



I'm glad to present you the University of Pavia

Our institution is one of the oldest universities in Europe, and the oldest in Lombardy: since its foundation in 1361, it has been a good place to live and study for both Italian and foreign students.

Each year, thousands of students can appreciate the multidisciplinary vocation of our University and the hospitality of its campus, really unique in Italy for the possibility it offers of living and studying in a lively, intellectually challenging environment.

Our aim is to encourage our students' creativity, enhancing their capacity to engage with the great challenges of our society.

We set out to obtain this goal by offering a wide academic curriculum, by increasing our international policy and through the outstanding quality of our research.

The Rector
Prof. Angiolino Stella



Universitas Studiorum since 1361

The University of Pavia is one of the oldest universities in Europe. An edict issued by King Lotharius quotes a higher education institution in Pavia as already established in 825. This institution, mainly devoted to law studies, was then chosen as the main education centre for northern Italy. Enlarged and renovated by the Duke of Milan, Gian Galeazzo Visconti, it became the University of the Duchy, officially established as a Studium Generale by Emperor Charles IV in 1361.

Alessandro Volta (1745-1827) is only one of a large group of famous professors who taught at the University of Pavia. To mention just a few, let us recall Girolamo Cardano (1501-1576), Antonio Scarpa (1752-1832) and Camillo Golgi (1843-1926). The "cardanic joint", a widely used mechanical device, takes its name from the first. Scarpa was professor of

anatomy and medicine. Many parts of human anatomy are today named after him, e.g. "Scarpa's triangle" and "Scarpa's fascia". Golgi invented the so called "black reaction", which, for the first time, displayed the ramified structure of nerve cells. This was the key to open the chapter of neuroscience nowadays advancing so quickly. For this discovery, Golgi was given the Nobel prize in 1906, together with the Spanish Santiago Ramon y Cajal. The "Golgi complex" is only one of the many microstructures which are today named after him.

Today Pavia is a Research University, offering a wide variety of disciplinary and interdisciplinary teaching organized in nine faculties: Economics, Pharmacy, Law, Engineering, Literature & Philosophy, Medicine & Surgery, Science (Mathematics, Physics Chemistry, Biology and Natural Science), Political Science and





Musicology. The University offers Degree Courses, Doctorates, Post-graduate Schools, Specialization Courses and Masters. Research is carried out in departments, institutes, clinics, centres, and laboratories in close association with public and private institutions, enterprises and companies. The University of Pavia enjoys a strong tradition of international student and teacher exchanges: bilateral agreements involve, among others, the historical universities of Coimbra, and many universities in Europe, the Middle East, the Mediterranean area, the United States of America, China, Japan and many other countries. The University of Pavia is in a way unique not only because of its prestigious historical origins and top quality achievements, but also due to its leading and promoting role in the so-called "Pavia System", characterized by 15 colleges and residences where thousands of students can live, study and play sports. The oldest residences, named Collegio Borromeo and Collegio Ghislieri, were built in the 16th century; more recently other colleges for male and female students were founded through both public and private initiatives.



Historical halls

Aula Volta

Dedicated to Alessandro Volta, professor (1778-1821) and also Rector of the University of Pavia (1786-1787), the physics laboratory was created under instruction from the Emperor Joseph II and designed by Leopold Pollak. The work was completed in 1787. The Hall recalls the structure of the Palladian Olympic Theatre of Vicenza and presents a series of Ionic semi-columns and niches with statues of Galileo Galilei and Bonaventura Cavalieri. In 1828 Giuseppe Marchesi replaced the original flat ceiling, which had been damaged in the earthquake of the same year, with the present shell covering. The intervention concerned also the originally rectangular windows which were transformed into a sequence of lunettes. Restoration of the Hall took place in 1999, on occasion of the bicentenary celebrations to mark the invention of the battery by Alessandro Volta (1799).



Aula Scarpa

The medical surgery/consulting-room, designed in 1785 by Giuseppe Piermarini and concluded the following year by Leopold Pollak, is named after Antonio Scarpa, professor of anatomy at the University of Pavia. Its semicircular layout is modelled on ancient theatres and the Palladian Olympic Theatre of Vicenza; there is a series of niches on the curved side containing marble busts of illustrious anatomists of Pavia such as Scarpa, Panizza, Zoia and Sala. The horseshoe shaped auditorium is made entirely of wood. The division between the benches and the teacher's desk, both with separate access, is inspired by the requirements of the teaching of anatomy. Grotesque candelabra are painted on the gores of the umbrella ceiling (the original was a lacunar ceiling), alternating with winged figures holding some of the most important surgical instruments. Cippus and funeral vases complete the furnishings. It was restored in 1999.

Aula Foscolo

The Hall, of a rectangular layout, constructed in 1775 on the design of Giuseppe Piermarini, was destined to become the Assembly Hall of the faculties of Medicine



and Law. The pictorial decoration, initiated in 1782, concerns both the ceiling with the figures of Mercury and Minerva and the walls upon which each faculty is individually represented. The decorative display of the Hall is completed by two large portraits in oil, painted in Vienna in 1719, depicting the Empress Maria Teresa of Austria and her son Joseph II, both of whom protagonists of the eighteenth century rebirth of the University of Pavia. The Hall underwent an initial restoration in 1927 on occasion of the centenary of the death of Ugo Foscolo to whom it is dedicated. It was here that on the 22nd of January 1809 the poet, who was a professor of the University at the time, made the famous inaugural speech "Of the origin and office of literature". It was restored in 2000.

Aula Magna

Begun in 1843 and concluded in 1850 on the design of Giuseppe Piermarini, it stands on an area of the oratory and the adjacent cemetery of S. Maurizio (Saint Maurice).

The internal plan is basilica style, with three aisles and two rows of large columns with Corinthian capitals. An enormous painting depicting King Vittorio Emanuele II on horseback, work of Trecourt, dominates the centre of the apse; on either side there are the portraits of illustrious professors of the University.

On the exterior, the pronaos designed by Marchesi is modelled on the Greek temple and the tympanum presents a bas-relief depicting the Rector Alessandro Volta in the act of conferring a degree. On the architrave "Sollemnibus studiorum dicatum MDCCCL".





Museums and collections

The University of Pavia boasts an extraordinary historical-scientific inheritance. It demonstrates the research and teaching activities that took place over more than six centuries. In numerous museums and collections more than 600,000 objects including instruments, medical apparatus and documents bear witness to the development of the sciences and the results obtained in Pavia that are now part of the history of science, such as those of Cardano, Aselli, Scarpa, Spallanzani, Scopoli, Volta, Brugnatelli, Lombroso, Forlanini and Golgi up to the present day.

Over the last twenty years a team has dedicated much energy and time to restore, identify and exhibit this inheritance and in January 2005 the University founded the Sistema Museale di Ateneo to manage and coordinate all the activities connected with the museums. The Sistema aims to create a number of new scientific museums: the Museum of Electrical Technology, completed in autumn

2006; the Museum of Natural History; and the Museum for the History of Science, in the new scientific campus of the University on the outskirts of the town. Other collections such as the Botanical Garden, the Laboratory of Camillo Golgi, the Museum for the History of the University, the Archeology Museum, have instead been restored in their original buildings, which preserve their historical character.

The Cabinet of Physics of Alessandro Volta

The Museum for the History of the University (Strada Nuova, 65 Ph +39 0382 984709) is divided into two sections: the first, the Physics collection, founded in 1771, which contains the "Cabinet of Physics of Alessandro Volta" and the "Cabinet of Physics of the University"; the second, the Medicine collection, consists of three halls, the sala Golgi, the sala Scarpa and the sala Porta. It is possible to visit the Museum on Monday (h. 2.00 – 5.00 pm) and on Friday (h. 9.00 am – 1.00 pm). Other information may be found on <http://ppp.unipv.it/musei>.

The Botanical Garden

The botanical garden (Via S. Epifanio 14 Ph +39 0382 984855) was established in the eighteenth



century thanks to the efforts of botanist Fulgenzio Vitmann, but it was under the direction of Giovanni Antonio Scopoli that the garden became comparable to the most famous botanical gardens of the period. It has 300.000 specimens collected in twelve different sections. Since 1996 the Garden has been linked with the Department of Territorial Ecology and Environment. It is used by research scientists for teaching and experimental plant cultivation. The Garden is divided into: Rose Garden, Gymnosperm Arboretum, Tea bed, Nemoral plant collection, Angiosperm arboretum, Seed Bank, Bosco Negri Teaching Centre, Tropical greenhouse, Medicinal herb collection, Useful plants greenhouse, Scopoli greenhouses, Scopoli's arboretum and platanus. Botanic Garden opening times: Monday to Thursday: 9.00 – 12.30 14.30 – 17.00; Friday: 9.00 – 12.00 (contacts: orto.botanico@unipv.it; web site: <http://et2.unipv.it/homepage/orto/homeort.html>).

The Museum of Natural History

The origins of the Museum of Natural History go back to 1769, the year in which Lazzaro Spallanzani became professor of Natural History at the University of Pavia. It is divided into three sections: Comparative Anatomy, Zoology



and Geo-Paleontology. Awaiting a new site in the scientific campus, today the Museum has offices and laboratories in the historical building called "Palazzo Botta" (Piazza Botta, 9 Ph +39 0382 986308) and an exhibition (open to the public upon reservation), contact: centro.museo@unipv.it in Via Guffanti, 13.

The Museum of Electrical Technology

The Museum of Electrical Technology (Via Ferrata Ph +39 0382 984101) is the first of the new scientific museums planned for the Cravino Campus. Its collections began in 1991 for



teaching purposes and for the research about the history of electrical technology, and developed with donations from public and private electrical companies such as Enel and Sirti. The Museum will be opened at the beginning of 2007 and it will be possible to visit its collection upon reservation (www.unipv.it/museotecnica).

The Museum of Mineralogy

The Museum of Mineralogy (Via Ferrata, 1 – Ph +39 0382 985890) was at first a section of the Museum of Natural History and became a Museum in the eighteenth century, under the guide of Giuseppe Mangili, who succeeded Lazzaro Spallanzani. It has both a systematic and a regional collection of minerals and rocks. The museum is open on Monday to Thursday from 14.00 to 16.00 and Friday from 9.00 to 12.00 (ppp.unipv.it/musei).

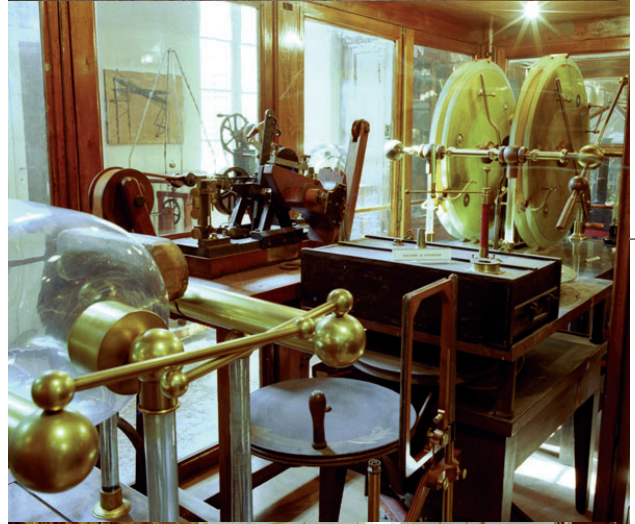
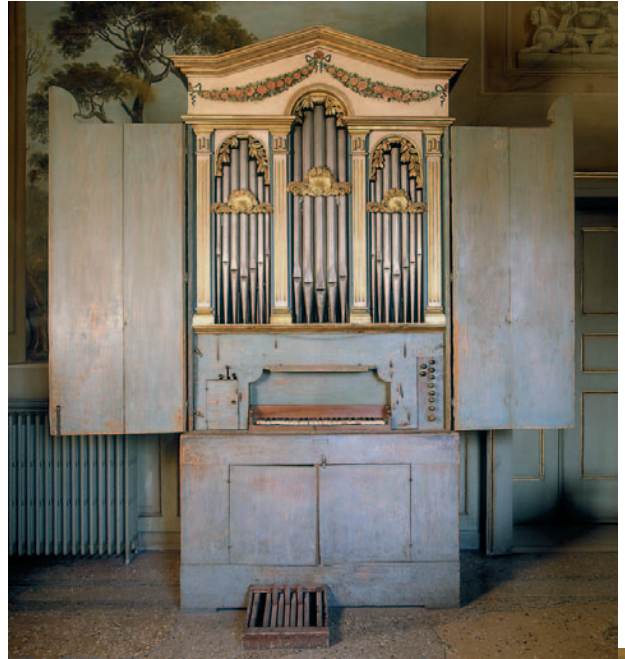
Other collections

