francesco Argenton

WEB

www.unipd.it/en/molecular-biology

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor' degree or equivalent, with proven skills in Mathematics, Physics, Computer Science, Biology
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Common Path: Cellular Biology; Applied Statistics; Molecular and Cell Biology of Plants; Molecular Biology of development; Genomics; Structural Biochemistry and Biophysics

Path 1 - Molecular Biology: Biochemistry; Molecular Genetics; Structural Biochemistry and Biophysics; Genomics; Neurobiology

Path 2 - Bioinformatics: Fundamentals of Informatic systems, System Biology, Integrative Biology and Network Analysis, Microbial Metagenomics, Computational Anthropology

Free choice: Biochemistry of diseases, Genetics and Molecular Biology of Cancer.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as researchers within public or private organisations in the pharmaceutical, agro-industrial and biotechnological sectors; and as project managers or counselors within the public administration, in the human health or public hygiene divisions.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF MEDICINE

PHARMACEUTICAL BIOTECHNOLOGIES

The Master's degree provides students with a comprehensive scientific knowledge inspired by excellent pharmaceutical research and health biotechnologies. The programme explores traditional and forefront disciplines with a specific attention to the design, production and characterisation of innovative drugs, such as biologics and drugs employed in targeted therapies.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

PHARMACEUTICAL BIOTECHNOLOGIES

LEVEL Master

SCHOOL Medicine

DEPARTMENT Pharmaceutical and Pharmacological Sciences

DURATION 2 years 120 ECTS

START DATE October

LOCATION Padua, Italy

AVAILABLE PLACES Non-European candidates residing outside Italy: 13 (1 Marco Polo Project; 2 from Chinese University of Nanjing)
Others: 40

PROGRAMME COORDINATOR

Patrizia Polverino De Laureto

WEB

www.unipd.it/en/pharmaceutical-biotechnologies

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

7 January - 7 March (Non-EU)

2nd Call:

June - September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent in Biotechnologies or related subjects; or proven skills in Biochemistry, Molecular Biology, Pharmacology, Human Anatomy, Histology, Genetics, General, Organic and Inorganic Chemistry, Industrial and Pharmaceutical Chemistry, Applied Pharmaceutical Technology
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Advanced Reactivity and Modelling; Advanced Molecular Biology; Molecular and Experimental Pharmacology; Structural Biochemistry; Bioinformatics and Computational Biology; Drug Discovery and Development; Protein Engineering; Proteomics and Biochemical Methodologies; Start-up Ideas in Pharmaceutical Biotechnologies

2nd Year: Biologics and Biopharmaceuticals; Delivery and Formulation of Biotechnological Drugs; Diagnostic Microbiology and Molecular Immunology; Internship

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work mainly as expert technicians and researchers in Academia and in medical, pharmaceutical, biopharmaceutical, diagnostic, cosmetic and nutraceutical industries.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE

PHYSICS

The Master's degree deepens the understanding of basic elements of modern Physics and of Theoretical Physics, allowing students to strengthen their knowledge of specific fields like Biophysics, Nanoscience, Condensed Matter Physics, Nuclear and Particle Physics, Physics of Fundamental Interactions. The programme provides direct experience of laboratory and computer calculation techniques and data analysis.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

PHYSICS

LEVEL Master

SCHOOL Science

DEPARTMENT Physics and
Astronomy

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Cinzia Sada

WEB

www.unipd.it/en/physics

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Physics and Mathematics
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

Path 1 - Physics of the fundamental interactions: Physics laboratory; Theoretical physics of the fundamental interactions; Nuclear physics; Subnuclear physics; Standard model

Path 2 - Physics of Matter: Physics laboratory; Models of theoretical physics; Solid state physics; Statistical Mechanics

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work as professionals in industries involving new technologies, in innovative service companies and in all activities requiring understanding and modelling of processes and ability in analysis and testing. These include startups and high tech industries, software and consulting companies, research centres and public administration.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE

PHYSICS OF DATA

The Master's degree provides new theoretical and computational tools to tackle the explosion of datasets within the physicist mindset. It combines advanced knowledge in the field of Physics with a high-level training in Data Science. The programme thus trains the new generation of data physicists, equipped with tools that will allow them to face the challenges that the digital revolution has brought in our society.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

PHYSICS OF DATA

LEVEL Master

SCHOOL Science

DEPARTMENT Physics and
Astronomy

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Marco Zanetti

WEB

www.unipd.it/en/physics-data

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Physics and Mathematics
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Laboratory of Computational Physics; Management and Analysis of Physics Datasets; Theoretical Physics; Machine Learning; Statistical Mechanics of Complex Systems; Advanced Statistics for Physics Analysis; Optional courses on advanced topics in modern Physics

2nd Year: Quantum Computing; optional courses on advanced topics in modern Physics and Engineering; Internship in a research centre or in a private company

