Natural Sciences
Health Sciences
Humanities
Social Sciences
Engineering
Applied Sciences
Dear International Students and Researchers,

The University of Pisa, one of the oldest in the world, has been extraordinarily successful in updating and maintaining its infrastructure and human resources to meet the new challenges of international research and education.

We boast an excellent international reputation in all areas: Natural Sciences, Mathematics, Humanities, Social Sciences, Medicine, Engineering, Agricultural Sciences, Applied Sciences, and many more. We lead important international research and direct vital education networks whose results we constantly incorporate into our programmes. The University of Pisa is committed to promoting quality in all areas of research and teaching, and to making all our programmes available to an increasing number of international students and researchers.

The city of Pisa, of which our University has always been a fundamental institution, offers students and researchers an ideal environment for living, studying and working. Pisa has a pleasant climate, excellent food and world-famous cultural and leisure attractions. Both the sea and the mountains are nearby, as well as ever-celebrated cities, such as Florence, Siena, and Bologna, museums, monuments and the beautiful countryside for which Tuscany is rightly renowned. With its large and intellectually stimulating scholarly community, Pisa is an attractive environment for researchers in any field.

We hope to see you soon!

Warmest regards,

The International Office
University of Pisa
The University of Pisa was officially established in 1343, when it was proclaimed a ‘Studium Generale’ with the authority to prepare university teachers, although its origins date back to earlier centuries. Amongst its glories is Galileo Galilei, who was born and studied in Pisa, and became professor of Mathematics in 1589. The University also counts several Nobel Prize winners among its alumni, including Giosuè Carducci (Literature), Enrico Fermi (Physics), Carlo Rubbia (Physics), and a Fields medalist, Enrico Bombieri (Mathematics).

Today the University of Pisa is a prestigious modern centre of teaching and advanced research. It offers 58 Bachelor’s (first cycle), 65 Master’s (second cycle) and 9 long single cycle degree programmes in all the main areas of knowledge and advanced professional education. The University has 21 doctoral degree programmes; it also offers 51 specialisation programmes and 65 one-year specialisation programmes of further education, including an MBA. Research and teaching are combined in all fields and levels.

Overall, the University of Pisa (a.y. 2016/2017) has about 53,000 first and second cycle students, about 651 doctoral students and over 1,500 students enrolled in its more than 50 residency programmes in the medical and health areas, or in specialisation courses in other disciplines. The research and teaching staff is comprised of 1,295 permanent employees and 890 temporary employees; the technical and administrative staff has 1,537 members.

According to the most recent Shanghai Ranking ARWU 2017, the University of Pisa ranks amongst the highest positions in Italy and is one of the top 300 universities in the world. Its department of Mathematics is amongst the top 100 worldwide; more generally, the University of Pisa ranks between 101 and 150 for the Sciences. The 2017 QS ranking of world universities ranks the University of Pisa in the world’s top 200. Almost all departments of the University of Pisa are located in the core of the city, either in prestigious buildings of the old city, or in an ever-growing number of modern structures, some of which are located in the centre and some in the outskirts. Most facilities are within 20 minutes walking distance from the centre of the city.

In the other areas, Computer Science ranks amongst the top 101-150, Medicine and Electrical and Electronic Engineering rank amongst the top 151-200, Modern Languages, Philosophy, Pharmacy and Pharmacology and Statistics rank amongst the top 251-300.

Admission to the University of Pisa

International students are warmly welcomed at the University of Pisa. Admission to all first and second cycle (Bachelor’s and Master’s) degree programmes is generally guaranteed to all those who hold the necessary qualifications (a High School diploma for the former, an appropriate undergraduate qualification for the latter). Only certain long single cycle programmes, in such fields as Medicine, Dentistry and Veterinary Medicine, and some of the first and second cycle degree programmes, have a limited number of places. To access these programmes one must sit an admission exam in early September (see http://matricolandosi.unipi.it).

Admission of non-EU students to degree programmes taught in Italian is conditional on their passing a language test or presenting a CILS certificate of Italian language proficiency (level B2). Admission to degree programmes taught in English is conditional on presenting a certificate of English language proficiency (level B2).

Admission to PhD programmes funded by the University of Pisa is limited and involves a competitive application process. Our university also welcomes PhD students who are externally funded.

Tuition fees: the full rate is approximately € 2,340.00 per year. In order to guarantee proper opportunities to all students, tuition fees may be reduced or waived according to income and country of origin (see www.unipi.it/tuition-fees). In some cases, scholarships granted by the DSU (the Regional “Right to Study” Programme) cover the entire amount. Other scholarships are granted by the governments of other countries in agreement with the Italian government.

For further information see: www.unipi.it/index.php/english www.unipi.it/welcome-and-support Or contact: international@unipi.it

For students with special needs: www.unipi.it/special-needs

Erasmus Code: I-PISA01
STUDENT SERVICES

Intensive Italian language courses for international students are offered in September and October each year by the CLI (Centro Linguistico Interdipartimentale/Interdepartmental Language Centre). The CLI also offers regular Italian courses during the year for different proficiency levels. For further information and to register: www.cli.unipi.it.

Most student services are provided by the Tuscan Region’s DSU. The DSU offers a large number of scholarships and accommodation in university dormitories. Priority is given to low-income students. The DSU also offers all students an excellent food service at very favourable prices in the three university dining halls located downtown, as well as other information and guidance services. For further information see www.dsu.toscana.it or write to info@dsu.toscana.it.

A wide range of sports facilities and services are provided by the Centro Universitario Sportivo (CUS), a member of CONI (the Italian Olympic Committee). The CUS takes part in national and international university championships in every sport. For further information see: www.unipi.it/sports-and-leisure

CUS Pisa
via Napoli, 49
56123 Pisa (PI)
Homepage: www.cuspisa.it
Info: segreteria@cuspisa.it

ABOUT PISA

Pisa is world famous for its Leaning Tower and Cathedral (listed as a UNESCO World Heritage site) and its many other medieval and Renaissance monuments. It is located in Tuscany, in the central part of the Italian peninsula, on a plain near the coast of the Mediterranean Sea close to the mouth of the river Arno. Its multicultural population totals about 100,000 people, in addition to the many thousands of students who enliven the city. The university buildings are located in the city itself, some in monumentalist historical buildings and others in modern structures. Together, the university and the city form a single complex, a “campus in a city”, just as they have for many centuries.