In addition to these museums, the university has many collections still in their original locations, that unfortunately are not available to the public: the Archeology Museum (Via Strada Nuova, 65 Ph +39 0382 984497) founded by P.V.Aldini in 1819 with didactic aims, the Museum of Normal

Human Anatomy, established at the end of the seventeenth century; the Collection of Pathological Anatomy, originated in the days of post-mortem specimens prepared in the S. Matteo Hospital; the Collection of Physiology founded by Eusebio Oehl in 1860 and consisting of about 300 items (medical instruments and documents). The Collection of Histology and Embryology created in the last years of the eighteenth century, contains about 10 thousand objects which were prepared especially for teaching purposes. The Collection of General Pathology (P.zza Botta, 10 Ph +39 0382 984712) is strongly connected with the activity of the Nobel Prize-winner Camillo Golgi, who discovered *the black reaction*, *the Golgi's Apparatus* and *the Plasmodium of Malaria*. Under his direction, during the end of 1800 and at the turn of the 20th century, the Institute of General Pathology became a research centre of international renown. Today it is possible to visit the ancient library and the recently restored "Aula Golgi". The Collection of Chemistry has 200 objects which testify to the history of chemistry and its teaching from the second half of the eighteenth century: in 1784



Giovanni Antonio Scopoli, with the cooperation of the architect Giuseppe Piermarini, opened the first chemistry laboratory inside the Botanical Garden. The Collection of Physics is divided into two parts according to the age of the instruments: the older instruments are located in the Museum for the History of the University and the rest, those from the twentieth century, are housed inside the Department of Physics. The latter, about 800 items, are measurement instruments of electricity, mechanics and thermology. The Collection of Models and Mathematical Instruments includes mathematical models made of plaster (gypsum), wood or metal, realized at the end of the nineteenth century for teaching purposes. The Collection of Musicology (C.so Garibaldi, 178 – Cremona Ph +39 0372 457077) belongs to Pavia University even if it is to be found at Cremona, a little town 60 Km from Pavia. The collection consists of 70 musical instruments, of which the most ancient is a piano belonging to the second half of the eighteenth century. It also has some copies of medieval, renaissance and baroque instruments made in the sixties and seventies of the twentieth century.



The University of Pavia today

1361: one of the oldest universities in Europe

- 3** hospitals
- 9** faculties
- 15** colleges
- 20** master degrees
- 35** libraries
- 49** departments
- 54** specialization schools
- 104** degree courses
- 310** exchange relationships over the world
- 1.120** professors
- 1.600** study grants
- 4.000** graduated each year
- 23.000** students

Canoeing and rowing international races and a wide range of sports
Courses of Italian for foreign students

Central Building

Pavia - Strada Nuova 65
Ph +39 0382 9811
www.unipv.it

Other Campuses

Faculty of Musicology

Cremona - corso Garibaldi 178
Ph +39 0372 25.575
spfm.unipv.it/index.html

Fondazione Università di Mantova - Faculty of Engineering

Mantova - via Scarsellini, 2
Ph +39 0376.286202
www.unimn.it





Faculties

9 faculties

Arts and Philosophy
Economics
Engineering (Pavia and Mantova)
Law
Mathematics, Physics and Natural Sciences
Medicine and Surgery
Musicology (Cremona)
Pharmacy
Political Sciences



Course organization

Laurea - 1st cycle degree

Classification: 1st cycle university degree, characterized by both theoretical and applied studies.

Aim: provide undergraduates with adequate knowledge of general scientific principles, mastery of related methods, and specific professional skills.

Access: by the Italian school leaving qualification, or a comparable foreign one.

Admission: generally free; in some cases by entrance tests, depending on places availability.

Workload: 180 ECTS credits

Length: 3 years full time.

Subject sectors: 47 degree classes have been identified, i.e. groups of degrees in as many subject sectors; each class belongs to one of the 5 main subject areas covering the entire university education.

Course structure: each L3 course must include 6 different types of subject courses in relation to the nature of the respective teaching/ learning activities:

1. courses meant for basic education in one or more study fields,
2. courses whose subject fields are specific for a given Laurea,
3. courses in similar/supplementary subject fields,
4. elective courses,
5. courses preparatory to the final examination,
6. courses for complementary skills (foreign languages, computer, telematics, work experience).

Degree: Laurea; in English: 1st cycle degree. It is the Italian bachelor-level degree of the Bologna Declaration.

Title: Dottore.

Professional openings:

- employed positions in private or public commercial/industrial undertakings; or
- posts within the civil service at level VII; or
- practice in Italy of the corresponding regulated professions, if any, after successful passing of the relevant state examinations conferring the professional license (only all L3 in the health sector are directly licensing to the related sanitary professions); or
- practice of the corresponding regulated professions in those EU member states where similar professions exist (after obtaining professional recognition under the relevant EC Directives).

Further university studies: access to LS and MU1 programmss.



Laurea Magistrale - 2nd cycle degree

Classification: 2nd cycle university degree, characterized by a strong theoretical part and specialistic studies in a given subject field.

Aim: provide graduates with advanced education for highly qualified professions in specific sectors as well as with adequate training for advanced independent research.

Access: by a related L3, or a comparable foreign degree.

Admission: often free; in some cases by entrance tests, depending on places availability.

Workload: 120 ECTS credits.

Length: 2 years full time.

Subject sectors: 109 degree classes have been identified, i.e. groups of degrees in as many subject sectors; each class belongs to one of the 5 main subject areas covering the entire university education.

Course structure: each LS course must include 6 different types of subject courses in relation to the nature of the respective teaching/ learning activities:

1. courses meant for basic education in one or more study fields,
2. courses whose subject fields are specific for a given Laurea,
3. courses in similar/supplementary subject fields,
4. elective courses,
5. courses preparatory to the final examination,

6. courses for complementary skills (foreign languages, computer, telematics, work experience).

Degree: Laurea Specialistica; in English: 2nd cycle Laurea. It is the Italian master-level degree of the Bologna Declaration.

Title: Dottore Magistrale.

Professional openings: same occupational sectors as those available to L3 graduates but LS holders are invested with greater responsibilities and may progress in the career up to the highest managerial offices; therefore:

- employed positions in private or public commercial/industrial undertakings; or
- posts within the civil service at level VIII (dirigenti), and may progress up to the office as director-general (Direttore Generale); or
- practice in Italy of the corresponding regulated professions, if any, after successful passing of the relevant State examinations conferring the professional license; or
- practice of the corresponding regulated professions in those EU member states where similar professions exist (after obtaining professional recognition under the relevant EC Directives).

Further university studies: access to DR, DS2, MU2 programmes.

Master universitario di 1° livello - 1st level Master

Classification: 2nd cycle university degree; it may be either academic in nature or, more often, professionally-oriented.

Aim: provide graduates either with advanced scientific knowledge in a given field or with further professional education and training for better occupational opportunities.

Access: by an Italian 1st degree (Laurea-L3), or a comparable foreign one.

Admission: often by selective procedures, on the decision of the master program director.

Workload: min. 60 ECTS credits.

Length: min. 1 year.

Subject sectors: most of the sectors covered by the 5 great subject areas.

Course structure: curricular articulation is decided upon autonomously by individual universities.

Degree: Diploma di Master Universitario di 1° livello (University Master-1st level degree).

Title: Master Universitario di 1° livello (University Master-1st level).

Professional openings: same occupational sectors as those available to L3 graduates. Private and public employers generally appreciate the further academic/professional competences MU1 holders have acquired; e.g. in public competitions for L3-based posts within the civil service, applicants who additionally hold an MU1 are attributed additional scores.

Master universitario di 2° livello - 2nd level Master

Classification: 3rd cycle university degree; it may be either academic in nature or, more often, professionally-oriented.

Aim: provide postgraduates with a higher level of academic education in a given field, or with higher professional education and training for better occupational opportunities.

Access: by a Laurea Specialistica (LS), or a comparable foreign degree.

Admission: often by selective procedures, on the decision of the master program director.

Workload: min. 60 ECTS credits.

Length: min. 1 year full time.

Subject sectors: most of the sectors covered by the 5 great subject areas.

Course structure: curricular articulation is determined autonomously by individual universities.

Degree: Diploma di Master Universitario di 2° livello (University Master-2nd level degree).

Title: Master Universitario di 2° livello (University Master-2nd level).

Professional openings: same occupational sectors as those available to LS graduates. Private

and public employers generally appreciate the higher academic/professional competences MU2 holders have acquired; e.g. in public competitions for LS-based posts within the civil service, applicants who also hold an MU2 are attributed additional scores.

Diploma di specializzazione - Specialization diploma

Classification: 3rd cycle university degree, professionally-oriented.

Aim: provide postgraduates with knowledge and skills for a few specific professions; DS2 programs may be set up exclusively on the basis of specific national laws or EU Directives.

Access: by a Laurea Specialistica (LS), or a comparable foreign degree.

Admission: by public competition (concorso), due to numerus clausus restrictions.

Workload: 120-360 ECTS credits.

Length: 2-6 years full time.

Subject sectors: specialistic fields in dentistry, human medicine & surgery, veterinary medicine; training to legal professions (lawyers, notaries public, magistrates); secondary teachers training.

Course structure: curricular compulsory requirements, defined by national law, include theoretical studies in combination with practical applications and





professional training; some research activity may be also required.

Degree: Diploma di Specializzazione di 2° livello (2nd level specialization degree)

Title: Specialista in... (specialist in) (the specialization field follows).

Professional openings: DS2 holders may:
- practise in Italy the respective self-employed specialistic professions

with the title as Specialista;
- take up functions within the civil service which require specialistic education and training in certain fields;
- be employed as highly-qualified professionals (Specialisti) in private commercial/industrial undertakings;
- practise the corresponding regulated professions (if any) in another EU member state, after obtaining professional recognition under the relevant EC Directives.

Dottorato di ricerca - PhD

Classification: 3rd cycle university degree, fully academic in nature.

Aim: provide postgraduates with training for highly specialized research.

Access: by a related LS, or a comparable foreign degree in a related subject sector.

Admission: by public competition, organised locally by individual universities.

Length: min. 3 years, depending on subject fields.

Subject sectors: most of the sectors covered by the 5 great subject areas.

Course structure: DR programs mainly consists in independent research projects of a high quality standard. Postgraduates carry out their research activities under the supervision of a university teacher who is specifically appointed to act as a tutor; sometimes, the

attendance of seminars or of a few subject courses is also required. Transition from one year to the next depends on the tutor's positive assessment of the doctoral student's performance.

Degree: Dottorato di Ricerca (research doctorate).

Title: Dottore di Ricerca; no official abbreviation has been determined by law.

Professional openings:
- academic career within a university; research doctors start as researchers and by means of subsequent public competitions may progress up to the juridical status of full professors (professore ordinario);
- career within public research bodies, and in research laboratories of large companies.

Further university studies: participation in post-doctoral research projects.









