# WE BELONG

**UNIVERSITY OF PADOVA** 

**YEAR 2017** 

# FOUNDED IN 1222

# THE UNIVERSITY

#### THE SPIRIT OF GALILEO

It was a handful of students, almost eight centuries ago, who founded one of the first universities in Europe: 1222 marked the birth of the University of Padova, destined to welcome teachers such as Galileo Galilei and Andreas Vesalius, and students like Francesco Guicciardini and Carlo Goldoni.

Today, Padova is among the foremost Italian universities, in terms of size and of educational quality. In 2015, the establishment had an income of 537 million euros, with only 58% of the total provided by state funding. Its excellence in the area of research is acknowledged by the National Agency for University Evaluation (Anvur 2017), which placed Padova at the top of the national rankings for major universities. In addition to the 173 degree courses and a wide range of post-graduate training options, there is also the Galilean School of Higher Education, which offers a programme of excellence to those who meet the rigorous selection criteria.

Traditionally a free-thinking and trail-blazing centre of education and research, Padova keeps faith with its historical motto: *Universa universis patavina libertas*: Liberty of Padova, Universally and for All.

**SCHOOLS GENERAL** VETERINARY HOSPITAL HOSPITAL MUSEUM LANGUAGE CENTRE CENTRE LIBRARIES

2,057
TEACHING STAFF

2,275
ADMINISTRATIVE
STAFF







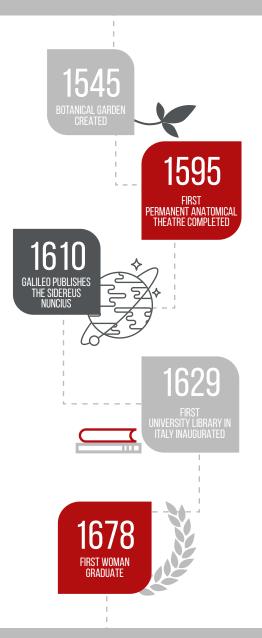
## HISTORY

#### **ORIGINS**

The University of Padova was established in 1222, after a group of students and teachers decided to move away from Bologna. They set up a free association of scholars, grouped according to their place of origin into *nationes*, in which students approved the rules, elected the rector, and chose their teachers, who were paid with money the students themselves collected. Defending freedom of thought in study and teaching became a distinctive feature of the University that today lives on in its motto: *Universa Universis Patavina Libertas*.

#### THE EXPERIMENTAL METHOD

The introduction of empirical and experimental methods together with the teaching of theory marked the dawn of a golden age. In the 16th and 17th centuries, Padova became a workshop of ideas, and a home to figures who changed the cultural and scientific history of humanity. These included Andreas Vesalius, reputed the founder of modern human anatomy, as well as the astronomer Copernicus, and Galileo, who observed the heavens here.



Padova also possesses the world's first university botanical garden and the first permanent anatomical theatre, which was built by Girolamo Fabrici d'Acquapendente. William Harvey, who became famous for describing the circulation of the blood, studied in Padova, and in 1678 Elena Lucrezia Cornaro Piscopia became the first woman in the world to be awarded a university degree.

In 1797, the fall of the Republic of Venice - the Serenissima - marked the beginning of a dark age. Padova fell under the rule first of the French, then of the Austrians, during the course of Italy's tumultuous Risorgimento, which also affected the University.

### FROM THE 20TH CENTURY TO THE PRESENT

Between the late 19th and early 20th centuries, the University expanded to include the faculties of Engineering, Pharmacy and Political Sciences, alongside the traditional faculties of Law, Medicine, Arts and Philosophy, and Science.

With the advent of Fascism, the University's values of free thought and cultural independence were inevitably compromised. The professors swore allegiance to the regime, whereupon the approval of Fascist Italy's racial laws and the expulsion of

1848









Jewish professors ushered in one of the darkest periods in the University's history. Rector Concetto Marchesi stirred the University from its slumber and, at the height of the German occupation, made a courageous appeal to the students to fight for the freedom of the country. For its sacrifices in the name of Liberation, the University of Padova was awarded the Gold Medal of Military Valour, the only university to receive such an honour.