In addition to the University, the city hosts two prestigious higher education institutes: the Scuola Normale Superiore and the Scuola Superiore Sant’Anna di Studi Universitari e di Perfezionamento. Both are centres for advanced studies and research in various disciplines. On the basis of a yearly national competition, they admit the best high school graduates to study at the University, and participate in special seminars and activities at the Institutes.

Pisa is also an ideal place for students to live and meet in the city centre’s streets and piazzas, with their bars and pubs. Both the beaches and the mountains are close and easily accessible, as are other famous Tuscan cities, such as Lucca, Florence, Volterra and Siena.

The climate in Pisa is generally mild. The city enjoys cool summers and mild winters. There is some rain in autumn and winter although it rarely snows; the summers are dry and make for pleasant excursions to the sea.

Rates of criminality are very low. Overall Pisa is a very friendly and safe city, well attuned to students’ and researchers’ needs.

Rental rates: most students find lodgings in shared private flats in the city centre. Rates vary from about 250.00€ per month for a place in a double room to € 350.00 or more per month for a single room.
How to Reach Pisa

By Plane: Pisa’s international airport “Galileo Galilei” offers a large and ever-growing number of flight connections with Europe, America and Asia. It is the preferred hub in Tuscany for Low-Cost companies as well as for major airlines. The airport is very close to the city centre, and can be reached very quickly by bus, train, car or bicycle. For further information see http://www.pisa-airport.com.

By Train: Pisa’s main train station offers frequent connections with Florence, Lucca, Viareggio and other Tuscan destinations as well as with major Italian and European cities. The trip by rail to Rome takes 3 hours. For further information see www.trenitalia.com.

By Bus: There are regional bus services with connections to Florence, Lucca, Piura, Pistoia, Massa Carrara, Volterra, Livorno, Viareggio and other destinations. For further information see: www.pisa.cttnord.it.

By Car: Pisa is served by two large motorways (“Autostrade”): A12 (Genoa - Rosignano), and A11 Pisa-Florence. There are state highways such as SS67 to Florence and SS1 (the Roman “via Aurelia”) which connects Pisa to Rome in the south and La Spezia to the north, and a “super road” from Livorno-Pisa-Florence.

Transportation in the City: The urban bus service is operated by the CPT (Pisa Transport Consortium, www.pisa.cttnord.it). By far the most popular means of transportation amongst students, given the convenient size of the city, is by foot or by bicycle (see: www.ciclopi.eu).
DEGREE PROGRAMMES OFFERED

FIRST CYCLE (BACHELOR’S) DEGREE PROGRAMMES (3 years, 180 ECTS credits)

- Mathematics
- Physics (some courses in English)
- Computer Science
- Digital Humanities (together with Humanities)
- Chemistry
- Industry for Environment
- Biological Sciences
- Biotechnology
- Natural and Environmental Sciences
- Geosciences

SECOND CYCLE (MASTER’S) DEGREE PROGRAMMES (2 years, 120 ECTS credits)

- Mathematics (some courses in English)
- Physics (some courses in English - together with the Université Pierre et Marie Curie - UPMC)
- Applied and Exploration Geophysics
- Computer Science (in English - possibility of a Double degree with the Universidad de Málaga or the Université de Paris Ouest Nanterre La Défense)
- Data Science and Business Informatics (mostly in English – together with the Department of Economics, possibility of a Double degree with the Université Paris Dauphine)
- Computer Science and Networking (in English - together with Engineering and the Scuola Superiore Sant’Anna, possibility of a Double degree)
- Chemistry
- Industrial Chemistry
- Marine Biology (Double degree with Zejiang Ocean University)
- Biology Applied to Biomedical Sciences
- Molecular and Cellular Biology
- Molecular Biotechnology (joint degree with the Scuola Superiore Sant’Anna)
- Conservation and Evolution (some courses in English)
- Geosciences and Geotechnologies
- Environmental Science
- Neuroscience
- Materials and Nanotechnology
- Digital Humanities

FINAL CYCLES

The departments of Mathematics of the University of Pisa and the University of Lomé share a 18 ECTS programme.

THIRD CYCLE (DOCTORAL) DEGREE PROGRAMMES (3 years)

- Biology
- Biochemistry and Molecular Biology (together with the University of Florence and the University of Siena)
- Chemistry and Materials Science
- Earth Sciences (together with the University of Florence and the University of Siena)
- Life Sciences (together with the University of Florence and the University of Siena)
- Mathematics (some courses in English)
- Physics (some courses in English)

ONE-YEAR SPECIALISATION PROGRAMMES

5 one-year Specialisation Programmes (60 ECTS credits)

- Working With the Business World
  Cooperation with major firms like Yahoo and Google results in funding fellowships for our PhD students. A large number of firms, Small Medium Enterprises (SME), local and regional authorities, hospitals and health institutions, non-academic research centres have cooperation contracts to offer training opportunities to our undergraduate students.

RESOURCES AND SERVICES FOR STUDENTS AND RESEARCHERS

- Mathematics, Physical and Natural Sciences
  - Mathematics
  - Physics (some courses in English)
  - Computer Science
  - Digital Humanities
  - Chemistry
  - Industry for Environment
  - Biological Sciences
  - Biotechnology
  - Natural and Environmental Sciences
  - Geological Sciences

- Mathematical, Physical and Natural Sciences
  - Industrial Chemistry
  - Marine Biology (Double degree with Zejiang Ocean University)
  - Biology Applied to Biomedical Sciences
  - Molecular and Cellular Biology
  - Molecular Biotechnology (joint degree with the Scuola Superiore Sant’Anna)
  - Conservation and Evolution (some courses in English)
  - Geosciences and Geotechnologies
  - Environmental Science
  - Neuroscience
  - Materials and Nanotechnology
  - Digital Humanities

- Special Programmes
  - The departments of Mathematics of the University of Pisa and the University of Lomé share a 18 ECTS programme.

- Third Cycle (Doctoral) Degree Programmes
  - Biology
  - Biochemistry and Molecular Biology (together with the University of Florence and the University of Siena)
  - Chemistry and Materials Science
  - Earth Sciences (together with the University of Florence and the University of Siena)
  - Life Sciences (together with the University of Florence and the University of Siena)
  - Mathematics (some courses in English)
  - Physics (some courses in English)

- One-Year Specialisation Programmes
  - 5 one-year Specialisation Programmes (60 ECTS credits)
    - Working With the Business World
      Cooperation with major firms like Yahoo and Google results in funding fellowships for our PhD students. A large number of firms, Small Medium Enterprises (SME), local and regional authorities, hospitals and health institutions, non-academic research centres have cooperation contracts to offer training opportunities to our undergraduate students.