Teaching program

Faculty of Arts and Philosophy

6 undergraduate courses in:

- Oriental and Classical Studies
- Modern Arts
- Philosophical Studies
- Modern Languages and Cultures
- Psychological Studies and Techniques
- Cultural Heritage Studies

10 postgraduate courses in:

- Philosophical Theories
- Archivekeeping, and Librarianship
- History of Art
- Theoretical and Applied Linguistics
- Modern Philology
- European and American Cultures
- Classical Archaeology
- Philology and Classical Literatures
- Psychology
- History and Civilization of the Ancient World




Faculty of Economics

3 Undergraduate course in:

- Business Economics
- Economics
- Marketing and E-Business

4 Postgraduate course in:

- Economics and Business Management
- Economics and Business Law
- Economics
- Finance





Faculty of Engineering

- 9 Undergraduate course in:
 - Territorial and Environmental Engineering,
 - Territorial and Environmental Engineering (based in Mantova)
 - Civil Engineering,
 - Electric Engineering,
 - Telecommunications and Electronic Engineering,
 - Information Engineering,
 - Information Engineering (based in Mantova)
 - Biomedical Engineering
 - Mechanical Engineering
- 1 Undergraduate courses (5-year-long curricula) in:
 - Architecture and Building Engineering
- 6 Postgraduate course in:
 - Territorial and Environmental Engineering
 - Biomedical Engineering
 - Civil Engineering
 - Electric Engineering
 - Electronic Engineering
 - Information Engineering

Faculty of Law

- 1 Undergraduate course in Law Sciences
- 1 Undergraduate course in Law (5-year long curriculum)



Faculty of Mathematics, Physics and Natural Sciences

8 undergraduate courses in:

- Mathematics
- Chemistry
- Green Chemical Technology
- Physics
- Plant Sciences
- Natural Science and Technology
- Biological Sciences
- Geology and Natural Resources

10 postgraduate courses in:

- Chemistry
- Applied Chemical Methodologies
- Industrial Biotechnologies
- Natural Science
- Applied Geological Studies
- Applied and Experimental Biology
- Mathematics
- Physical Studies
- Neurobiology

Faculty of Medicine and Surgery

1 undergraduate course in:

- Medicine and Surgery (6 year long curriculum)

1 undergraduate course in:

- Dentistry and Dental Prosthesis (5-year long curriculum)

14 undergraduate courses in:

- Nursing (based in Pavia, Lodi, Vigevano, and Treviglio)
- Obstetrics
- Physiotherapy
- Orthoptics and Ophthalmologic Assistance
- Developmental Neuropsychomotor Therapy
- Psychiatric Rehabilitation
- Occupational Therapy
- Biomedical Laboratory Techniques
- Medical Radiology and Related Imaging Techniques, and Radiotherapy
- Neurophysiopathology Techniques
- Orthopaedic Techniques
- Cardiovascular Physiopathology Techniques
- Dietetics
- Dental Hygiene
- Environmental and Workplace Prevention

3 Postgraduate course in:

- Nursing and Obstetric Sciences
- Science of Technical Health Care Professions
- Science of Technical Diagnostician Sanitarian Professions

Faculty of Musicology (based in Cremona)

2 undergraduate courses in:

Musicology
Literary Studies

2 postgraduate courses in:

Musicology
Modern Philology

Faculty of Pharmacy

1 Undergraduate course in Herbal Techniques

2 Undergraduate courses (5-year-long curricula) in:
Chemistry and Pharmaceutical Technologies
Pharmacy

Faculty of Political Sciences

3 undergraduate courses in:

Political Science
Government and Administration
Social Science for Co-operation and Development

3 postgraduate courses in:

Political Theory
Afro-Asian Studies
Local Administration and Government

Interfaculty Undergraduate Courses

4 undergraduate courses in:

Biotechnologies
(faculties of Mathematics, Physics and Natural Science, Chemistry, and
Medicine)

Multimedia and Intercultural Communication

(faculties of Arts and Philosophy, Law, Political Science, and Engineering)

Physical Education and Sports

(based in Voghera – faculties of Medicine, Surgery, and Engineering)

Preventive and Adapted Motor Activity

(faculties of Medicine, Surgery, and Engineering)

Scientific Information about Medicine

(faculties of Pharmacy and Medicine and Surgery)



8 postgraduate courses in:

Pharmaceutical and Medical Biotechnologies

(faculties of Medicine, Surgery, and Pharmacy)

Publishing and Multimedia Communication

(faculties of Arts, Engineering, Law, and Political Science)

Economics, Politics, and International Institutions

(faculties of Political Science, and Economics)

International and Economic Integration

(faculties of Economics, and Political Science)

Management and E-business Technologies

(faculties of Economics, and Engineering)

Modern and Contemporary History of Europe

(faculties of Political Science and Arts and Philosophy)

Preventive and Adapted Motor Activities

(faculties of Medicine and Surgery and Engineering)

Science and Management of Sports and Motor Activities

(faculties of Medicine and Surgery and Engineering)

Inter-University Courses

1 undergraduate course in Mechanical Engineering

(in co-operation with the Polytechnic Institute of Milan)



Specialization Schools

Allergology and Clinical Immunology - Prof. Marcello Imbriani

Fondazione "Maugeri" - I^a Sez. di Medicina del Lavoro

Via Maugeri, 10 - Pavia - Ph + 39 0382 592255/592216

Anaesthesiology and Reanimation - Prof. Antonio Braschi

Sez. Anestesia e Rianimazione - Policlinico S. Matteo

Viale Golgi, 19 - Pavia - Ph + 39 0382 503477

Cardiology - Prof. Peter Schwartz

Sez. di Cardiologia - Policlinico San Matteo

Viale Golgi, 19 - Pavia - Ph + 39 0382 526061

Cardiosurgery - Prof. Mario Viganò

Divisione di Cardiochirurgia - Policlinico San Matteo

Viale Golgi, 19 - Pavia - Ph + 39 0382 502298

Childrens' Neuropsychiatry - Prof. Giovanni Lanzi

Fondazione "Ist. Neurologico C. Mondino" Dip. di Scienze Neurologiche

Via Palestro, 3 - Pavia - Ph + 39 0382 380203

Clinical Biochemistry - Prof. Remigio Moratti

Dipartimento di Biochimica

Viale Taramelli, 3/b - Pavia - Ph + 39 0382 987226

Clinical Pathology - Prof. Vanio Vannini

Dip. di Medicina Sperimentale - Sez. di Patologia Generale

Piazza Botta, 10 - Pavia - Ph + 39 0382 986333/986331

Dermatology and Venereology - Prof. Giovanni Borroni

Clinica Dermatologica - Policlinico San Matteo

Viale Golgi, 19 - Pavia - Ph + 39 0382 503813/528451

Diseases of the Respiratory Systems - Prof. Ernesto Pozzi

Clinica di Malattie dell'Apparato Respiratorio - c/o Padiglione Forlanini

Policlinico San Matteo - Viale Taramelli, 5 - Pavia - Ph + 39 0382 422232

Endocrinology and Turnover Diseases - Prof. Luca Chiovato

Fondazione S. Maugeri

Via S. Maugeri, 10/10A - Pavia - Ph + 39 0382 468724 - 592243/592240

Forensic Medicine - Prof. Fabio Buzzi

Dip. di Medicina Legale e Sanità Pubblica

Via Forlanini, 12 - Pavia - Ph + 39 0382 987824/987800

Gastroenterology - Prof. Gino Roberto Corazza

Clinica Medica I - Cattedra ed unità operativa di gastroenterologia,

Policlinico San Matteo - Viale Golgi, 19 - Pavia - Ph + 39 0382 502973

General Surgery (General Surgery) - Prof. Eugenio Forni

Clinica Chirurgica - Policlinico San Matteo

Viale Golgi, 19 - Pavia - Ph + 39 0382 502519/526216

General Surgery II (Urgency Surgery) - Prof. Paolo Dionigi
Istituto di Chirurgia Epato-pancreatica - Policlinico S. Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 502589

General Surgery III (Urgency Surgery) - Prof. Luigi Bonandrini
Sezione di Chirurgia - Clinica Città di Pavia
Via Parco Vecchio, 27 - Pavia - Ph + 39 0382 433666/572752

Geriatrics - Prof. Sebastiano Bruno Solerte
Cattedra di Geriatria c/o Istituto Santa Margherita
Via Emilia 12 - Pavia - Ph + 39 0382 381234/468724

Gynaecology and Obstetrics - Prof. Franco Polatti
Clinica Ostetrica e Ginecologica - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 526215

Haematology - Prof. Mario Lazzarino
Sez. di Ematologia - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 503595

Hydrology - Prof. Plinio Richelmi
Sez. di Farmacologia e tossicologia cellulare e molecolare
P.zza Botta, 10 - Ph + 39 0382 5066343/4

Hygiene and Preventive Medicine - Prof. Gabriele Pelissero
Sez. di Igiene - Dip. di Medicina Preventiva Occupazionale e di Comunità
Via Forlanini, 2 - Pavia - Ph + 39 0382 987298

Infective Diseases - Prof. Lorenzo Minoli
Dipartimento di Malattie Infettive - Policlinico San Matteo
Viale Taramelli, 5 - Pavia - Ph + 39 0382 502661

Internal Medicine - Prof. Roberto Fogari
Medicina interna, malattie vascolari e metaboliche - Policlinico S. Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 526217

Medical Genetics - Prof. Orsetta Zuffardi
Dipartimento Patologia Umana ed ereditaria - Sez. di Biologia Generale
Via Forlanini, 14 - Pavia - Ph 0382 987521/987733

Medical Toxicology - Prof. Luigi Manzo
Sez. Tossicologia clinica del Dip. Di Medicina Interna e Ter. Medica
Piazza Botta, 10 - Pavia - Ph + 39 0382 26261/986357

Microbiology and Virology - Prof. Laura Pagani
Sez. Microbiologia del Dipartimento di Scienze Morfologiche, Eidologiche e
Cliniche - Via Brambilla 74 - Pavia - Ph + 39 0382 5484202

Nephrology - Prof. Antonio Dal Canton
Sez. di Nefrologia del Dipartimento di Medicina Interna e terapia medica
Policlinico San Matteo - Viale Golgi, 19 - Pavia - Ph + 39 0382 422037

Neurology - Prof. Vittorio Cosi

Fondazione "Ist. Neurologico C. Mondino" Dip. di Scienze Neurologiche
Via Palestro, 3 - Pavia - Ph + 39 0382 380203

Neurophysiopathology - Prof. Arrigo Moglia

Fondazione "Ist. Neurologico C. Mondino" Dip. di Scienze Neurologiche
Via Palestro, 3 - Pavia - Ph + 39 0382 380203

Neurosurgery - Prof. Cesare Arienta

Sez. di Clinica Neurochirurgica - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 502780

Nutrition Science - Prof. Carla Roggi

Dip. di Scienze Sanitarie Applicate e Psicocomportamentali -
Cascina Cravino - Via Bassi, 21 - Pavia - Ph + 39 0382 987545

Occupational Health Ist School - Prof. Stefano Candura

Fondazione "Maugeri" - Sez. di Medicina del Lavoro
Via Maugeri, 10 - Pavia - Ph + 39 0382 592255/592216

Occupational Health IInd School - Prof. Alessandro Cavalleri

Sez. di Medicina del lavoro II e Medicina Preventiva dei lavoratori
Via Boezio, 24 - Pavia - Ph + 39 0382 35442

Oncology - Prof. Alberto Riccardi

Sez. di Medicina Interna e Oncologia Medica - Policlinico S. Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 526284/502580

Ophthalmology - Prof. Paolo Emilio Bianchi

Clinica Oculistica - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 526213

Orthognathodontics - Prof. Giuseppe Sfondrini

Dipartimento di discipline odontostomatologiche "Silvio Palazzi"
Policlinico San Matteo - Viale Golgi, 19 - Pavia - Ph + 39 0382 516211/516204

Orthopaedics and Traumatology - Prof. Francesco Benazzo

Sez. Clinica Ortopedica e Traumatologica - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 526294

Otorhinolaryngology - Prof. Eugenio Mira

Clinica Otorinolaringoiatrica - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 526218/526239

Paediatric Surgery - Prof. Giorgio Rondini

Chirurgia Pediatrica - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 526269

Paediatrics - Prof. Giorgio Rondini

Dipartimento di Scienze Pediatriche - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 526269



Pathological Anatomy - Prof. Umberto Magrini

Dip. di Patologia Umana ed Ereditaria - Sez. di Anatomia Patologica
Via Forlanini, 16 - Pavia - Ph + 39 0382 528474/503612

Pharmacology - Prof. Gianmario Frigo

Dip. di Medicina Interna - Sez. di Farmacologia clinica e sperimentale
P.zza Bottà, 10 - Pavia - Ph + 39 0382 986357/986353

Physical Medicine and Rehabilitation - Prof. Elena Dalla Toffola

Servizio di Recupero e Rieducazione Funzionale - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 502083

Plastic and Reparative Surgery - Prof. Angela Faga

Dip. di Chirurgia - Via Aselli, 45 - Pavia - Ph + 39 0382 526091/592220

Psychiatry - Prof. Fausto Petrella

Dipartimento di Scienze sanitarie applicate e psicocomportamentali
Via Bassi, 21 - Pavia - Ph + 39 0382 987246