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates master tools for collecting, managing and analysing big data, and for translating their work into highly valuable information. Graduates work as professionals in research centres, internet companies, consulting companies, startups and high tech industries and public administrations.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF PSYCHOLOGY

PSYCHOLOGICAL SCIENCE

The Bachelor's degree discloses one of the most intriguing contemporary domains, combining theoretical study and experimental clinical activities. Enhanced by seminars and workshops, it provides strong foundations in psychology subjects, such as brain and behaviour, Developmental Psychology, Social Psychology and Communication, Clinical Psychology and foundations of Health Psychology.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

PSYCHOLOGICAL SCIENCE

LEVEL Bachelor

SCHOOL Psychology

DEPARTMENT General Psychology

DURATION 3 years (180 ECTS)

START DATE October

LOCATION Padua, Italy

AVAILABLE PLACES Non-European candidates residing outside Italy: 35 (4 Marco Polo Project)
Others: 55

PROGRAMME COORDINATOR

Giulia Buodo

WEB

www.unipd.it/en/psychological-science

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

7 January - 7 March

2nd Call:

June-September (if any places available)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Secondary school diploma
- Priority will be given to candidates with a SAT Test (Scholastic Attitude Test only; the optional Essay is not required)
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Basic Concepts of Psychology; Brain and Behaviour; Developmental Psychology; Social Psychology and Communication; Principles of Psychodynamic Psychology, Philosophy of Science, Basic research methods in Psychology

2nd Year: Introduction to statistical methods in Psychology; Psychology of Individual differences, Work and Organisational Psychology; Clinical Psychology

3rd Year: Mathematical tools for Psychologists, Introduction to Health Psychology

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work in public or private bodies, in the field of education, and in enterprises and organisations of the third sector. Under the supervision of a professional psychologist, graduates can work in services caring for the individual, groups, organisations and communities in promoting health.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF AGRICULTURAL SCIENCES AND VETERINARY MEDICINE

SUSTAINABLE AGRICULTURE

The Master's degree provides advanced knowledge in the field of agricultural systems as well as skills to develop and manage sustainable production systems located in warm-temperate environments at a global level. The programme explores sustainability of production in all its implications, including both innovative technologies and socio-economic aspects.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

SUSTAINABLE AGRICULTURE

LEVEL Master

SCHOOL Agricultural Sciences and Veterinary Medicine

DEPARTMENT Agronomy, Food, Natural Resources, Animals and Environment

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Agripolis Campus, Legnaro (Padua), Italy

PROGRAMME COORDINATOR

Francesco Morari

WEB

www.unipd.it/en/sustainable-agriculture

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /
2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree or equivalent, with proven skills in Agricultural and Environmental Sciences; in investigating research techniques as well as the ability to apply research findings to real problems
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Agrifood Economics and Policy; Sustainable Agriculture; Agricultural Management of Biogeochemical Cycles; Integrated Management of Arthropod Pests; Plant Breeding; Precision Farming; Soil Microbiology; Advanced Statistics

2nd Year: Sustainable Disease Management; Crop Physiology; Sustainable Livestock Systems; Sustainable Use of Pesticides; Sustainable Viticulture And Woody Crop Production; Water Resources Management

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work in management and consulting activities in agro-livestock systems; international marketing of agricultural products, livestock and industries; development of innovative technologies within companies operating in the agriculture and livestock area; control and monitoring of productive, environmental and economic performances of agricultural farms; research and development of innovative technologies within private and public research institutions.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF SCIENCE

SUSTAINABLE CHEMISTRY AND TECHNOLOGIES FOR CIRCULAR ECONOMY

The Master's degree provides an extensive and highly interdisciplinary training programme for professionals to be employed in companies or public bodies applying a circular economy model to production and services. Students will be trained on the whole value chain underlying a circular economy model, though a strong focus will be given chiefly to techno-scientific skills and competences.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

SUSTAINABLE CHEMISTRY AND TECHNOLOGIES FOR CIRCULAR ECONOMY

LEVEL Master

SCHOOL Science

DEPARTMENT Chemical Sciences

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Padua, Italy

PROGRAMME COORDINATOR

Silvia Gross

WEB

www.unipd.it/en/circular-economy

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) in Chemistry, Industrial Chemistry or related fields (e.g. Chemical Engineering, Materials Science/Engineering), with proven skills in Physics, Mathematics, Earth Sciences, Thermodynamics; Biochemistry
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year (common path): Green Chemistry, Thermodynamics and catalysis for circular economy, Operations & Supply Chain Management, Renewable energy technologies, Environmental European Law, Water resources management in the circular economy, Economics for the Circular Economy, Circular and sustainable waste management

2nd year: Path 1 - Resources and product design and recycling; Path 2 - Energy conversion and storage

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students

available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work in product design and development and as R&D managers; Responsible for raw materials supply and logistics managers; Sustainability and Corporate Social Responsibility (CSR) manager; Responsible for sustainability reporting managers; Circular Economy Managers: communicate with all branches of the company and merge together all parts of the value chain (resource purchase and supply, product design and production, recycling, waste management, logistics); Consultants (as professionals or within a company).