- Resources and Services for Students and Researchers
  - Mathematics, Physical and Natural Sciences
  - Mathematical, Physical and Natural Sciences
  - Special Programmes
  - Third Cycle (Doctoral) Degree Programmes
  - One-Year Specialisation Programmes
  - Resources and Services for Students and Researchers
The University of Pisa and the Scuola Normale Superiore form a unique academic community known as ERCOM (European Research Centres on Mathematics), which is part of ERCOM (European Research Centers in Mathematics) and has established agreements for academic collaboration with several prestigious institutions.

The University of Pisa, together with the Scuola Normale Superiore and the Scuola Superiore Sant’Anna, is a leading research and educational institution in Italy.

The Department of Earth Sciences is one of the few departments in Italy that promotes research and investigations applied to environmental problems in collaboration with national and international institutions.

Earth sciences at the University of Pisa are carried out in the Earth Sciences and investigations applied to environmental problems are undertaken in collaboration with national and international institutions.

For Chemistry, academic and applied research is carried out in cooperation with leading European and international networks in many currently relevant fields: fundamentals of Physics research is done in very close collaboration with the local branch of the National Institute for Nuclear Physics (INFN) and the National Research Council (CNR). The only three Italians to win the high energy Panofsky Award work in Pisa.

Research is carried out in all of the major fields of Physics:

- Theories of the Fundamental Interactions
- Quantum Field Theory
- Theoretical Nuclear Physics
- Astronomy and Astrophysics
- Condensed Matter
- Atoms, Molecules and Photons
- Particle Physics
- Particle Physics of Atoms and Colliders
- Experimental Astrophysics and Physics of the Invisible World
- Medical and Applied Physics

Pisa has VSRO, the large gravitational wave interferometric network: scientists from all over Europe are part of this MIRI team. Researches from Pisa work in all of the most important high-energy astrophysics laboratories around the world: CERN, CMS, Fermi, and others.

For Computer Science, research is carried out in cooperation with leading European and international networks in many currently relevant fields: fundamentals of Mathematics research is done in very close collaboration with the local branch of the National Institute for Nuclear Physics (INFN) and the National Research Council (CNR). The only three Italians to win the high energy Panofsky Award work in Pisa.
DEGREE PROGRAMMES OFFERED

LONG-SINGLE CYCLE DEGREE PROGRAMMES

• Medicine (6 years, 360 ECTS credits)
• Dentistry and Dental Prosthodontics (6 years, 360 ECTS credits)
• Pharmacy (5 years, 300 ECTS credits)
• Pharmaceutical Chemistry and Technology (5 years, 300 ECTS)

FIRST CYCLE (BACHELOR’S) DEGREE PROGRAMMES
(3 years, 180 ECTS credits)

Medicine:
• Dental Hygiene
• Dietetic
• Speech and Language Therapy
• Sports and Physical Education
• Nursing
• Midwifery
• Physiotherapy
• Audiology
• Biomedical Laboratory Techniques
• Environment and Workplace Prevention Techniques
• Psychiatric Rehabilitation Techniques
• Imaging and Radiotherapy Techniques
• Childhood Neuro and Psychomotricity

Pharmacy:
• Science of herbal and health products (together with Agricultural Sciences)

SECOND CYCLE (MASTER’S) DEGREE PROGRAMMES
(2 years, 180 ECTS credits)

Medicine:
• Sciences and Techniques in Clinical and Health Psychology
• Nursing and Midwifery Sciences
• Health Professions of Rehabilitation Sciences
• Sport Science for Prevention and Rehabilitation

Pharmacy:
• Human Nutritional Sciences

THIRD CYCLE (DOCTORAL) DEGREE PROGRAMMES
(3 years)

• Clinical and Translational Sciences
• Clinical Physiopathology
• Genetics, Oncology and Clinical Medicine (together with the Universities of Florence and Siena)
• Life Sciences (together with the Universities of Florence and Siena)
• Molecular Medicine (together with the Universities of Florence and Siena)
• Neurosciences (together with the Universities of Florence and Siena)
• Science of Drug and of Bioactive Substances

RESOURCES AND SERVICES FOR STUDENTS AND RESEARCHERS

Medicine and Surgery library (29,742 books, 72 current journals and 6,879 e-journals)
Pharmacy library (9,175 books, 35 current journals and 465 e-journals)
12 department libraries
Medical School Computer Centre
C.I.S.I.F. (Interdepartmental Centre of Computer Sciences for Drug Design and Learning)
Pharmacy Computer Centre (18 workstations)
Museum of Human Anatomy “Filippo Civinini”

SPECIALISATION SCHOOLS AND ONE-YEAR SPECIALISATION PROGRAMMES

46 Residency Programmes in Medicine and Pharmacy, some of which are in cooperation with other universities
56 One-Year Specialisation programmes (60 ECTS credits)
AREAS OF EXCELLENCE IN RESEARCH

Medicine:
• Study of innovative approaches in computer-aided surgery.
• Study of innovative methodologies in organ transplantsion.
• Study of a novel integrated system to measure autonomic functions.
• Analysis of novel models and therapies in oncology and hematology.
• Basic and translational neuroscience related to novel drug treatment and surgical procedures in neuropsychiatric disorders.
• Functional imaging in developmental and adult psychology.
• Translational research on microorganisms related to novel antimicrobial agents.
• Basic and translational studies of the cardiovascular system related to novel therapeutic approaches in cardiovascular diseases.
• Innovative techniques and methodologies in psychobiology.
• Innovative methodologies for the design and development of biomimetic compounds.
• Innovative techniques and methodologies in novel drug treatment and surgical procedures in neuropsychiatric disorders.
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• Innovative techniques and methodologies in novel drug treatment and surgical procedures in neuropsychiatric disorders.
• Innovative techniques and methodologies in novel drug treatment and surgical procedures in neuropsychiatric disorders.

Pharmacy:
• Innovative methods and methodologies in novel drug development.
• Innovative methodologies for the design and development of biomimetic compounds.
• Innovative methodologies for the design and development of biomimetic compounds.
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• Innovative methodologies for the design and development of biomimetic compounds.