During the post-war period, the University opened faculties of Education, Agricultural Sciences and Psychology, then in the 1990s, faculties of Veterinary Medicine, and Economics and Business

Administration. Many notable figures of the 20th century are associated with the University: writers Diego Valeri and Concetto Marchesi; engineers of the stature of Giuseppe Colombo, the "master of celestial mechanics"; mathematicians such as Tullio Levi Civita; jurists Alfredo Rocco and Livio Paladin; philosophers Luigi Stefanini and Enrico Opocher; and medical pioneers like surgeon Vincenzo Gallucci, who carried out the first heart transplant in Italy. The new millennium opened with several important discoveries, particularly in medicine, biomedicine, engineering and aerospace technology.

1985
FIRST HEART
TRANSPLANT
OPERATION





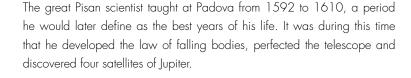




#### THE MASTERS



GALILEO GALILE 1564-1642





ELENA LUCREZIA Cornaro Piscopia 1646-1684

Born into a noble Venetian family, she displayed an early appetite for study. Despite the veto imposed by the authorities on her possible pursuit of a degree in theology, on 25 June 1678, in Padova, she succeeded in securing the title of Doctor in Philosophy, becoming the world's first woman graduate.



UGO FOSCOL 1778-1827

A celebrated poet and writer, Foscolo was one of the foremost men of letters between the Neoclassic and Romantic periods. He was taught and influenced by Melchiorre Cesarotti, a professor at the University of Padova known for his translations of Homer and of the "Songs of Ossian". In 1795, Foscolo asked Cesarotti for an opinion of his first tragedy, "Tieste".



ENRICO BERNARDI 1841-1919

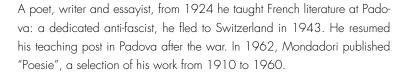
An ingenious inventor and pioneer of industry, Bernardi built the first Italian automobile in 1894. It had three wheels, a four-stroke engine, and could reach a speed of 35 km/h. A working example with all its original parts is kept at the University of Padova Museum dedicated to this important engineer.



Levi Civita graduated from the University of Padova, his native city, in mathematics. One of his teachers was Gregorio Ricci Curbastro, with whom he later collaborated on tensor calculus, an essential point of reference and basis for the mathematical structure of Albert Einstein's general theory of relativity.



DIEGO VALEF 1887-1976





CESARE MUSATTI 1897-1989

Musatti further developed the experimental lines of research pursued by Vittorio Benussi, continuing his work by focusing particularly on the psychology of perception, testimony, suggestion and hypnosis. He was also a leading figure in the development of psychoanalysis in Italy.



GIUSEPPE COLOMBO 1920-1984

A leading light in European space research, he taught celestial mechanics and space vectors at Padova. A consultant to the world's leading centres, he was awarded a gold medal by NASA. Worthy of mention among his projects is the concept of the "tethered satellite", implemented by NASA in the 1990s.



MASSIMILLA BALDO CEOLIN 1924-2011

A scientist and teacher of Physics, Ceolin was the first woman to be nominated to a chair at the University of Padova. Her studies on neutrinos contributed substantially to modern theories offering an innovative interpretation of the history of the Universe at its earliest stages.



Heart surgeon, and professor of cardiovascular surgery: on 14 November 1985 he performed the first heart transplant operation in Italy, at the city hospital. He was the author of highly innovative studies on topics such as skeletal muscles, large blood vessel disease, and cardiac stimulation.



### **EDUCATION**

#### RECOGNITION OF OUALITY

Whatever the field of learning and the level of study, courses offered by the university have always assured educational quality: an experience acknowledged and reflected not least in national and international rankings. Once again this year, Padova was classified second among the top Italian universities (source: Repubblica-Censis).

In an increasingly international environment, recent years have seen growth in opportunities for course units and entire degree courses in English: today, Italian and foreign students can choose from 17 second-cycle degree courses delivered in English, which broaden the scope for international recognition considerably.