Psychology of the life cycle - Prof. Adriano Pagnin

Dip. di Psicologia - P.zza Bottà, 6 - Pavia - Ph + 39 0382 986277/986274

Radiodiagnosics - Prof. Fabrizio Calliada

Sezione di Radiologia - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 503736/503761

Radiotherapy - Prof. Vanio Vannini

Sezione di Radiologia - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 503736/503761

Rheumatology - Prof. Carlomaurizio Montecucco

Reumatologia - Reparti speciali - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 501878

Sanitary Statistics - Prof. Alessandra Marinoni

Dip. di Scienze Sanitarie Applicate - Via Bassi, 21 - Pavia - Ph + 39 0382 987543

Sport Medicine - Prof. Roberto Bottinelli

Dip. di Medicina Sperimentale - Sez. di Fisiologia Umana
Via Forlanini, 6 - Pavia - Ph + 39 0382 987518

Thoracic Surgery - Prof. Eugenio Forni

Clinica chirurgica generale e toracica - Policlinico San Matteo
Viale Golgi, 19 - Pavia - Ph + 39 0382 502519/526216

Tropical Medicine - Prof. Gaetano Filice

Clinica Malattie Infettive e Tropicali - Policlinico San Matteo
Viale Taramelli, 5 - Pavia - Ph + 39 0382 502674/502691

Urology - Prof. Stefano Tinozzi

Chirurgia generale gastroenterologica e mammaria
Policlinico San Matteo - Viale Golgi, 19 - Pavia - Ph + 39 0382 502504/502536

Vascular Surgery - Prof. Attilio Odero

Dip. di Scienze Ematologiche, Pneumologiche Vascolari - Sez. di Chirurgia Vascolare - Policlinico San Matteo - Viale Golgi, 19 - Pavia - Ph +39 0382 527959



Master courses

First level Masters

Research into Society, Market and Territory

Organized by: Department of Statistics and Applied Economics (Dipartimento di Statistica e Economia Applicate "L. Lenti"), Faculty of Political Sciences.

Objectives. This Masters is designed to train students in the analysis and quantitative assessment of marketing problems, in the study of society and measurement of information affecting the territory and is concerned with ensuring that those awarded the degree will be able to provide co-ordination or consultancy skills in the field of market research and marketing as carried out by public or private agencies, companies and other organisations, with particular reference to the analysis and evaluation of socio-economic variables affecting the territory.

Duration and attendance. This is a one-year 1500-hour University Masters articulated into lessons, exercises, seminars, individual and personal study activities and periods of on-site vocational training. Minimum compulsory attendance: 75% of the total hours.

Admission requirements. Any first level degree, in any discipline. The Master provides for an initial "homogenizing" study pathway whose objective is to ensure equivalent basic knowledge and study skills among the participants vis-à-vis issues relating to economics, management of companies and statistical analysis.

Nursing and Obstetric

Organized by: Faculty of Medicine and Surgery.

Objectives: the Masters is designed to create qualified nursing and obstetric personnel capable of carrying out student tutoring functions for three-year degree courses, including classroom teaching and periods of vocational training. Tutoring has a major importance in the current training process and to be effective, requires the acquisition of knowledge and specific skills at an adequate level.

Duration and attendance. This is a one-year 1500-hour University Masters articulated into lessons, exercises, seminars, practical or laboratory activities, on-site vocational training, individual and personal study activities. Minimum compulsory attendance: 75%.

Admission requirements.

A three-year degree in Nursing or Midwifery or other qualification considered valid under current legislation for admission to a Masters degree at this level, together with an upper secondary school-leaving certificate.

www.unipv.it/webesami/welcome.htm



Second level Masters

Faculty of Arts and Philosophy

Careers Guidance Co-Ordinators

Faculty of Economics

Business Organisation and Information Technologies
Economics and Management of non-Profit Organisations

Faculty of Engineering

System Engineering and Services for the Territory and the Environment
Seismic Engineering and Seismology
Quality and Safety Management in Construction

Faculty of Medicine and Surgery

Advanced Physiological and Pathological Neonatology and Neonatal Therapy
Hygiene Safety and Quality of Foodstuffs
Assessment and Control of Toxicological Risks arising from Environmental Pollution
Tutoring in Nursing and Obstetrics
Non-Invasive Robotic Valve Reconstruction Techniques in Cardiology
Advanced Techniques in Clinical Neurophysiology
Medical Acupuncture and Chinese Phytopharmacology

Faculty of Pharmacy

Preformulation and Galenic Development
Pharmaceutical Technologies and Regulatory Activities
Planning and Development of Drugs
Marketing Management in the Pharmaceutical Sector

Faculty of Political Sciences

Research on Society, Marketing and Territory

Faculty of Sciences

Regulatory Disciplines



Research Doctorates - PhD

Mathematical and IT Sciences

Matematica e statistica (Mathematics and Statistics)

Admission requirements. A second level degree in scientific areas (Physics, IT, Economics and not strictly mathematics).

Study areas. The Research Doctorate is divided into two study areas: Mathematics and Scientific Calculation; Probability and Statistics.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 8 months abroad. Number of places available: 8. Attendance is compulsory.
www-dimat.unipv.it/~matstat/

Physical Sciences

Fisica (Physics)

Admission requirements. A second level degree or equivalent qualification.

Study areas. Physics of Matter; Nuclear and Subnuclear Physics; Theoretical Physics and Mathematical Physics.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 18 months abroad. Number of places available: 25. Attendance is compulsory.
http://dottorato-fisica.pv.infn.it/eng_Home.htm

Chemical Sciences

1) Chimica e tecnologia farmaceutiche (Chemistry and Pharmaceutical Technology) 2) Scienze chimiche (Chemical Sciences).

1) Chemistry and Pharmaceutical Technology

Admission requirements. A second level degree in Pharmacy, Chemistry and Pharmaceutical Technologies, Chemistry, Biological Sciences and Natural Sciences.

Study areas. Pharmaceutical applications; Pharmaceutical chemistry; Pharmaceutical analysis.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 18 months abroad. Number of places available: 6. Attendance is compulsory.
chifar.unipv.it/didatt/or_Dott_ric.htm

2) Chemical Sciences

Admission requirements. A second level degree in Chemistry or Industrial Chemistry.

Study areas. Chemistry and physical Chemistry of Materials, Synthesis, structure and reactivity of organic and inorganic Molecules, Advanced analytical Methods.

Duration and attendance. This is a three-year doctorate, with the

possibility of spending 18 months abroad. Number of places available: 12. Attendance is compulsory.

www.unipv.it/genchem/

Earth Sciences

Scienze della terra (Earth Sciences)

Admission requirements. A second level degree in Geological Sciences, Natural Sciences, or Chemical Sciences, Natural Sciences, Environmental and Territorial Sciences and Technologies, Geological Sciences.

Study areas. The Doctorate has 9 study areas: Palaeontology and Palaeoecology (Geological Area); Stratigraphic Geology and Sedimentology (Geological Area); Structural Geology (Geological Area); Petrology and Petrography (Chemistry and Physics of Geological Materials Area); Geochemistry and Vulcanology (Chemistry and Physics of Geological Materials Area); Mineralogy (Chemistry and Physics of Geological Materials Area); Mineral Geo-resources and mineralogical and petrographical applications for the environment and cultural goods (Chemistry and Physics of Geological Materials Area); Applied Geology (Applied Earth Sciences Area); Physical Geography and Geomorphology (Applied Earth Sciences Area).

Duration and attendance. This is a three-year doctorate, with the possibility of spending 18 months abroad. Number of places available: 6. Attendance is compulsory.

manhattan.unipv.it

Biological Sciences

- 1) **Biochimica (Biochemistry)**
- 2) **Biologia cellulare (Cell biology)**
- 3) **Ecologia sperimentale e geobotanica (Experimental ecology and geobotany)**
- 4) **Scienze fisiologiche e neuroscienze (Physiological sciences and neurosciences)**
- 5) **Scienze genetiche and biomolecolari (Genetic and biomolecular sciences)**

1) Biochemistry

Admission requirements.

A second level degree in Biological Sciences, Medicine and Surgery, Pharmacy, Chemistry and Pharmaceutical and Chemical Biotechnologies, Veterinary Medicine or Agrarian Studies or Biology, Agrarian Biotechnologies, Industrial Biotechnologies, Medical Veterinary and Pharmaceutical Biotechnologies, Pharmacy and Industrial Pharmacy, Biomedical Engineering, Medicine and Surgery, Veterinary Medicine, Chemical Sciences.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 18 months abroad. Number of places available: 8. Attendance is compulsory.

www.unipv.it/max3/welcome.htm

2) Cell biology

Admission requirements. A second level degree in Biological Sciences and Natural Sciences, Biological Sciences, Neurobiology, Sciences and Technologies for Nature, Biotechnologies; Chemistry and

Pharmaceutical Technologies, Medicine and Surgery, Veterinary Medicine or an equivalent qualification awarded by a foreign university.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 6 months abroad. Number of places available: 6. Attendance is compulsory.

www.unipv.it/webbio/badoff.htm

3) Experimental ecology and geobotany

Admission requirements. A second level degree in Natural Sciences, Biological Sciences, Environmental Sciences, Agrarian Sciences, Forestry Sciences or equivalent qualifications. Aptitude for research in one of the study areas. Knowledge of English.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 18 months abroad. Number of places available: 8. Attendance is compulsory.

www.unipv.it/webesami/welcome.htm

4) Physiological sciences and neurosciences

Admission requirements. A second level degree in: Medicine and Surgery, Motor Sciences, Biological Sciences, Pharmacy, Chemistry and Pharmaceutical Technologies, Chemistry, Physics, Engineering.

Study areas. The Research Doctorate will be organized in terms of the following study areas and training pathways: 1. Human Physiology, Biochemistry and cell physiology, Neurosciences.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 12 months abroad. Number of places available: 12. Attendance is compulsory.

www.unipv.it/doffisio/welcome.html

5) Genetic and biomolecular sciences

Admission requirements. A second level degree in Italy or equivalent qualification awarded by a foreign university. There are extra posts, with no associated grant, reserved for those holding an assegno di ricerca and for foreign candidates resident abroad. These candidates must obtain the Selection Commission's approval of their qualifications and status.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 6 months abroad. Number of places available: 15. Attendance is compulsory.

www.unipv.it/genbiom

Medical Sciences

- 1) **Chirurgia sperimentale e microchirurgia (Experimental surgery and microsurgery)**
- 2) **Scienze farmacologiche (Pharmacological sciences)**
- 3) **Medicina interna e terapia medica (Internal medicine and medical therapy)**
- 4) **Patologia e genetica (Pathology and genetics)**
- 5) **Sanità pubblica, scienze sanitarie e formative (Public health and health sciences).**



1) **Experimental surgery and microsurgery**

Admission requirements. A second level degree in Medicine and Surgery, Biological Sciences, Dentistry. Demonstrable knowledge of English. Experience of research demonstrated by scientific publications in subjects relating to surgery or previous activities in research institutions of national or international standing.

Study areas. This PhD has 7 specific study areas: Experimental models in the field of organ transplants, Mechanisms inducing specific alloantigen immunological tolerance, Advanced technologies in surgery, Molecular bases of immune response and tolerance to neoplasms, Molecular and adoptive immunotherapy in the treatment of primitive and metastasised neoplasms, Experimental microsurgical models in reconstructive surgery, Haemodynamic monitoring and experimental anaesthesiological techniques.

Duration and attendance This is a three-year doctorate, with the possibility of spending a maximum of 24 months abroad. Number of

places available: 8. Attendance is compulsory.
www.unipv.it/webchir

2) **Pharmacological sciences**

Admission requirements. Preference is given to second level degrees in Medicine and Surgery, Pharmacy, Chemistry and Pharmaceutical Technology, Biology.

Study areas. Clinical pharmacology, Basic and molecular pharmacology, Pharmacology and pharmaceutical epidemiology.

Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 12 months abroad. Number of places available: 5. Attendance is compulsory.

www.unipv.it/webesami/welcome.htm

3) **Internal medicine and medical therapy**

Admission requirements. A second level degree in Medicine and Surgery, Pharmacy, Chemistry and Pharmaceutical Technology, Biological Sciences.

Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 12 months abroad. Number of places available: 8. Attendance is compulsory.
www.unipv.it/webesami/welcome.htm





4) Pathology and genetics

Admission requirements. A second level degree or equivalent qualification obtained in Foreign Universities.

Study areas. The Doctorate is expected to have the following study areas: Human pathology; Genetics; Experimental pathology; techniques relating to cell and molecular biology.

Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 18 months abroad. Number of places available: 5. Attendance is compulsory.
www.unipv.it/webpat

5) Public health and health sciences

Admission requirements. A second level degree.

Study areas. The Doctorate has the following study areas: Training sciences, Epidemiological sciences and medical statistics, Nutrition and dietary sciences, Psychiatric and behavioural sciences, Hygiene and preventive medicine, Forensic medicine, Occupational medicine.

Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 12 months abroad. Number of places available: 10. Attendance is compulsory.
www.unipv.it/webdssap





Engineering Area

CIVIL ENGINEERING AND ARCHITECTURE.

- 1) Ingegneria civile (Civil Engineering)
- 2) Ingegneria Edile/Architettura – UE (EU Building engineering and architecture).

INDUSTRIAL AND IT ENGINEERING

- 1) Bioingegneria e bioinformatica (Bioengineering and bioinformatics)
- 2) Ingegneria elettronica, informatica ed elettrica (Electronic, IT and electrical engineering)
- 3) Microelettronica (Microelectronics)

CIVIL ENGINEERING AND ARCHITECTURE

1) Civil engineering

Admission requirements. A second level degree.

Study areas. This Research Doctorate has four study areas: Hydraulics, Health, Seismic studies, Structural engineering.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 12 months abroad. Number of places available: 8. Attendance is compulsory.

dipmec.unipv.it/DOTT/dott.html

2) EU Building engineering and architecture

Admission requirements. Only Italian and foreign graduates with an EU approved degree, published in the European Communities Official Gazette (GUCE C351 p.39ss 4/12/1999 and subsequent

amendments) may apply for the EU Research Doctorate in Building Engineering and Architecture.

Study areas. The Doctorate is expected to have the following study areas: Evolution of typological and morphological features of architectural structures vis-à-vis their historical rationale and in relation to the natural and constructed landscape; Definition of innovative criteria for configuration, conformity and distribution of spaces as the updating of responses to man's requirements; Feasibility studies in building and construction and the role of techniques and technologies in the integral planning; Planning methods, techniques and tools for the restoration of buildings and conservation of existing works and buildings; Territory, infrastructure, landscape; sustainable planning and functional integration.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 6 months abroad. Number of places available: 5. Attendance is compulsory.

www.unipv.it/webesami/welcome.htm

INDUSTRIAL AND IT ENGINEERING

1) Bioengineering and bioinformatics

Admission requirements. A second level degree in: Biology, Economics, Arts and Philosophy, Psychology, Medicine and Surgery, Engineering and Mathematics, Physics or Nuclear Sciences.

Study areas. The Doctorate has four study areas: Medical Informatics, Bioinformatics, Biogenesis, Bioengineering.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 18 months abroad. Number of places available: 8. Attendance is compulsory.

www.labmedinfo.org

2) Electronic, IT and electrical engineering

Admission requirements. A second level degree in the following sectors: Information Engineering; Industrial Engineering; Information and IT Sciences; Physics with an experimental approach, Mathematics with an applicative approach.

Study areas. The Doctorate is expected to have the following study areas: Automation and control of processes, Electric and magnetic CAD, Digital CAD, Electricity and energy conversion,

Photonics, Lasers, Microwaves and aerials, Optoelectronics, Robotics, Optical sensors and microwaves, Electronic instrumentation, Electric power systems, Telecommunications, Remote sensing, Assessment of the performance of IT systems, Artificial vision.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 24 months abroad. Number of places available: 25. Attendance is compulsory.

www.unipv.it/webesami/welcome.htm

3) Microelettronica (Microelectronics)

Admission requirements. A second level degree in the following sectors: Information Engineering, Industrial Engineering, Science of Information and Information Technology, Physics with an experimental approach, Mathematics with an applicative approach.



Study areas. The Doctorate is expected to have the following study areas: Microelectronics, Microsystems and integrated sensors, Integrated electronic instrumentation, Power electronics, Microwave integrated circuits, Economics of innovation, Digital planning, Integrated nanostructures.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 24 months abroad. Number of places available: 20. Attendance is compulsory.
www.unipv.it/webesami/welcome.htm

Humanities Area

SCIENCES RELATING TO ANTIQUITY, PHILOLOGY, LITERATURE, HISTORY AND THE ARTS IN GENERAL

- 1) **Filologia moderna (Modern philology)**
- 2) **Lingue e Letterature Straniere Moderne (Modern foreign languages and literature)**
- 3) **Linguistica (Linguistics)**
- 4) **Musicologia e scienze filologiche (Musicology and Philological sciences)**
- 5) **Storia e civiltà del mediterraneo antico (History and Civilization of the Mediterranean in Antiquity)**

1) **Modern Philology**
Admission requirements. A second level degree in Arts or Languages.

Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 12 months abroad. Number of places available: 15. Attendance is compulsory.

www.unipv.it/webesami/welcome.htm

2) **Modern foreign languages and literature**

Admission requirements. A second level degree in Languages; critical survey skills ascertained in admission tests; competent knowledge of at least two modern foreign languages and literature; willingness to carry out study periods abroad with a maximum stay of 18 months.

Study areas. There are five study areas: English studies; Germanic Philology; French studies; German studies; Spanish studies.

Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 18 months abroad. Number of places available: 12. Attendance is compulsory.


www.unipv.it/webesami/welcome.htm

3) **Linguistics**

Admission requirements. A second level degree in Arts and Philosophy, Modern Foreign Languages and Literature, Communication Sciences, IT.

Study areas. Applied linguistics; computational linguistics;

<http://www.unipv.it/borsedot/dottorati.htm>




acquisitional linguistics and language teaching and learning theory; Historical linguistics and Indo-European studies; Semantics and pragmatics of texts; Linguistic typology; Sociolinguistics.

Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 6 months abroad. Number of places available: 6. Attendance is compulsory.

dobc.unipv.it/linguistica

4) Musicology and philological sciences



Admission requirements. The preferential requisite for the admission to the course is the possession of a degree, including degrees obtained abroad, in Musicology, in DAMS, in the Science of musical goods, Arts, Philosophy, or other humanities or science disciplines, provided the course of studies has featured strong musical interests, preferably with a thesis on a musical subject. A thorough technical and musical preparation, obtained through studies in a music conservatory or through private studies, is also essential.

Study areas. Musical Dramaturgy; Musical Philology; Organology and musical iconography; History of the musical theories.

Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 18 months abroad. Number of places available: 10. Attendance is compulsory.

musicologia.unipv.it/dottorato/index.html

5) History and civilization of the Mediterranean in Antiquity

Admission requirements. No specific prerequisites are foreseen, other than a second level degree and basic skills in some of the fields of study of the Research Doctorate, which will in any case be verified during the admission tests.

Study areas. The Doctorate has four study areas: History and civilization of the Mediterranean in Antiquity: from the middle period of the Bronze Age to the Great Eastern Empires (second millennium B.C. - 6th Century B.C.); History and civilization of the Mediterranean in Antiquity: from the birth of polis in the Greek world to the Alexandrine Empire (8th-4th Century B.C.); History and civilization of the Mediterranean in Antiquity: the Hellenic Age (Third century B.C. to the Second Century A.D.); History and civilization of the Mediterranean in Antiquity: the Roman Empire till Constantine.





Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 6 months abroad. Number of places available: 6. Attendance is compulsory.

dobc.unipv.it/dipscant/index.html

Historical, Philosophical, Pedagogical and Psychological Sciences

- 1) **Filosofia (Philosophy)**
- 2) **Istituzioni, idee, movimenti politici nell'Europa contemporanea (Institutions, ideas, political movements in contemporary Europe)**
- 3) **Psicologia (Psychology)**

1) Philosophy

Admission requirements. 4-year or 5-year degree in Italy, or equivalent qualification achieved abroad.

Study areas. The Doctorate has 8 study areas: History of philosophical thought in Antiquity, History of the mediaeval philosophical thought, History of the modern philosophical thought and contemporary history of scientific thought, Theories of language and knowledge, Logical, epistemological and cognitive theories, Ethics and philosophy of morals, Political philosophy, Aesthetic theories.

Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 18 months abroad. Number of places available: 8. Attendance is compulsory.

lettere.unipv.it/dipfilo

2) Institutions, ideas, political movements in contemporary Europe

Admission requirements. A second level degree.

Study areas. The Doctorate is expected to have the following study areas: Constitutions and administrations; History of federalism and European integration.

Duration and attendance.

This is a three-year doctorate, with the possibility of spending a maximum of 6 months abroad. Number of places available: 8.

dobc.unipv.it/dottorati/

3) Psychology

Admission requirements. A second level degree.

Study areas. General psychology and psychobiology; Psychology of development and education, social and occupational psychology.



ULTIMO_domenica



Duration and attendance. This is a three-year doctorate, with the possibility of spending a maximum of 12 months abroad. Number of places available: 8. Attendance is compulsory.

www.unipv.it/webpsyco

Juridical, Political, Economic Area

JURIDICAL SCIENCES

- 1) **Diritto privato (Public Law)**
- 2) **Diritto pubblico (Private Law)**
- 3) **Diritto romano e cultura giuridica europea (Roman law and European legal culture)**
- 4) **Giustizia penale, giustizia internazionale e diritti fondamentali (Criminal justice, international justice and fundamental rights).**

1) Private Law

Admission requirements. Degree in Law.

Study areas. The Research Doctorate is divided into three study areas: Intellectual property and competition; The right to work and industrial relations; Civil law.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 6 months abroad. Number of places available: 6. Attendance is compulsory.

ubertazzi.unipv.it/it/dottorato/dottoratopriv.html

2) Public Law

Admission requirements. A second level degree in Political Sciences, Administration Sciences, Law, Economics.

Study areas. The Research Doctorate is divided into four study areas: General theory of Italian and European public law; Constitution and constitutionalism, Forms of State and Government, Public administration and citizenship.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 3 months abroad. Number of places available: 5. Attendance is compulsory.

studipolgiur@unipv.it

3) Roman law and European legal culture

Admission requirements. Second level degree.

Study areas. The Research Doctorate is divided into four study areas:

1. Roman law: Roman private, public and criminal law; history of sources; history of legal thought; Late Empire law; Byzantine law
2. Juridical experience in the medieval period from the end of the Roman Empire to the beginning of the Renaissance:





Roman and Barbarian Kingdoms; the Langobard and Carolingian periods; the Church and the homogeneous nature of European cultures; Lex romana and its praxis.

3. Teaching of ius civile in European universities: the Glossators and Commentators; the Scuola Culta; iusnaturalism.

4. Roman Law in legal systems and their systematisation: expository methods and systems; Roman expository systems; rationalising and codifying trends; the Pandectistic school of law.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 12 months abroad. Number of places available: 6. Attendance is compulsory.

www.unipv.it/webesami/welcome.htm

4) Criminal justice, international justice and fundamental rights

Admission requirements. Degree in Law.

Study areas. The Research Doctorate is divided into three study areas: International and European Union law, Criminal procedure law, Criminal law.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 6 months abroad. Number of places available: 6. Attendance is compulsory.

giupint.unipv.it

Economic and Statistical Sciences

1) **Economia aziendale (Business administration)**

2) **Economia politica e finanza pubblica (Political economy and public finance)**

1) **Business administration**

Admission requirements. A second level degree in one of the disciplines included under the rules for admission.



Duration and attendance. This is a three-year doctorate, with the possibility of spending 18 months abroad. Number of places available: 6. Attendance is compulsory.

www.unipv.it/webesami/welcome.htm

2) Political economics and public finance

Admission requirements. A second level degree from an Italian University or equivalent qualification awarded by foreign Universities, with a minimum mark of 105/110 points.

Study areas. The Doctorate has two study areas: Political Economics, Public Finance.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 18 months abroad. Number of places available: 20. Attendance is compulsory.

economia.unipv.it/eco-pol/dottorato_ec/dott_eco_politica.htm

Political and Social Sciences

Scienza politica e analisi comparata delle democrazie (Political science and comparative analysis of democracies)

Admission requirements. A second level degree.

Study areas. The Doctorate is expected to have the following study areas: political institutions and public communication; public politics and social state; political participation and cultures; general political theory.