WEBSITE
Medicine: http://www.med.unipi.it/
Pharmacy: http://www.farm.unipi.it/

CONTACT INFO
Medicine: international@med.unipi.it
Pharmacy: international@farm.unipi.it

INTERNATIONAL NETWORKS
• Erasmus+ Study and Traineeship Programme
DEGREE PROGRAMMES OFFERED

FIRST CYCLE (BACHELOR’S) DEGREE PROGRAMMES
(3 years, 180 ECTS credits)
• Foreign Languages and Literatures
• Humanities
• Digital Humanities (together with Computer Science)
• Historical Studies
• Philosophy
• Studies in Performing Arts and Communication
• Sciences for Peace: International Cooperation and Conflict Transformation (together with other areas)
• Cultural Heritage Studies
• Tourism Sciences (Lucca Campus)
• Italian Language and Culture for Foreigners
• Telematic Bachelor’s degree in Italian Language and Culture (for residents abroad only), promoted by the ICoN Consortium of twenty Italian Universities, managed by the University of Pisa

SECOND CYCLE (MASTER’S) DEGREE PROGRAMMES
(2 years, 120 ECTS credits)
• Classical Philology and Ancient History
• Archaeology Studies
• History and Civilization (together with four European universities)
• History and Forms of the Visual and Performing Arts and New Media
• Digital Humanities (together with Computer Science)
• Italian Studies
• Linguistics and Translation
• Planning and Governance of Tourism System in Mediterranean Studies (Lucca Campus, together with other institutions)
• Euro-American Literatures and Philologies
• Studies on Ancient Egypt, Near and Middle East (together with the University of Aden)
• Philosophy and Forms of Knowledge
• Peace Studies: Development Cooperation and Conflict Transformation (together with other departments and the Università Perla Diaphne)

THIRD CYCLE (DOCTORAL) DEGREE PROGRAMMES
(3 years)
• Classical Studies and Archaeology (together with the University of Florence and the University of Siena)
• History
• History of the Arts and Entertainment (together with the University of Florence and the University of Siena)
• Italian Studies (together with the University of Florence and the University of Siena)
• Philology, Literature and Linguistics
• Philology and Criticism (together with the University of Siena)
• Philosophy (together with the University of Florence)

SPECIALISATION SCHOOLS AND ONE-YEAR SPECIALISATION PROGRAMMES

2 Specialisation Schools
• Cultural Heritage
• Archaelogical Heritage

4 One-Year Specialisation Programmes (60 ECTS credits)

RESOURCES AND SERVICES FOR STUDENTS AND RESEARCHERS

• Interdepartmental Language Centre (CLI) (courses in Italian for international students, courses in foreign languages)
• Humanities Computer Centre
• The Area cooperates with the Interdepartmental Centres for Jewish Studies and for Peace Studies
• A very large number of specialised department libraries (591,249 books, 1,456 current journals and 5,307 e-journals)

WORKING WITH THE NON-ACADEMIC WORLD
The Humanities area has particular links with local and regional authorities (for example, in the one-year specialisation programme on Political Communication), as well as publishing houses, museums and archives.
AREAS OF EXCELLENCE IN RESEARCH

The Humanities division of the University of Pisa has an exceptional tradition of research, in some cases going back many centuries. Amongst the many sectors in which it excels, there are the following areas:

- **Egyptology:** archaeology and history of Thebes (Egypt), where excavations are conducted.
- **Archaeology:** the Mycenaean presence in Cyprus; the Archaic age sanctuaries in the Northern Aegean; figurative culture in Sicily and Magna Graecia; Excavation studies (in particular, Volterra); Italian river valley settlements. Excavations are conducted in onsite.
- **Languages:** Syriac, Armenian, Sanskrit, Maltese and Arabic language and literature.
- **Cinema and Performing Arts:** studies on the relationship between drama and performance, text and stage settings, cinema and literary narrative, Video and Video Art.
- **Art History:** Italian and from the Middle Ages to the 21st century. Its relationships with European and North American art is studied in its iconography and iconography: the history of collecting and of the art market, museums and politics in the world.
- **Philosophy:** the analysis of texts of ancient (Plato, Aristotle, Plotinus), modern (Bruno), and contemporary philosophers (Neuhaus, Kierkegaard). Greek and French thought: late philosophy, modern and contemporary effects onContinental and American.
- **History:** the medieval urban realities in the Middle Ages, Europe and the Mediterranean during the 13th and 14th centuries; the Hellenic Renaissance, movement and Central States in 19th century Europe, traditions regional, and law in the 20th century. History of the media.
- **Two ERC projects are hosted by the Department:**
  - Digital Archive for the Studies of pre-Islamic Arabian Inscriptions: digitalization of the epigraphic patrimony of pre-Islamic Arabia, and excavations in Yemen, Oman.
  - Greek into Arabic. Philosophical concepts and linguistic bridges: transmission of late ancient philosophy, especially Neoplatonic, to the Arabic-speaking world.

**Classical Philology**
- Editing of complete and fragmentary classical Greek texts (Plato, Aristotle, Aeschylus).
- Editing of complete and fragmentary Latin texts (Ennius, Plautus, Seneca the Elder, Pompeius, Donatus on Terence).
- Linguistic and historical studies on Greek and Latin lexicon, syntax, pragmatics.
- Reception of Greek and Latin literary texts in modern and contemporary literatures.

**Romance Studies**
- Critical editions and edition on literatures.
- Text analysis, literary criticism, theory, and modern and contemporary effects on continental and American.

**Linguistics**
- Theoretical Linguistics.
- Historical Linguistics.
- Contrastive linguistics, with reference to Italian and other European languages (German, Portuguese, Slavic, Chinese).
- Applied linguistics (acquisitional, computational, acoustic phonetics, etc).

**English Studies**
- Medieval narrative and drama studies. Critical editions and commentary.
- Early Modern Culture and Theatre Studies.
- Renaissance and Victorian Poetry.
- Modernism and Postmodernism.
- Northern American Literature.
- Comparative studies (Critical Theory and Anglophone literature).
- Translation studies and intradisciplinary communication.
- Semantics, Pragmatics, and intercultural analysis.
- Local studies and lexicography.
- Corpus Linguistics.
- ESP and Second Language Learning.

**Italian Studies**
- Early Modern Culture and Theatre Studies.
- Renaissance and Victorian Poetry.
- Modernism and Postmodernism.
- Northern American Literature.
- Comparative studies (Critical Theory and Anglophone literature).
- Translation studies and intradisciplinary communication.
- Semantics, Pragmatics, and intercultural analysis.
- Local studies and lexicography.
- Corpus Linguistics.
- ESP and Second Language Learning.