Padova also introduced Italy's first three-year degree course in *Psychological Science*, and now *Animal Science* as well; there are more than 700 course units taught in English, which students can elect to include in their study programmes. International opportunities for study are also offered by the Erasmus Mundus programme and by 11 double and joint degree options, as well as periods spent abroad under the Erasmus+ or other international exchange programmes.

### Cha()

7

AGRICULTURAL SCIENCES AND VETERINARY MEDICINE





14

FCONOMICS AND POLITICAL SCIENCE



3

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32

**FNGINFFRING** 



29

MEDICINE



14

PSYCHOLOGY





32

SCIENCE





29

HUMAN AND SOCIAL SCIENCES AND CULTURAL HERITAGE

10

Growing continuously, thanks to the addition of a new Social Sciences class and an increased number of applications for admission, the Galilean School has become firmly established as a centre of excellence, attracting students from all parts of Italy. This is reflected in the geographical distribution of enrolments, which in the case of the 2016-17 academic year include 62% from regions other than Veneto.

#### APPLICATIONS FOR ADMISSION

2011	320	0
2012	373	3 STUDY CLASSES
2013	455	CLASSES
2014	413	30
2015	489	PLACES EVERY YEAR
2016	474	EVENT TEAN

#### SUMMER COURSES

For students enrolled in degree courses who wish to dedicate a week or two to their studies during the summer, the University of Padova offers an additional chance to attend certain courses of their study programme at the Bressanone campus (Bolzano), where teaching staff deliver intensive courses of two weeks duration, finishing with an exam.







#### INTERNATIONAL EXPERIENCES

Thanks to the Buddy initiative, the 2015-16 academic year saw tutors welcome 925 foreign exchange students, and there were 156 foreign students enrolled in degree courses.

Also during the 2015-16 year, 1,445 students went out from Padova on Erasmus+ Study visits, and 236 took part in Erasmus Mundus exchange programmes. In addition, 528 students were able to go on training placements abroad; this is a choice that continues to grow in popularity, as witnessed by an overall increase of 32% during the last 5 years.







#### COURSES HELD IN ENGLISH

Entire degree courses and many course units are delivered in the English language, with opportunities available at all levels. There are some 50 training products offered in the English language, including short specialization degrees, PhD programmes, and summer and winter schools.

DEGREE COURSES HELD IN ENGLISH

COURSE UNITS HELD IN ENGLISH 19 729

FIND OUT MORE ABOUT THE COURSES AND COURSE UNITS HELD IN ENGLISH

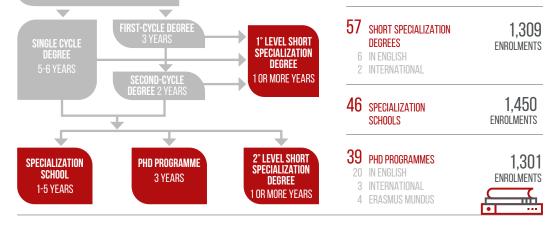
WWW.UNIPD.IT/EN/ COURSES-HELD-ENGLISH







HIGH SCHOOL



#### POST-GRADUATE EDUCATION

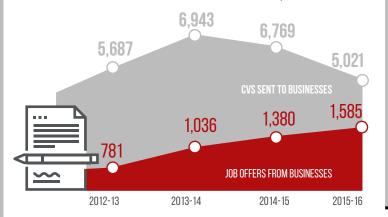
The holder of a first-cycle degree can go straight into the world of work or decide to continue studying for a specialization or first level short specialization degree; at one year after graduation, 34.2% of first level graduates from Padova are still in higher education (source: Almalaurea 2015). After obtaining a second-cycle degree, graduates can continue their studies through specialization schools and second level short specialization degrees; if the preference is for research, they can choose from 39 PhD programmes.





#### JOBS AND CARFFRS

The University also assists students in their search for employment: 599 CVs were uploaded to the University database in the 2015-16 academic year, along with 488 new company registrations, while 1,585 job offers were recorded. The University of Padova brings together new graduates and companies, as well as offering career advice on a one-to-one basis (301 cases in the 2015-16 academic year).