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF PSYCHOLOGY

TECHNIQUES AND METHODS IN PSYCHOLOGICAL SCIENCE

This online Bachelor's degree discloses the intriguing secrets of human mind by allowing a worldwide access to a top-notch learning experience. Basic concepts of the most important psychological domains will be provided. Topics include Clinical Psychology, Psychometrics, General and Biological aspects of psychology often emphasizing social and intercultural perspectives. Specific activities will facilitate the interaction between the learners and the instructors/tutors. For international students, short, intensive in-person sessions will be planned every year.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

TECHNIQUES AND METHODS IN PSYCHOLOGICAL SCIENCE

LEVEL Bachelor

SCHOOL Psychology

DEPARTMENT General Psychology

DURATION 3 years (180 ECTS)

START DATE October

LOCATION Online

AVAILABLE PLACES Non-European candidates residing outside Italy: 35 (4 Marco Polo Project)
Others: 55

PROGRAMME COORDINATOR

Giulio Vidotto

WEB

www.unipd.it/en/techniques-methods-psychological-science

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

7 January - 7 March

2nd Call:

June-September (if any places available)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT



ENTRY REQUIREMENTS

- Secondary school diploma
- Priority will be given to candidates with a SAT Test (Scholastic Attitude Test only; the optional Essay is not required)
- English language: B1 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: General Psychology, Developmental Psychology across Cultures, Basic Concepts in Neurophysiology, Precalculus, Social Psychology, Brain & Behavior, Statistical Methods for Psychology.

2nd Year: Work and Organizational Psychology, Clinical Psychodynamic Models, Clinical and Emergency Psychology, Psychology of Health and Stress, Assessment and Rehabilitation of Brain Processes, Psychometric Methods, Psychology of Learning: From Individuals to Cultures.

3rd Year: General and Intercultural Education, Socioeconomic Inequalities, Marginalization and Well-Being, Human Rights: Global & Local Protection.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Graduates work in public or private institutions related to psychological well-being; for research, consultancy, training and organizational development activities; Institutions for lifelong education; Organizations that deal with the management of migration flows, inclusiveness and human rights also in emergency contexts.



INSPIRING GLOBAL CHANGE SINCE 1222

SCHOOL OF ENGINEERING

WATER AND GEOLOGICAL RISK ENGINEERING

Floods, storms, and landslides affect billions of people globally and, in a changing climate, water-induced hazards will continue to be a critical challenge for our society. This Master's degree programme aims to form the new global leaders in hydrological, geological, and climate science and technology. Faculty from three Departments, ranking 23rd in the world in Water Resources Research, provide an interdisciplinary background and a strong theoretical and practical preparation.

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UNIVERSITÀ
DEGLI STUDI
DI PADOVA

WATER AND GEOLOGICAL RISK ENGINEERING

LEVEL Master

SCHOOL Engineering

DEPARTMENT Civil, Environmental and Architectural Engineering

DURATION 2 years (120 ECTS)

START DATE October

LOCATION Rovigo, Italy

PROGRAMME COORDINATOR

Marco Marani

WEB

www.unipd.it/en/water-geological-risk-engineering

GLOBAL ENGAGEMENT OFFICE

international.admission@unipd.it

APPLICATION

1st Call:

2 November - 2 February

2nd Call:

2 March - 2 June (Non-EU) /

2 September (EU)

Application-fee:

€ 30 (non-refundable)

APPLY.UNIPD.IT

ENTRY REQUIREMENTS

- Bachelor's degree (or higher) in Civil or Environmental Engineering or related fields, with proven skills in Hydraulics and Solid Mechanics.
- English language: B2 level (CEFR) or equivalent

PROGRAMME STRUCTURE

1st Year: Geological and Geotechnical Engineering, River Hydraulics from the Hillslopes to the Estuary, Hydrology and Climate: Modelling and Change, Fluvial-Coastal Dynamics and Hazard, Remote Sensing for Water Resources, Engineering Geomorphology, River Basin modelling: Forecasting and Prediction, Elective Course.

2nd Year: Water and Geological Risk Mitigation, Drainage and Irrigation under a Changing Climate, Vulnerability Analysis and Risk Management for Water-related Hazards, Water Scarcity, Agroecosystems and Pollutants, Elective Course.

TUITION FEES AND SCHOLARSHIPS

Annual fees: up to € 2,600 (3 instalments)

Scholarships and fee-waivers for international students available: www.unipd.it/en/funding-and-fees

CAREER OPPORTUNITIES

Public and private companies operating in the evaluation, management, and reduction of risk from water-related and geological events: governmental and non-governmental environmental protection and management organisations, regional to local water authorities, reclamation/irrigation authorities, water resources engineering companies, insurance companies, risk modelling/assessment companies, UN, FAO, World Bank, research institutions and academia.