**Contact Info**

- Humanities, Literature and Philosophy: Letters and Philosophy: erasmus@cfs.unipi.it
- Modern Foreign Languages and Literatures: erasmus@fileli.unipi.it

**International Networks**
- 7 research and education programmes funded by the European Union
- Transward: Study and Traineeship Programme

**Websites**
- Humanities: http://www.fileli.unipi.it/didattica/corsi-di-laurea-triennale/
- Humanities: http://lingue.humnet.unipi.it
- Italian Studies: Dante Studies
- Italian Studies: Editing and commentary of the works of major Italian writers between the Middle Ages and the Renaissance.
- Italian Studies: Between the 18th and 19th centuries.
- Modern European Languages and Literature: Modern European Languages and Literature: http://www.linguas.unipi.it/
DEGREE PROGRAMMES OFFERED

LONG SINGLE CYCLE DEGREE PROGRAMME
• Law (5 years, 300 ECTS credits)

FIRST CYCLE (BACHELOR’S) DEGREE PROGRAMMES (3 years, 180 ECTS credits)
Business and Economics:
• Banking Finance Financial Markets
• Business Studies
• Economics and Commerce
Political Science:
• Political Science
• Science of Social Work
Law:
• Business, Work and Administrative Legal Services
• Law

SECOND CYCLE (MASTER’S) DEGREE PROGRAMMES (2 years, 120 ECTS credits)
Business and Economics:
• Banking Finance and Financial Markets
• Professional Advice to Business
• Economics (in English - together with Scuola Superiore Sant’Anna)
• Marketing and Market Research
• Strategy, Management and Control
• Data Science and Business Informatics
Political Science:
• International Studies
• Sociology and Management of Social Services
• Corporate Communication and Human Resourses Management
• Planning and Governance of Tourism System in Mediterranean Area

THIRD CYCLE (DOCTORAL) DEGREE PROGRAMMES (3 years)
• Business Administration and Management (together with the University of Florence and the University of Siena)
• Data Science (together with the Scuola Normale Superiore)
• Economics (together with the University of Florence and the University of Siena)
• Legal Sciences
• Political Science
• Political Science, European Politics and International Relations (together with the Scuola Superiore Sant'Anna, the University of Florence and the University of Siena)

ONE YEAR SPECIALISATION PROGRAMMES
• 19 One-year Specialisation Programmes (60 ECTS credits)
• Master in Management of Logistics Systems (together with the University of Lucca)
• First Cycle in International Studies, Law and Political Science (together with other departments)

WORKING WITH THE BUSINESS WORLD
A large number of internship opportunities are available with Italian and international companies, amongst which Autogrill, Fiat, Eni, Gucci Group, Illy Café, Indesit Company, Piaggio, Prada, Salvatore Ferragamo, Vodafone, Pirelli, IBM, Unicredit, Ansaldo Breda, Ansaldo Energia, Hera S.p.A, Ipp Radio Italia, and a number of multinational audit firms such as Pricewaterhouse Cooper, KPMG, Ernst&Young, Deloitte.

RESOURCES AND SERVICES FOR STUDENTS AND RESEARCHERS
• Business and Economics library (112,093 books, 143 current journals, 4,835 e-journals and 3 specialized data banks)
• Law library (121,048 books, 465 current journals and 1,087 e-journals)
• Political Science department libraries (44,200 books, 65 current journals, 2,064 e-journals and several specialized data banks)

SECOND CYCLE (MASTER’S) DEGREE PROGRAMMES

Business and Economics:
• Banking Finance and Financial Markets
• Professional Advice to Business
• Economics (in English - together with Scuola Superiore Sant’Anna)
• Marketing and Market Research
• Strategy, Management and Control
• Data Science and Business Informatics
Political Science:
• International Studies
• Sociology and Management of Social Services
• Corporate Communication and Human Resources Management
• Planning and Governance of Tourism System in Mediterranean Area

Joint Programmes:
• Public Administration Sciences
• Government and Administration of the Sea (together with the Naval Academy, Livorno)
• Group Studies: Conflict Transformation and Development Cooperation (together with other areas)
• International Relations and Naval Science

FOURTH CYCLE (PHD) DEGREE PROGRAMMES
• Business Administration and Management (together with the University of Florence and the University of Siena)
• Data Science (together with the Scuola Normale Superiore)
• Economics (together with the University of Florence and the University of Siena)
• Legal Sciences
• Political Science
• Political Science, European Politics and International Relations (together with the Scuola Superiore Sant’Anna, the University of Florence and the University of Siena)

ONE YEAR SPECIALISATION PROGRAMMES
• 19 One-year Specialisation Programmes (60 ECTS credits)
• Master in Management of Logistics Systems (together with the University of Lucca)
• First Cycle in International Studies, Law and Political Science (together with other departments)

WORKING WITH THE BUSINESS WORLD
A large number of internship opportunities are available with Italian and international companies, amongst which Autogrill, Fiat, Eni, Gucci Group, Illy Café, Indesit Company, Piaggio, Prada, Salvatore Ferragamo, Vodafone, Pirelli, IBM, Unicredit, Ansaldo Breda, Ansaldo Energia, Hera S.p.A, Ipp Radio Italia, and a number of multinational audit firms such as Pricewaterhouse Cooper, KPMG, Ernst&Young, Deloitte.

RESOURCES AND SERVICES FOR STUDENTS AND RESEARCHERS
• Business and Economics library (112,093 books, 143 current journals, 4,835 e-journals and 3 specialized data banks)
• Law library (121,048 books, 465 current journals and 1,087 e-journals)
• Political Science department libraries (44,200 books, 65 current journals, 2,064 e-journals and several specialized data banks)

SECOND CYCLE (MASTER’S) DEGREE PROGRAMMES

Business and Economics:
• Banking Finance and Financial Markets
• Professional Advice to Business
• Economics (in English - together with Scuola Superiore Sant’Anna)
• Marketing and Market Research
• Strategy, Management and Control
• Data Science and Business Informatics
Political Science:
• International Studies
• Sociology and Management of Social Services
• Corporate Communication and Human Resources Management
• Planning and Governance of Tourism System in Mediterranean Area

Joint Programmes:
• Public Administration Sciences
• Government and Administration of the Sea (together with the Naval Academy, Livorno)
• Group Studies: Conflict Transformation and Development Cooperation (together with other areas)
• International Relations and Naval Science

FOURTH CYCLE (PHD) DEGREE PROGRAMMES
• Business Administration and Management (together with the University of Florence and the University of Siena)
• Data Science (together with the Scuola Normale Superiore)
• Economics (together with the University of Florence and the University of Siena)
• Legal Sciences
• Political Science
• Political Science, European Politics and International Relations (together with the Scuola Superiore Sant’Anna, the University of Florence and the University of Siena)

ONE YEAR SPECIALISATION PROGRAMMES
• 19 One-year Specialisation Programmes (60 ECTS credits)
• Master in Management of Logistics Systems (together with the University of Lucca)
• First Cycle in International Studies, Law and Political Science (together with other departments)

WORKING WITH THE BUSINESS WORLD
A large number of internship opportunities are available with Italian and international companies, amongst which Autogrill, Fiat, Eni, Gucci Group, Illy Café, Indesit Company, Piaggio, Prada, Salvatore Ferragamo, Vodafone, Pirelli, IBM, Unicredit, Ansaldo Breda, Ansaldo Energia, Hera S.p.A, Ipp Radio Italia, and a number of multinational audit firms such as Pricewaterhouse Cooper, KPMG, Ernst&Young, Deloitte.