Duration and attendance. This is a three-year doctorate, with the possibility of spending 4 months abroad. Number of places available: 8. Attendance is compulsory.

www.unipv.it/dottosp/

Information:

Ufficio Dottorati di Ricerca (PhD Office)

Via Ferrata, 1 - Pavia

Ph + 39 0382 985972

Fax: +39 0382 985996

www.unipv.it/webesami/welcome.htm

Centro Orientamento Universitario (Careers Guidance Centre)

Via S. Agostino, 8 - Pavia

Ph +39 0382 984218

Fax. +39 0382 984449

corinfo@unipv.it - cor.unipv.it







International activities

COIMBRA Group

The Coimbra Group is an integrated network of European Universities, aiming at promoting the concept of *Universitas* through the creation of special academic and cultural ties, the improvement of facilities, and the creation of privileged information and exchange channels. Its areas of interest are not merely European but global, involving universities in central and Eastern Europe, Africa, Latin America, and non-EU Mediterranean Countries. The Coimbra Group Charter was drawn up and signed in September 1987 during a general meeting at the University of Pavia. The group has grown from its initial 19 members to the current 34 members, among which are some of the oldest European Universities.

The University of Pavia participates in the Coimbra Group Student Exchange Network (CG SEN) together with other 17 Universities. This Exchange program is open to students from all Faculties who are regularly enrolled at least in their 4th academic year. The selected students will spend a 3-6 month period of study and research abroad during which they will work on their degree paper. It is not possible to take exams during the exchange period. Any activities carried out will be fully recognised by the home institution as an integral part of the student's University career.



Universities participating in the CG SEN:

1. Universität Graz – AT
2. Université Catholique de Louvain – BE
3. Université de Genève – CH
4. Universität Göttingen – D
5. Universität Heidelberg – D
6. Universität Jena – D
7. Julius-Maximilians-Universität Würzburg – D
8. Aarhus Universitet – DK
9. Universitat de Barcelona – ES
10. Universidad de Salamanca – ES: for students of Law, Economics, Geography, History, or Spanish Language and Literature only
11. Université de Poitiers – F
12. University of Turku – FIN
13. Åbo-Akademi – FIN
14. Eötvös Loránd University Budapest – HU
15. Università degli Studi di Pavia – I
16. Rijksuniversiteit Groningen – NL: for students of Pharmacy only
17. Universidade de Coimbra – PT
18. Uppsala Universitet – SE

Further information about the CG SEN program at:
<http://www.coimbra-group.be>





U.S.A. Exchange Program

During the last ten years the University of Pavia established a U.S.A. Students Exchange program with:
San Francisco State University (SFSU)
1600 Holloway Avenue
San Francisco, California 94132
Ph (415) 338 1293 - Fax (415) 338 6234 - www.sfsu.edu

ISEP (International Student Exchange Program)
1616 P Street NW - Suite 150
Washington, DC 20036
Ph (202) 667 8027 - Fax (202) 667 7801 - www.isep.org

Every year, the University of Pavia hosts students coming from each above mentioned University for one academic year. Students find accommodation in a University Residence.



Konstanz

The University of Pavia directly cooperates with the University of Konstanz in a Student Exchange Program that offers students of any level and degree the possibility to study and carry out research abroad.

An amount of 30 months to be divided among all applicant students is available every year. Students are exonerated from the payment of University fees in the foreign Institution. The University of Pavia offers Konstanz University students free accommodation in Pavia.

See also the University of Konstanz
<http://www.uni-konstanz.de>

ERASMUS Mundus Course

MEEES - Masters in Earthquake Engineering & Engineering Seismology

(<http://www.meees.org>)

Coordinator: **IT - Università degli Studi di Pavia - Rose School**

Other Universities involved:

UK - Imperial College London

GR - Panepistimio Patras

FR - Université Joseph Fourier Grenoble

The MEEES program aims to provide higher-level education in the field of Earthquake Engineering and Engineering Seismology. Graduate students involved in this Erasmus Mundus Masters course have the possibility of following one-year MSc programs on either Earthquake Engineering or Engineering Seismology. In addition, this Masters envisages also the possibility of students following an 18-month study program that leads to the Masters degree on Earthquake Engineering and Engineering Seismology. If following the Engineering Seismology option, students will acquire the ability to design, execute and evaluate assessments of seismic hazard for site-specific engineering projects, for earthquake loss assessments, and for emergency planning scenarios. Students following the Earthquake Engineering option will acquire the





ability to undertake seismic design of new structures and the assessment and strengthening of existing structures. The combined option of Earthquake Engineering and Engineering Seismology will enable students to acquire technical competence in both these areas. The MEEES consortium comprises four academic institutions, namely (i) the University of Pavia and its ROSE School, (ii) the University of Patras, (iii) the University of Grenoble Joseph Fourier and (iv) Imperial College London. Students must follow courses and/or carry out dissertation research projects in at least two of the first three of these institutions. Different taught modules will correspond to equally varying credits, defined according to the European Credit Transfer System (ECTS), depending on the number of work/study hours (each credit is equivalent to 25 hours of work). Masters dissertations, required for the attainment of the degree, may correspond to a number of credits varying between 12 and 24, depending on the effective duration of the research-work effort employed by the student. MEEES graduates will be awarded Masters degrees by those institutions where they obtained the minimum requirement of 24 credits (i.e. the Multiple Degree modality has been adopted). The official

language is English. Admission to the course depends mainly on academic qualifications, past professional experience, reference letters and English proficiency. Coordinator: Prof. Gian Michele Calvi - e-mail: gm.calvi@unipv.it Ph. +39 0382 516911 Info: Saverio Bioni e-mail: secretariat@meees.org Ph. +39 0382 516911

CICOPS

The University Center for International Co-operation and Development, CICOPS, was established in 1987. Its aim is to promote co-operation with Developing Countries and stimulate relations between Pavia University and the Universities of Developing Countries. This is achieved by developing all types of cultural, scientific and technical-professional co-operation (public and private) in order to broaden the study of the social and economic problems of these countries and help to solve them.

This is what CICOPS does in detail:

- collaborates in preparing and managing co-operation plans and projects;
- promotes cultural, scientific, and technical-professional training of officials and intermediate cadres from both Developing Countries and Italy, also with the aim of



helping them join international or Developing Countries bodies;

- encourages student exchanges between Pavia University and Universities in Developing Countries, with informative and cultural aims or in order to co-operate in emergency actions;
- it is involved in informing, training and orienting Italian personnel and "civil service" volunteers set to work in Developing Countries;
- if requested by the Foreign Ministry, the European Union and/ or other Bodies, it organises courses and seminars for training, qualifying and updating personnel set to work in co-operation & development departments and offices.

In the course of its activities, CICOPS co-operates with CSPE - Center for the Study of Non-European Peoples "Cesare Bonacossa" of Pavia University, and also co-operates with similar Italian and foreign institutions.

CICOPS SCHOLARSHIPS.
In November 1996 the CICOPS Technical-Scientific Committee approved an important scholarship project for researchers from Developing Countries.

It was considered that, as part of the university co-operation initiative with Developing Countries, Pavia University could offer 1-2 months scholarships to researchers from

these countries, at low cost.

This initiative was in response to needs emerging in the field of university co-operation and is a concrete contribution to improving existing scientific contacts or setting up new ones.

Researchers from Developing Countries are given priority for CICOPS scholarships but not exclusively so. Flexibility margins are advisable, providing the researchers give an important contribution in the sphere of co-operation and development. During their stay, the scholars hold seminars in their Faculties and Departments at our University and undertake research jointly with our teachers. In the past years we have had scholars from Algeria, Argentina, Brazil, Chile, China, Cuba, Czech Republic, Georgia, Guatemala, India, Iraq, Kenya, Palestine, Poland, Tunisia, Vietnam, Zimbabwe.

PEACE Program (Palestinian European American Cooperation In Education)

The University of Pavia takes part in the PEACE Program, founded in Jerusalem on November 1st 1991 and based on the right to education and culture as a universal principle.

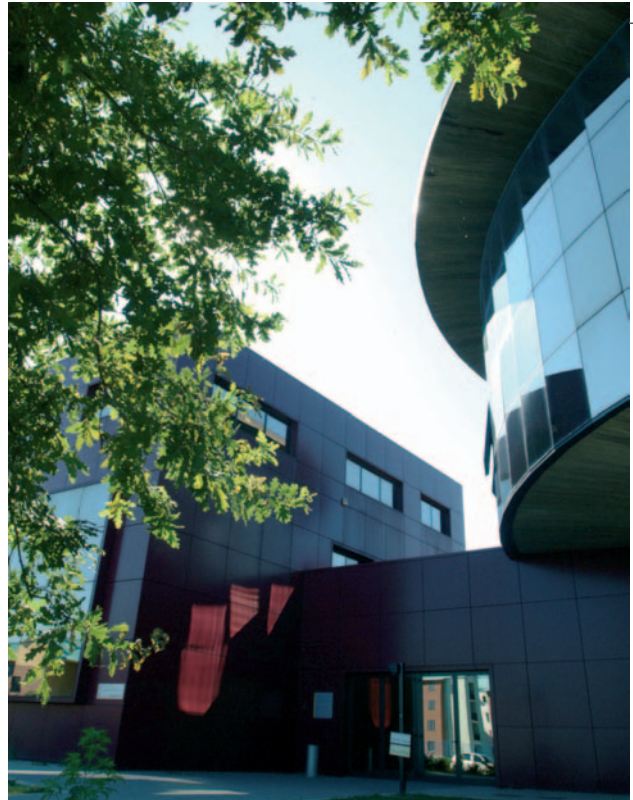
Its also represents a support



program to Palestinian Universities, under the patronage of UNESCO and the European Commission. The PEACE Program helps students and lecturers of Palestinian Universities by giving them to opportunity to continue study and research work during the closing periods of their Universities, in the spirit of academic solidarity and with the purpose of giving a valid contribution to the peace process. About thirty European Universities and six Palestinian Universities (Al-Quds, An-Najah National, Birzeit, Bethlehem, Gaza Islamic, Hebron) participate in the Program. In November 2001, our Prof. Gianni Vaggi (Faculty of Economics) was elected Vice-President of the Steering Committee of the Program.

Solidarity Fund

The University of Pavia, jointly with CICOPS, offers 5 one-year studentships to students coming from the Middle-East. Each award amounts to € 10.000. Studentships can be renewed and extended for further two years to enable the students complete their academic studies, provided the students applying for the extension meet the necessary requisites and sufficient financial resources are available.





Student services

Centro Linguistico d'Ateneo (The Language Centre)

In recent years, the University of Pavia has responded to the growth in international communication by strengthening its language-learning resources. Some thirty-odd mother-tongue foreign language experts, known as Collaboratori ed esperti linguistici, now provide language support services for staff and students alike. Students and visitors are advised to contact the technical staff in the Laboratori - Sede centrale located in the Cortile Sforzesco in the Central Campus with regard to the Centre's facilities and services, which include

· autoapprendimento, i. e. the self-access use in the Language Centre's rooms of an impressive stock of courses, exam materials, dictionaries, audio and videocassettes and DVD films relating to 50 languages. Other services provided by the Language Centre include:

- Lingua italiana per stranieri (Italian

as a foreign language). The Language Centre is an authorized centre for the CILS exam (Certificazione di Italiano come Lingua Straniera) in Italian as a foreign language. The Centre runs exam sessions in June and December leading to the CILS certificate awarded by the Università per Stranieri di Siena. The Language Centre's website also provides details, in English, of courses in Italian as a foreign language for Erasmus students.

- Lingua inglese per stranieri (English as a foreign language). The Language Centre is an authorized centre for Cambridge Assessment / UCLES and hence the PET, FCE, CAE and CPE exams.

CUS Pavia – University of Sports

The Pavia C.U.S. carries out competitive activities both in the university circuit (participation in the University National Championships and in national and international activities) and in the circuit of the National Sports





Federations in the following disciplines: Track, Canoeing, Rowing, Volleyball, Rugby, Fencing and Archery.

It organizes introductory courses aimed at recreation in: Aerobics, Soccer, Canoeing, Rowing, Physical Conditioning, Modern Dance, Fitness Mix, Swimming, Volleyball, Basketball, Pre-skiing, Fencing, Step, Stretching, Archery, Judo and Tournaments in 7-man Men's and Women's Soccer, 5-man Men's Soccer, Volleyball, Men's and Women's Beach Volley, Men's and Women's Basketball.