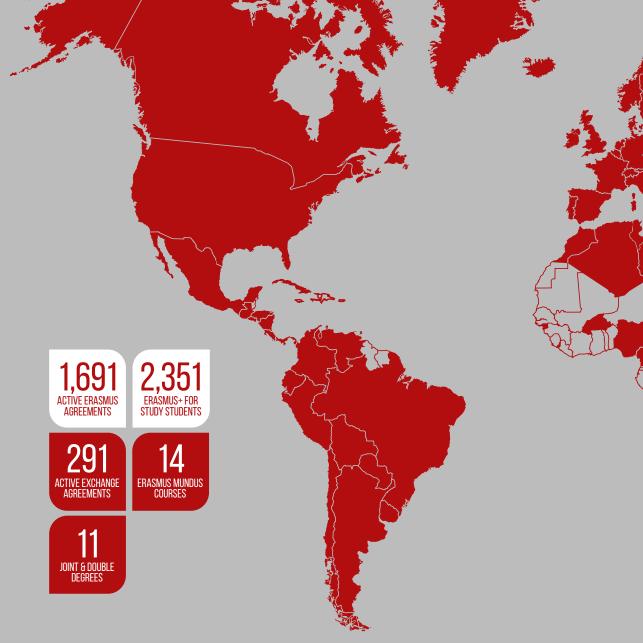
#### INTERNSHIPS AND PLACEMENTS

19,123 internships completed by enrolled students, 1,734 by recent graduates, 926 by post-graduate course enrollees: this is the extent of the internship experiences for the 2015-16 academic year, not to mention the numerous opportunities abroad.

A TOTAL OF 21,547 INTERNSHIPS UNDERTAKEN











# STUDENTS

#### THE IMPORTANCE OF THE RIGHT TO EDUCATION

Students are first of all guided to select their preferred degree programme, and are then supported by tutors throughout the entire duration of their studies, as well as being advised on career choices.

Not the easiest of undertakings with tens of thousands of enrollees, at a University where scholarships are disbursed to everyone who is entitled. And from the 2016-17 academic year onwards, there is also a renewed commitment to reward those students who do best: indeed thanks to the "1000 e una lode" initiative, the 1,000 most successful students will receive 1,000 euros each to help fund studies abroad, internships and work placements, and tutoring.

Some students are not able to study full-time, for reasons connected with work, family or health issues. These can elect to enroll on a part-time basis, as help is available for working students intent on pursuing higher education goals, and the status of sport student is also recognized.

#### **ENROLLEES BY SCHOOL**

3.907

AGRICULTURAL SCIENCES AND VETERINARY MEDICINE

5.386

ECONOMICS AND POLITICAL SCIENCE

3,65

LAW

11,836

9,236 MEDICINE

5 670

PSYCHOLOGY

6,498 SCIENCE

11.952

HUMAN AND SOCIAL SCIENCES AND CULTURAL HERITAGE



EIRST VEAR OF SECOND-CVCLE DEGREE COLIRSES

30%

OTHER ITALIAN REGIONS

3%

RESIDING ABROAD



### **CALL CENTRE**

**T** +39 049.8273131

⊠ callcentre@unipd.it

#### PUBLIC RELATIONS OFFICE

**a** +39 049.8273338

□ urp@unipd.it

Mon - Fri 9.30-13 and 14.30-17.30

28,000 REQUESTS FOR TUTORING IN 2015-16



#### DISABILITY AND INCLUSIVENESS

Since 1996, the University of Padova has pursued a policy – the first among HE establishments in Italy to do so – of guaranteeing students with special needs the right to education: accompaniment and transport services, extra time or technological aids for taking tests, sign language services and stenotype lessons.

www.unipd.it/en/students-special-needs

#### RECEPTION OF FIRST YEAR ENROLLEES AND TUTORING

All first year students are invited to Unincontro, a welcome day held in the Great Hall of the Palazzo Bo with the Rector in attendance. There are also informative meetings, combined with support from the Study Advice Office, both in person and on Skype (orientamento.sedepadova) and Facebook (OrientaNet Unipd). Students can count on the support of tutors for the entire duration of their studies.

www.unipd.it/en/study-support





#### SCHOLARSHIPS AND FFFS

For students taking degree courses, fees are payable in three instalments, the first of which is a standard amount for everyone; the second and third are variable, based on personal and financial conditions, and on merit. From the next academic year there will be a new fee structure based on merit and income (less than 13,000 euros determined by ISEE assessment) with fee-waivers for students who have obtained a qualification in another country and who have enrolled in courses held in English or Italian.