RESOURCES AND SERVICES FOR STUDENTS AND RESEARCHERS
• Business and Economics library (112,093 books, 143 current journals, 4,835 e-journals and 3 specialized data banks)
• Law library (121,048 books, 465 current journals and 1,087 e-journals)
• Political Science department libraries (44,200 books, 65 current journals, 2,064 e-journals and several specialized data banks)
AREAS OF EXCELLENCE IN RESEARCH

- Theory of production
- Development economics at firm, micro- and macroeconomic level
- General equilibrium theory and game theory
- Economic growth and population economics
- Process economics
- History of economic thought
- Public Finance
- Internal auditing
- Management accounting with special focus on costing
- Marketing, economics behavior and consumer culture theory
- History of economics with an institutional approach
- Quantitative research and methodological approaches
- Mathematical finance with special focus on portfolio selection
- Survey methodology and small area estimation
- Population dynamics of infectious diseases
- Real estate and real law
- Private law
- Roman law
- History of law
- Constitutional law and justice
- Procedure law
- Philosophy of law
- Criminal law
- Political duties and party systems
- Political corruption and organized crime
- Democracy in the History of Political Thought
- Political Economy Issues
- Social Policy, Participation, Citizenship and Social Exclusion
- European Union and Regional Integration in Latin America
- International Migration Law, Development and Migration
- Constitutional and Administrative Justice
- Political Philosophy of the Enlightenment Age
- Copyright Theory and Open Access Publishing
- Institutional History in Italy and Spain
- Gender Studies
- Social network analysis and media research
- History of globalization
- History and International Relations of Afro-Asiatic Countries

INTERNATIONAL NETWORKS

- More than 15 international research programmes, mostly funded by the European Union
- Erasmus+ Study and Traineeship Programme
- 11 international cooperation agreements for the exchange of students and researchers

CONTACT INFO

Economics: international@ec.unipi.it
Political Sciences: international@sp.unipi.it
Law: rapp.int@jus.unipi.it

WEBSITES

Economics: http://www.ec.unipi.it/
Economics - International Relations Office: http://international.ec.unipi.it/
Political Sciences: http://www.sp.unipi.it/
Law: http://www.jus.unipi.it/
Law - International Relations Office: http://www.rapp-int.jus.unipi.it/
ENGINEERING DEGREE PROGRAMMES OFFERED

LONG SINGLE CYCLE DEGREE PROGRAMMES
(5 years, 300 ECTS credits)
• Architectural and Building Engineering

FIRST CYCLE (BACHELOR’S) DEGREE PROGRAMMES
(3 years, 180 ECTS credits)
• Aerospace Engineering
• Biomedical Engineering
• Chemical Engineering
• Civil-Environmental and Building Engineering
• Computer Engineering
• Electronic Engineering
• Energy Engineering
• Engineering Management
• Mechanical Engineering
• Telecommunications Engineering
• Maritime and Naval Science
• Government and Administration of the Sea

SECOND CYCLE (MASTER’S) DEGREE PROGRAMMES
(2 years, 120 ECTS credits)
• Aerospace Engineering (in English only for the Space option)
• Applied and Exploration Geophysics
• Bionics Engineering
• Chemical Engineering
• Civil Infrastructures and Environmental Engineering
• Computer Engineering (in English)
• Embedded Computing Systems (in English)
• Electric Engineering
• Electronic Engineering
• Energy Engineering
• Government and Administration of the Sea
• Hydraulic, Transportation and Territory Engineering
• Management Engineering (together with Cranfield University)
• Maritime and Naval Science
• Materials and Nanotechnology
• Mechatronics Engineering
• Nuclear Engineering (in English)
• Robotics and Automation Engineering
• Structural and Building Engineering
• Telecommunications Engineering
• Vehicle Engineering

THIRD CYCLE (DOCTORAL) DEGREE PROGRAMMES
(3 years)
• Civil and Environmental Engineering (together with the University of Florence)
• Computer Science (together with the University of Florence)
• Data Science (together with the Scuola Normale Superiore)
• Energy, Systems, Territory and Construction Engineering
• Industrial Engineering
• Industrial Engineering (together with the University of Florence)
• Information Engineering
• Smart Computing (together with the University of Florence)

SPECIAL AND ONE-YEAR SPECIALISATION PROGRAMMES
• 11 One-Year Specialisation Programmes (1 year, 60 ECTS)
• Summer Schools in cooperation with the University of Illinois at Urbana, Champaign (Illinois), San Diego State University (California) and the University of Tokyo (Japan)

FEATURES
• Biomedical Engineering
• Chemical Engineering
• Civil Structures and Environmental Engineering
• Computer Engineering (in English)
• Embedded Computing Systems (in English)
• Electric Engineering
• Electronic Engineering
• Energy Engineering
• Government and Administration of the Sea
• Hydraulic, Transportation and Territory Engineering
• Management Engineering (together with Cranfield University)
• Maritime and Naval Science
• Materials and Nanotechnology
• Mechatronics Engineering
• Nuclear Engineering (in English)
• Robotics and Automation Engineering
• Structural and Building Engineering
• Telecommunications Engineering
• Vehicle Engineering

WORKING WITH THE NON-ACADEMIC WORLD
The Engineering Departments are involved in a continuous activity of technology transfer towards small and medium enterprises, with a turnover of 10M€ annually. Furthermore, a number of international companies outsource research activities to the laboratories hosted by the Engineering Area. The list of companies includes:
Ansaldo, AustriaMicroSystems, Avio, Boeing, Dana, Dael, Ericsson, Fiat, Intel, Magna, Pegaso Geotechnical Equipment, Piaggio, PowerONE, Saab, Seneta, SmartDynamics, STMicroelectronics, Thales, Yonm, La Specia and Livorno Port Authorities, Robert Bosch Produkite, Continental Automotive Italy.