The activities of the C.U.S. are carried out at the Polo Cravino facilities (consisting of three multi-purpose gymnasiums, a weight-lifting room, a fencing room, a soccer/rugby field, a soccer/archery field, a field for 5-man soccer, two beach volley courts and a exercise trail with gymnastic equipment), and at the canoeing-rowing facilities on the left bank of the Ticino River.

Members can use the field for 5-man soccer and the volleyball and

basketball courts by reserving in advance while the use of the beach volley courts and the exercise trail is free. All university students can become members of the Pavia C.U.S.

More detailed information is available from the General Office of the C.U.S. in Via Bassi 9/A (zone Cravino) from Monday to Friday from 9:00 to 12:00 and also on Monday and Wednesday afternoons from 3.00 to 5.00 by phoning Ph +39 0382 422134 or by consulting the internet site: <http://cus.unipv.it/>.

Disability services

S.A.I.S.D is the Servizio di Assistenza e Integrazione Studenti Disabili i.e. the service catering for the needs of disabled students. S.A.I.S.D (Service for the Assistance and Integration of Disabled Students) was set up in the 1999/2000 academic year under the provisions of Italian legislation (Legge 17/99) and subsequent amendments (Legge 104/1992). S.A.I.S.D offers a service that is





designed to welcome disabled students to the University of Pavia, and to assist them and integrate into University life. S.A.I.S.D organizes, supports, co-ordinates and monitors all the initiatives relating to the integration of disabled students in all aspects of University life, making it possible for them to attend lessons, laboratory sessions, to get access to libraries and other university facilities.

For further information see <http://saisd.unipv.it> or write to disabili@unipv.it

Sportello per I Rinnovi del Permesso di Soggiorno (Stay Permit Renewal Office)

A special office has been set up on an experimental basis to facilitate and speed up the process of obtaining or renewing authorizations to reside temporarily

in Italy. The Office is located in via S. Agostino 1, and is open every Tuesday from 9.30 to 12.30. The service has been established under an agreement with the Questura and is designed to help teachers and students from the European Union who work for or are enrolled in the University of Pavia. The Office provides the following services:

- Information relating to the documentation required for the renewal of authorizations;
- Management on behalf of teachers and students of all the steps relating to the issue of the Permesso di Soggiorno (Stay Permit) which includes collecting the required documentation and subsequently handing it over the Questura;
- Withdrawal of the Permesso di Soggiorno directly from the Office. The service is free.





Accommodation

The College System

The University of Pavia, is among the universities that possess the most extensive Halls of Residence system in Italy. The majority of its students are housed in its 15 Halls. The most ancient ones date back to 1564 (Collegio Borromeo) and 1567 (Collegio Ghislieri), while the two most recent ones (Collegio Maino and Volta) have been founded in year 2000. The Halls are either male or female, catered or self-catered (with kitchens on each floor for student use). Most Halls admit both undergraduate and graduate students and places are offered for the academic year except Christmas and Easter vacations.

Although all Colleges are bound by University Statutes, the funding status of individual Colleges varies. Some have independent status; the majority receive core support from the regional educational authority.

Students, at the University of Pavia, are not obliged to be members of any College in order to gain admission to the University but a number of them elect to live in College. The procedures for admission and the forms of College teaching vary across Colleges and prospective applicants are advised to contact directly the College of interest.

Special housing Agencies or announces made by other students at University can be alternative accommodation solutions.





ISU - via Calatafimi, 11 - Ph + 39 0382.29218/29275 - fax 0382.29045
e-mail: segre@isu.pavia.it - <http://www.isu.pv.it> :
- Collegio Fratelli Cairoli (male) - p.zza Collegio Cairoli - Ph +39 0382.23746
- Collegio Gerolamo Cardano (mixed) - viale Resistenza, 15 - Ph +39 0382.301271
- Collegio Lazzaro Spallanzani (male) - via Ugo Foscolo, 17 - Ph +39 0382.22796
- Collegio Lorenzo Valla (mixed) - viale Libertà, 30 - Ph +39 0382.24784
- Collegio Castiglioni-Brugnatelli (female) - via San Martino, 18 - Ph +39 0382.33518
- Collegio Plinio Fraccaro (male) - p.zza Leonardo da Vinci, 2 - Ph +39 0382.301371
- Collegio Benvenuto Griziotti (mixed) - via Tavazzani 58/70 - Ph +39 0382.463761
- Residenze Golgi I e II (mixed) - via Aselli 39/43 - Ph +39 0382.510100
- Collegio Alessandro Volta (mixed) - via Ferrata, Ph +39 0382.548511
- Collegio Giasone del Maino (mixed) - via Luino, 4 - Ph +39 0382.376511

Colleges legally recognised by the Italian Ministry of University and Research (MUR):

- Collegio Borromeo (male) - p.zza Borromeo
Ph +39 0382.3951 - www.collegioborromeo.it
- Collegio Ghislieri (mixed) - p.zza Ghislieri
Ph +39 0382.37861- www.ghislieri.it
- Collegio Nuovo (female) - via Abbiategrasso, 404
Ph +39 0382.5471 - <http://colnuovo.unipv.it>
- Collegio Santa Caterina da Siena (female) - via San Martino, 17/a
Ph +39 0382.375099 - <http://www.unipv.it/SantaCaterina/>

Accommodation services

The Centro Assistenza Studenti offers a series of services to University students designed to facilitate their stay in Pavia and to encourage full participation in University life. CAI works on behalf of the University of Pavia to find lodgings and provide general support vis-à-vis accommodation for students coming to Pavia as part of the Socrates program.

Centro Assistenza Studenti
Corso Mazzini, 9 - 27100 Pavia - Ph +39 0382 539393 - Fax 0382-539393
info@centroassistentzastudenti.it - <http://www.centroassistentzastudenti.it>

The www.affittistudenti.it website, is run by Italian students on behalf of foreign and Italian students. For information: info@affittistudenti.it
For foreign students: foreign@affittistudenti.it



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Useful Addresses

Università degli Studi di Pavia

Central administration

Strada Nuova, 65 - 27100 Pavia
Ph + 39 0382 98111 - fax 0382 504529
www.unipv.it

External Relations

Ph + 39 0382.9804223
fax 0382 504287
e-mail: relest@unipv.it

Student administration offices

They are responsible for the administration of the recruitment, admission, registration and examination of all university students; for the payment of university fees; for the issue of certificates and diplomas.

Humanistic Faculties

Via S. Agostino 1 - Pavia
Ph +39 0382 98428/4/5/6/8
informastudentifacolttaumanistiche@unipv.it
Open Mon-Tue-Thu-Fri 9.30-12.00 -
Wed 13.45-16.15

Faculties: Law, Humanities,
Economics, Political sciences;
Interfaculty degrees: Multimedia
and intercultural communication,
Publishing and multimedia
communication, Economics,
Politics, and International
Institutions, International and
Economic Integration.

Scientific Faculties

Via Ferrata, 1 - Pavia
Ph +39 0382 9859.49/.54/.58
informastudentifacoltascientifiche@unipv.it
Open. Mon-Tue-Thu-Fri 9.30-12.00
Wed 13.45-16.15

Faculties: Pharmacy, Engineering,
Medicine and Surgery,
Mathematics, physics and natural

sciences; Interfaculty degrees:
Pharmaceutical and Medical
biotechnologies, Scientific
Information about medicine,
Biotechnologies, Ground water
and Hydro geological protection,
Physical Education and Sports
Technique Preventive and
Adaptive Motor Education,
E-Business Management and
Technologies; Inter-University
Courses: Mechanical Engineering.

Sport - CUS Pavia

The Centro Universitario Sportivo
CUS in Pavia provides a wide range
of sports: athletics, canoeing,
rowing, volleyball, rugby, fencing,
archery, sport for special needs
students, sail, free climbing,
basketball.

Via Bassi 9/a - Pavia
Ph +39 0382 422134
e-mail pvcus@unipv.it
web <http://cus.unipv.it/>
Mon to Thu 9.30-12.00 and
15.00-17.00 - Fri 9.30-12.00

Disability Services - Servizio di Assistenza e Integrazione Studenti Disabili - S.A.I.S.D.

Its aim is to welcome students with
disabilities and to help them in
setting within the University by
coordinating all academic services
provided to students with special
needs.

P.zza Leonardo Da Vinci 16 - Pavia
Ph+39 0382 984953
e-mail disabili@unipv.it
web <http://www.unipv.it/disabili>
Open: Mon to Fri 8.30-12.00

Centro Orientamento - C.OR.

It provides students with counselling
and vocational guidance before,

during and after the university studies; it promotes various activities such as tutoring and stages.

Via Sant'Agostino, 8 - Pavia
Ph+ 39 0382 984218
e-mail corinfo@unipv.it
web <http://cor.unipv.it>
Open: Mon-Tue-Wed, 9.30-12.30 e
14.30-16.30 - Thu-Fri 9.30-12.30

Erasmus Mobility - Ufficio Mobilità Studentesca

It coordinates the international mobility of incoming and outgoing students in the framework of the Erasmus Program; the offer of part-time campus employment for students; the organisation of leisure and cultural activities.

Via S. Agostino, 1 - Pavia
Ph +39 0382 984302
e-mail socrates@unipv.it
web <http://www.unipv.it/erasmus>
Open : Mon-Tue-Thu-Fri 9.30-12.00
Wed 13.45-16.15

International Office - Ripartizione Affari Internazionali

It coordinates the mobility of incoming and outgoing students in the framework of several international cooperation programmes.

<http://www.unipv.it/affint>
Corso Strada Nuova, 65 - Pavia
Ph +39 0382 984217
e-mail catfox@unipv.it -
web <http://www.unipv.it/affint>
Open: Mon-Fri 9.00-12.00
Mon and Wed 15.00-16.00

The Language Centre - Centro Linguistico

It provides students with language courses and multimedia support to learn foreign languages.

Corso Strada Nuova, 65 - Pavia
Ph +39 0382 984476
Web <http://www.unipv.it/ateneolingue>
Open: Mon- Fri 9.00-18.00

University Canteens

- Cravino
via A.Bassi (Ph +39 0382 422130)
- Collegio Castiglioni
via S. Martino, 18/20
(Ph +39 0382 33518)
- Collegio Fraccaro
p.zza L. da Vinci, 2
(Ph +39 0382 304048)
- Fast Food
Corso C. Alberto
(Ph +39 0382 33526)





Living in Pavia

Italy in brief

Area 301.338 Km^q
 Population 57.679.955 million
 Capital Rome
 Language Italian
 Religion Roman Catholic
 Climate Alpine, Continental, Mediterranean
 Time Zone Central European Time GMT + 1
 Political System Multy-party parliamentary democracy

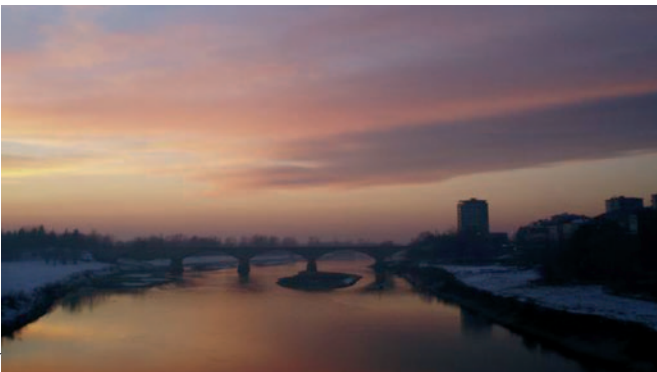
The city of Pavia

The city of Pavia was founded on the left bank of the River Ticino more than two thousand years ago. Nowadays, almost 75.000 people live in this city only 35 km far from Milan.