#### SCHOLARSHIPS IN 2015-16

APPLICATIONS SUBMITTED 9,653

ELIGIBLE 5,068

WINNERS 6,568

9,653

100%
SCHOLARSHIPS
AWARDED + 1,500
ADDITIONAL GRANTS

#### **ISEE**

The Equivalent Economic Status Index (ISEE) affects access to many economic benefits, such as scholarships, housing, reduced rates for canteens and other facilities.

WWW.UNIPD.IT/EN/ TUITION-FEES-SCHOLARSHIPS -TAX-RELIEF-SCHEMES











### RESEARCH

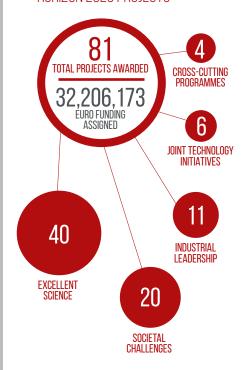
#### INCREASINGLY INTERNATIONAL PROJECTS

Ranked first for quality of research by the National Agency for Evaluation of the University System and of Research (Anvur 2017), the University of Padova remains as committed as ever in this field, investing a significant portion of its financial resources in research activities and projects. Under a new recruitment plan, moreover, the university expects the number of posts for researchers to reach 300 by 2019.

The budget for scientific research amounts to 60 million euros per annum, considering the sums collected through fundraising activities and the 22.7 million euros allocated directly by the University for 2017.

The University continues to participate in European Union programmes: there have already been 81 projects funded, with Padova being assigned no less than 32 million euros since the start of Horizon 2020, the framework programme for the six-year period 2014-2020.





### PHD PROGRAMMES

Investment in research-related training is significant, with 205 PhD scholarships funded by the University in the 2016-17 academic year; also, this year has seen 70 additional grants awarded compared to last year (up from 131 to 201), with an increasing focus on the world of employment and of research in the non-academic sphere.

International relations continue their steady growth: in October 2014, an agreement was reached with the China Scholarship Council to enroll Chinese students in PhD programmes, most of which held in English.

468 PLACES		
406 scholarships		<b>87</b> %
201	205	PLACES ASSIGNED WITH GRANT
EXTERNALLY FUNDED	FUNDED BY THE UNIVERSITY	



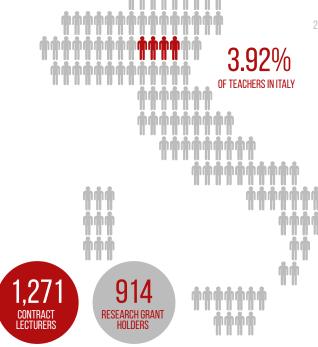


#### TEACHING STAFE

The University has over two thousand members of teaching staff in daily contact with the students, which accounts for almost 4% of university teachers in Italy.

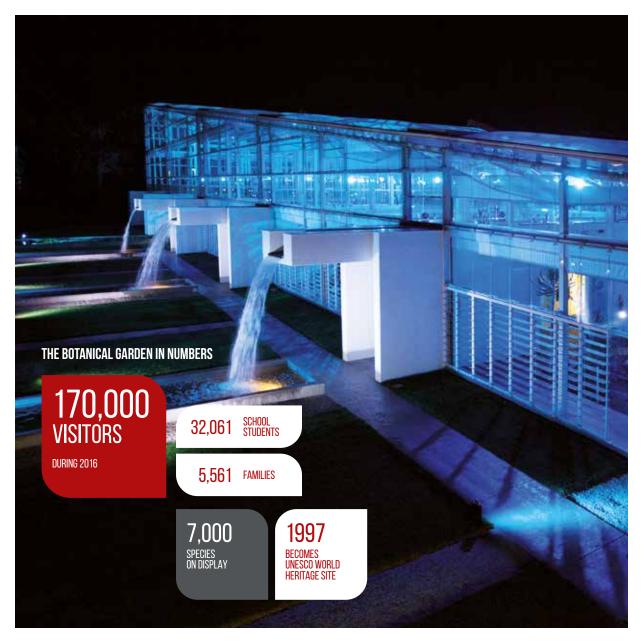
Teaching methods are updated continuously on the strength of research, and the constant commitment of professors, researchers, research grant holders, contract lecturers and PhD students.