RESOURCES AND SERVICES FOR STUDENTS AND RESEARCHERS
• Engineering library (54,685 books, 236 current journals, 5,212 e-journals and several specialised data banks)
• Science area (450 workplaces, 7 computer labs, printing area)
• 2 bars
• Full wi-fi coverage
• 50 laboratories equipped with specialised machines and instruments
AREAS OF EXCELLENCE IN RESEARCH

The Engineering Area of the University of Pisa has a well-established international reputation in several research fields, with particular excellencies in the following sectors:

- **AerospAce engineering**
  - Advanced chemical propulsion
  - Aerodynamics of road vehicles
  - Development of fly-by-wire control systems
  - Fatigue and damage tolerance of aerospace structures (advanced metals and composites)
  - Flow stability and control
  - Low thrust space propulsion
  - Space mission analysis and space vehicle design

- **Applied electromAgnetics**
  - Microwave circuits, antennas and metamaterials for advanced applications
  - Computational electromagnetics
  - Electromagnetic propagation in complex environments
  - Wireless systems for remote identification and radiolocalization

- **AutomAtion engineering**
  - Guidance, navigation and control systems
  - Oceanic engineering
  - Process and control theory
  - Robotics

- **BiomedicAl engineering**
  - Biomedical signal and image processing
  - Health information technology
  - Mathematical and in-vitro models of physiological and biomimetic systems
  - Smart materials and multiscale fabrication for bioengineering

- **chemicAl engineering**
  - Environmental engineering
  - Fuel technology and carbon capture
  - Industrial chemical process design, control, intensification, modeling
  - Industrial safety
  - Materials engineering (polymers, functional materials, nanocomposites, metals, biomaterials)
  - Multiphase flow, fluid mechanics and interfacial engineering
  - Product design (plastics, polymers, heat exchangers)

- **Civil engineering**
  - Architectural design and Architectural technologies
  - Landscape and town planning
  - Preservation and valorisation of the historical architectural heritage
  - Geotechnical design of river embankments
  - Seismic microzonation
  - Design of hydraulic and environmental works (river engineering restoration, coastal engineering and shoreline protection, urban drainage system, water supply and sewer systems, environmental and sanitary engineering)
  - Structural design of hydraulic and environmental works

- **Computer engineering**
  - Computer Architectures
  - Distributed Systems and Computer Networking
  - Embedded Systems and Pervasive Computing
  - Dependable and Secure Systems
  - Software Engineering
  - Computational Intelligence
  - Information Systems

- **electricAl And energy engineering**
  - Acoustics and lighting technique
  - Building physics
  - Computational and applied electromagnetics and fluid dynamics
  - Distributed generation and cogeneration
  - Electric machines, power electronics and electrical drives
  - Electric propulsion and hybrid vehicles
  - Energy storage and vehicular electronics
  - Geothermal plants
  - Heat transfer enhancement
  - Pulsed power and MHD measurements
  - Renewable energy
  - Smart Grids and VPP

- **electronic engineering**
  - Analog integrated system design
  - Energy storage and vehicular electronics
  - Fault-tolerant and Nano-structured Devices for bioengineering
  - Integrated circuits and systems
  - Micro and Nano-structured devices for health care
  - Micro electro-mechanical system design
  - Nanoelectronics
  - Radiofrequency and microwave ICs design
  - Micro and Nano-structured devices for health care

- **Management engineering**
  - ICT management and organization
  - Innovation management and economics
  - Inspection, quality control and management

- **MinerAl and material engineering**
  - Non-destructive tests
  - Preparation of raw materials and solid state chemistry
  - Properties and performance of materials
  - Recombinant proteins and microorganisms
  - Structural design of refugees, factories, industrial plants, and innovative elements (PLP, prefab units, low cost buildings)
  - Structural and environmental systems for structural engineering (fire safety, wind, sound, ventilation, heat, light, noise, fire, reinforced concrete, etc.)

- **Computer engineering**
  - Computer Architectures
  - Distributed Systems and Computer Networking
  - Embedded Systems and Pervasive Computing
  - Dependable and Secure Systems
  - Software Engineering
  - Computational Intelligence
  - Information Systems

- **electricAl And energy engineering**
  - Acoustics and lighting technique
  - Building physics
  - Computational and applied electromagnetics and fluid dynamics
  - Distributed generation and cogeneration
  - Electric machines, power electronics and electrical drives
  - Electric propulsion and hybrid vehicles
  - Energy storage and vehicular electronics
  - Geothermal plants
  - Heat transfer enhancement
  - Pulsed power and MHD measurements
  - Renewable energy
  - Smart Grids and VPP

- **electronic engineering**
  - Analog integrated system design
  - Energy storage and vehicular electronics
  - Fault-tolerant and Nano-structured Devices for bioengineering
  - Integrated circuits and systems
  - Micro and Nano-structured devices for health care
  - Micro electro-mechanical system design
  - Nanoelectronics
  - Radiofrequency and microwave ICs design
  - Micro and Nano-structured devices for health care

- **Management engineering**
  - ICT management and organization
  - Innovation management and economics
  - Inspection, quality control and management
• Logistics and industrial plants
• Maintenance, virtual and augmented reality
• Manufacturing planning, systems and optimization

MECHANICAL AND NUCLEAR ENGINEERING
• Acoustics and noise control
• Computational and Experimental Biomechanics and Biodynamics
• Design and licensing of casks for storage and transport of radioactive materials
• Dynamic of rotors and rotors systems for wind turbines
• Environmental and sustainable design
• Mechanical and thermal fatigue
• Mechanics of heterogeneous materials
• Mechanics of nanostructures and nanomaterials
• Nuclear neutron and gamma dosimetry
• Qualification tests of noble radioactive gases delay beds with activated carbon

MECHATRONICS AND ROBOTICS
• Autonomous robots
• Electrical and electronic systems
• Mechatronics
• Mechatronics and robotics

MATHEMATICAL AND COMPUTATIONAL MODELLING
• Computational and experimental biomechanics
• Computational and experimental tribology
• Computational fluid dynamics
• Computational and experimental biomechanics
• Computational and experimental tribology

TELECOMMUNICATIONS ENGINEERING
• Cognitive Radio
• Data and Signal Processing
• Digital Audio
• Digital Audio
• Internet of Things
• Internet of Things
• Internet of Things

Currently about 300 patents have been co-authored and 10 spin-offs have been set up by staff members.
DEGREE PROGRAMMES OFFERED

LONG SINGLE CYCLE DEGREE PROGRAMMES
• Veterinary Medicine (5 years, 300 ECTS credits)