Pavia was founded in the 5th century B.C. as a Gaul-Ligurian village; it became a Roman colony in 89 B.C. and was called Ticinum. The city was organised in accordance with the typical structure of a Roman castrum with streets meeting at 90-degree angles - still to be appreciated in the structure of the modern city. Thanks to its favourable strategic position, controlling the area crossed by the rivers Ticino and Po, Pavia played a major political and economic role also during the late

Roman empire and the early Middle Ages, when it took on the name of Papia and retained its strength and prestige as a capital city under the Ostrogoths and, subsequently, with Langobards. Having become an independent Comune, thanks to its economic prosperity, Pavia could lay the foundations for a lively urban development and the flourishing of Romanesque art. Among churches, one the most important is St. Michael's church, regarded as the masterpiece of the Romanesque in Lombardy. The church is also known as the place where the Emperor Frederick the Red-Bearded was crowned in 1155, a few years after the church had been built.

Under the Seigniori of the Visconti family, Pavia became the focus of one of the most elegant courts of the Italian Renaissance. The Visconti Castle, was built as an armed stronghold and a lordly residence as well. The Castle has a powerful quadrangular structure and a very nice courtyard, characterized by the elegance of its architectural components and the airy porticoes and loggias. It was Gian Galeazzo Visconti (1351-1402) who founded the Chartreuse of Pavia, in 1396 - one



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of the most renowned monuments of Renaissance art in Italy. Works on the building, which stands isolated on the flatlands surrounding Pavia, continued from the end of the 14th century up to the mid-16th century and marked - together with the contemporary Cathedral of Milan - the artistic evolution in Lombardy from Gothic to Renaissance style. The area reserved for the monks started being built in the early 15th century, including cells, chapter house, scriptorium, dining hall, and vestry. The building was completed in 1542 and was also used as a "mausoleum" for the Visconti dynasty. There are also a larger cloister, containing small house-like cells where the monks lived, worked and prayed absolutely alone; guest rooms (the so-called "Duke's Palace", currently accommodating the Museum of the Chartreuse); the dormitory; a pharmacy; cellars, and storerooms for grains. The whole complex is surrounded by fields, lawns and vineyards, which once were attended to by the monks. Inside, the church hosts valuable paintings, sculptures and decorations such as the paintings and frescoes by Ambrogio Bergognone, Bernardino Luini, Daniele Crespi and Cerano, the

stained-glass windows, the famous ivory polyptic by Baldassare degli Embriachi, the marble tombs of Ludovico il Moro and Beatrice d'Este (Cristoforo Solari) and Gian Galeazzo Sforza (Gian Cristoforo Romano).

During the Sforza seignory in Pavia, as well as major public buildings such as the first core of the University, the Cathedral started being built. The building of the latter monument covered one of the longest time spans ever in the history of Italian architecture and was especially complex; great masters such as Bramante and Leonardo gave their contribution to it. Works started in 1488 under the architectural direction of Cristoforo Rocchi, who was subsequently replaced by Giovanni Antonio Amadeo and Gian Giacomo Dolcebuono. The dome of the imposing building, which Ascanio Sforza wanted to be built in the centre of the city, is the third largest in Italy - only the dome of St. Peter's and the Cathedral of Florence being larger. The imposing plan of the church, in which an octagon-shaped core covered by the dome is merged with a longitudinal body consisting of a nave and two aisles, is unanimously attributed to Donato Bramante,



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who also designed the crypt (completed in 1492) probably modeling it after some Roman monuments. The importance attained by this building led also Francesco di Giorgio Martini and Leonardo to Pavia, in 1490; Leonardo's many drawings and sketches for composite buildings with a central core show many similarities with the plan of the Cathedral at Pavia. When the city fell under Spanish political influence, it was strengthened by ramparts and bulwarks that made it impregnable. In the early 18th century Pavia became a part of the Hapsburg domains; building activities newly flamed up and the city was embellished by late-Baroque and Neoclassical palaces. Nowadays tourists and visitors get impressed by Pavia's historical and artistic heritage: the Castello Visconteo with its Park, the Romanesque church of S. Pietro in Ciel d'Oro, dating back to the 12th century preserves the bodies of the two philosophers St. Augustine and Severino Boezio and of the Longobard king Liutprand. The main theatre, Teatro Fraschini (1771-

1773) and the buildings of the central part of the University officially founded in 1361 by the Visconti family, are both built along Strada Nuova (the ancient Roman road running north to south). The Crypt of S. Eusebio (11thC) still connected with a 7thC Arian cathedral and three Medieval Towers are in Piazza Leonardo da Vinci, right behind the main University entrance. The City Hall Palazzo Mezzabarba was built in the 18thC in Corso Mazzini (the Roman road running east to west), by G.A.Veneroni. Piazza della Vittoria is the heart of Pavia where the Broletto (12th 13thC) residence of the Municipality up to 1875 is set. A lot of churches make Pavia artistically beautiful: the Gothic church of S. Maria Del Carmine, the late-Romanesque S. Teodoro and, not far from the river the 12th C S. Michele. The Ponte Coperto (covered bridge) is the reconstruction of the fourteenth-century bridge that was destroyed during the last war bombing and it leads to Borgo Ticino. The Romanesque churches of S. Lanfranco and S. Lazzaro end this worthy visiting list.



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How to get to Pavia

Planes

Pavia used to have an airport in the days of flying boats, but now relies on its proximity to Milan (just 35kms south of Milan) and excellent road and rail connections with Milan and hence with the outside world.

The international Milan airports are Milano Linate and Malpensa.

Railway

With the exception of Genova, where Pavia is the last major stop before reaching Milan on the Milan-Genova line, surface transport from airports to Pavia usually requires you to catch a train from Milan Central Station to Pavia going towards Genova/Nice/La Spezia. The trip takes about 25-35 minutes according to train and time of day.

Transports in Pavia

BUS

The bus service covers the entire city of Pavia and its outskirts. Uni-pass cards are available for the University students. Uni pass Cards can be purchased at the Line office in Corso Carlo Alberto or in

via Donegani; tickets at the bus station, in via Trento e Trieste, and also at tobacco shops and newsagents.

Information: LINE SpA
Ph. + 39 0382.469293
www.lineservizi.it/

Taxi

- Piazza della Stazione (Railway Station Square)
Ph. +39 0382 27439
- Piazza della Vittoria (Central Square)
Ph. + 39 0382 29190
- Piazzale Golgi ("San Matteo" Hospital)
Ph. + 39 0382 526288

Hotels in Pavia

Hotel Excelsior
Piazzale della Stazione, 5
Ph. + 39 0382 28596/26030

Hotel Moderno
Viale Vittorio Emanuele, 41
Ph. + 39 0382 303401
Fax 0382 25225

Hotel Rosengarten
Via Lombroso, 21/23
Ph. + 39 0382-526312
Fax 0382-525186



Theatres

Istituzione Teatro Gaetano Fraschini

Corso Strada Nuova, 136
Ph +39 0382 371214/371202
Call Center: 199 112 112
fraschini@comune.pv.it
www.teatrofraschini.it

Motoperpetuo

Viale Campari, 72
Ph + 39 0382 572629
motoperpetuo@tin.it
www.motoperpetuo.otg

Museums

Musei civici

Piazza Castello
Castello Visconteo
Ph +39 0382 33853
Open: tue-sat.: 9.00-13.30
sun: 9.00-13.00
Monday closed
www.museicivici.pavia.it

Museo della tecnica elettrica

Via Ferrata
Ph + 39 0382 985250/985252
Fax: + 39 0382 422276
www.unipv.it/museotecnica

Museo di Archeologia

Strada Nuova, 65
Ph +39 0382 984497/4425
Fax: 0382 984526
ppp.unipv.it/musei/pagine/
Archeo/archeo.htm

Museo per la Storia dell'Università

Strada Nuova, 65
Ph + 39 0382 984709
Fax: + 39 0382 29724
museo.storico@unipv.it
Open: Mon 15.30 - 17 / Fri 9.30 - 12
ppp.unipv.it/musei/pagine/
StoriaUni/storiauni.htm

Museo di Storia Naturale

Via Guffanti; Piazza Botta, 9
Ph + 39 0382 986308
Fax: + 39 0382 986290

Orto botanico (Botanic garden)

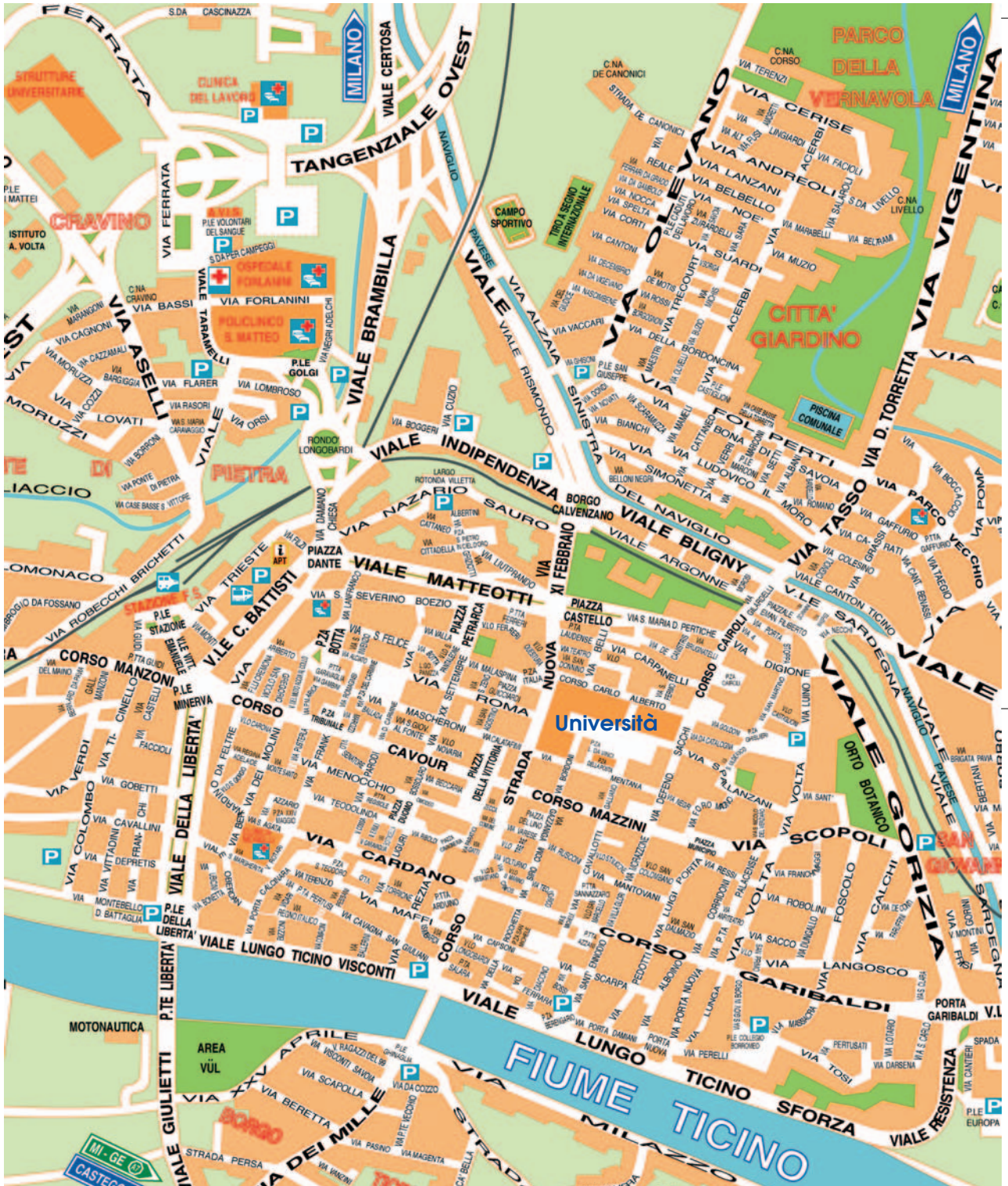
via S. Epifanio, 14
Ph +39 0382 984855/4842
Fax: 0382 34240
Open 8.30/12.00; 14.30/17.00.
Guided tours: "Amici dell'Orto
Botanico", Ph + 39 0382 22534
et2.unipv.it/homepage/orto/
homeort.html

Museo di Mineralogia

Dipartimento di Scienze della Terra,
Via Ferrata, 1
Ph +39 0382 985873
Fax: +39 0382 985890
Open mon-thur 14.00-17.00,
fri 9.00-12.00

Museo di Anatomia

Dipartimento di Medicina
sperimentale, Sezione di Anatomia
umana
via Forlanini, 8
Ph + 39 0382 987647
Fax: 0382 422117



Map of Pavia





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