FIRST CYCLE (BACHELOR’S) DEGREE PROGRAMMES
(3 years, 180 ECTS credits)

Agriculture:
• Agricultural Sciences
• Science of Herbal and Health Products (together with Pharmacy)
• Viticulture and Enology

Veterinary Medicine:
• Animal Production Science and Technology
• Animal Breeding Techniques and Dog Training

SECOND CYCLE (MASTER’S) DEGREE PROGRAMMES
(2 years, 120 ECTS credits)

Agriculture:
• Agrifood Production and Agroecosystem Management
• Urban Green Areas and Landscape Planning and Management
• Plant and Microbi Biotechnologies
• Food Biosafety and Quality (together with Veterinary Medicine)

Veterinary Medicine:
• Animal Production Science and Technology

THIRD CYCLE (DOCTORAL) DEGREE PROGRAMMES
(3 years)
• Veterinary Sciences
• Agriculture, Food and Environment

WORKING WITH THE BUSINESS WORLD
The Areas of Agriculture and Veterinary Sciences/Medicine have a total of 770 and 450 internship agreements each. These internship agreements have been established with companies which aim to give graduate students the opportunity to gain authentic work experience, enhancing their professional opportunities. Most of the active networks in Veterinary Medicine consist of collaboration with public bodies at national, regional and local levels in the fields of animal pathology, food inspection, social farming, rural development, animal production and toxicology.

RESOURCES AND SERVICES FOR STUDENTS AND RESEARCHERS
• Agricultural Sciences library (41,456 books, 379 current journals and 1,255 e-journals)
• Veterinary Medicine library (10,627 books, 90 current journals and 804 e-journals)
• 2 Biology Labs (70 workstations)
• 1 Chemical Lab (30 workstations)
• 1 Molecular Lab (10 workstations)
• 22 Veterinary Labs
• 1 Agriculture Computer Lab (30 workstations)
• 1 Veterinary Computer Lab (20 workstations)
• Full Wi-fi coverage
• Veterinary Hospital (24 hour service, 34 boxes for horses, 40 boxes for small animals)
• University Farm (1,300 ha)
• 3 Specialised rooms: Anatomy, Microscopy, Necropsy
• 2 ECDL Test Centres
• 1 Agriculture Centenary lab (20 workstations)
• 1 Veterinary Centenary lab (20 workstations)
• Fall 18-16 covering
• Veterinary Hospital (24 hour service, 24 boxes for horses, 40 boxes for small animals)
• University Farm (1,300 ha)
• 3 Specialised rooms: Anatomy, Microscopy, Necropsy
• 2 ECDL Test Centres

SPECIALISATION SCHOOLS AND ONE-YEAR SPECIALISATION PROGRAMMES
• 3 Veterinary Specialisation Schools
• 7 One-year Specialisation programmes (1 year, 60 ECTS credits)
Students interested in the Agricultural and Veterinary areas will find research activities focused in different fields like:

- Agronomy and organic production
- Agricultural chemistry
- Sustainable food production
- Botany
- Food and soil microbiology
- Agricultural mechanization
- Irrigation
- Horticultural and fruit production
- Obst growing, viticulture and Mediterranean crops and products
- Multifunctional agriculture and rural development
- Rural forestry
- Food planning and policy industries
- Big technologies applied to food inspection
- Animal pathology

- Veterinary and comparative oncology
- Wildlife studies
- Animal public health
- Microbiology of typical products
- Hygiene rules and procedures
- Animal behaviour
- Food safety in animal production
- Equine nutrition
- Equine breeding and reproduction
- Equine sports medicine
- Veterinary in food production
- Animal assisted therapy
- Pensions
- Fisheries

INTERNATIONAL NETWORKS

- 5 ongoing EU-funded projects
- Erasmus Mundus International Master of Science in Rural Development (2 years, 120 ECTS credits)
- Joint Chinese and Italian Centre on Food Safety (CSISA)
- 19 international agreements with universities and research centres
- Erasmus+ Study and Traineeship Programme

WEBSITES

- Agriculture: http://www.agr.unipi.it/
- Veterinary Medicine: http://www.vet.unipi.it/

CONTACT INFO

- Agriculture: presidenza@agr.unipi.it
- Veterinary Medicine: erasmus@vet.unipi.it
These are intensive academic courses for international students and also for graduates. They mostly last from 3 to 6 weeks and take place in an international context, with students and lecturers coming from various parts of the world and all lectures delivered in English. They are characterized by nonconventional teaching formats (workshops, tutorials, excursions, cultural events, business testimonials, etc.) and a multidisciplinary approach. Our professors are experts in their areas and have a keen interest in what they do. Our Summer Schools meet strict academic regulations: each grants at least 6 ECTS credits and the participants who successfully pass the final exams will receive a transcript.

**AREAS**
- Agricultural and Veterinary Sciences
- Humanities
- Engineering
- Health Sciences
- Social, Economic and Legal Sciences
- Mathematical, Physical and Natural Sciences

The Foundation Course is a study programme composed of two fields of study: Humanities (Foundation Course in Humanities-FCH) and Sciences (Foundation Course in Science-FCS), taught in English and primarily aimed at candidates who do not possess the minimum schooling requirements outlined in current legislation for enrolment at an Italian university. The FC is also aimed at candidates in possession of the 12 years of schooling required for enrolment, in order to fill in any educational or linguistic gaps.

**STUDY OPTIONS**
- **FC in Humanities (FCH)**
  - Italian Literature: an introduction
  - Modern European History
  - Greek and Roman Archaeology
  - History of Art: an introduction
  - Introduction to Philosophical Thought
  - Italian Language and Culture
- **FC in Science (FCS)**
  - Basic Mathematical Language, Modelling and Reasoning
  - Physics
  - Chemistry
  - Biology
  - Principles of Economics and Management
  - Italian Language and Culture

The content of the courses takes into account the admission exam to Medicine and the evaluation tests students must take in order to access a degree programme.

**OTHER OPTIONS**
- For candidates with 10 years of schooling
- For “Native Italians” (i.e.: Italian citizens)
- For Italian native speakers or those who have an Italian language certificate at a C1 level
- For candidates with 12 years of schooling who are interested in taking ‘free-choice’ modules

**NECESSARY REQUIREMENTS IN ORDER TO APPLY TO THE PROGRAMME**
Candidates interested in pursuing the FC must meet the following requirements:
- Certified knowledge of the English Language at a B2 level
- High school diploma obtained overseas

**CONTACT INFO**
- Email: support.summerschool@adm.unipi.it
- www.unipi.it/summerschool