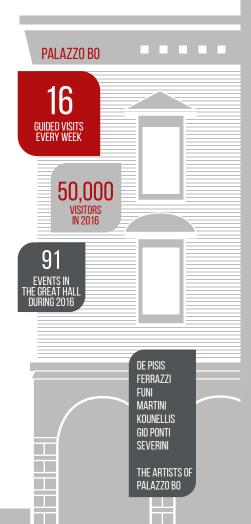


# SPREADING KNOWLEDGE

Alongside teaching and research, the University of Padova has a basic mission involving the people of the city and the surrounding area, namely to ensure that knowledge generated within the institution is conveyed to a wider public: not expert, but enquiring.

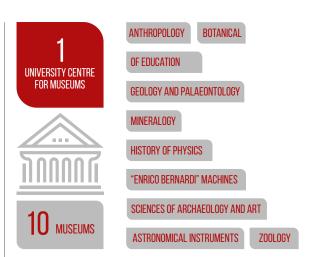
To this end, the University uses facilities and equipment dedicated to scientific popularization, conferences and debates, like the Botanical Garden, which was founded in 1545. Padova has the oldest university-run scientific garden in the world that still occupies its original location. Visited and extolled by Goethe, it has been enlarged to twice its former size over the past three years: visitors to the historic site can now see the new Biodiversity Garden alongside, with hitech greenhouses that simulate the climatic conditions of the planet.

The campus includes two notable historic edifices, the Palazzo Bo and the Sala dei Giganti (Hall of Giants), both offering guided tours. There are numerous cultural events held every day in the University buildings, open to everyone: the calendar is posted on the University website.



#### PAI A770 B0

The heart and the historic home of the University, which it has hosted since the end of the 15th century; the building was already there two hundred years earlier, and had been known as the hospitium bovis, a tavern displaying the sign of the ox Certain of its rooms are of inestimable. historic value, like the world's first permanent anatomical theatre, completed in 1595. In the 1930s and 1940s, the Rectorate suite was completely revamped by the renowned architect Gio Ponti, also responsible for the design of the Palazzo Liviano, with frescoes by Massimo Campigli: this latter building is connected to a 14th-century room, the Hall of Giants, having a cycle of 16th-century frescoes.



### **UNIVERSITY MUSEUMS**

The University of Padova has a museum tradition that dates back to the 18th century, when the physician and naturalist Antonio Vallisneri donated a collection to the University that would form the basis for the creation of laboratories and scientific exhibitions.





#### LIBRARIES

The University possesses an enormous wealth of reading material, available to all, including more than 2 million books kept in its 31 libraries: in 2015, there were also 33,179 electronic journals on the University intranet.

2
MILLION
BOOKS

418
COMPUTER
WORKSTATIONS

33,179
ELECTRONIC
JOURNALS

2,490
READING STATIONS

#### UNIVERSA

This is the most important and schedule of events detailed programmed by the University. It takes place over the course of the entire academic year and is divided into exhibitions, festivals, major events, for all tastes and preferences. Among the attractions are the "BoCulture" seminars, the "Scientific Spring Meeting" in the Botanical Garden, the "One Book One City" project, with the collective reading of a classic work, and the "Kids University" where teachers explain the basics of science to children.







## THE CAMPUS

#### ONE UNIVERSITY, MUI TIPI E I OCATIONS

In Padova, the University really is everywhere: in period palaces like the Bo, the Liviano, the Maldura or Palazzo Cavalli, or buildings erected in the 1930s or after the Second World War, and the more recent prestigious buildings of the "Fiore" di Botta and the new Cittadella dello Studente at Nord Piovego.

An extensive relationship with the surrounding area goes well beyond Padova itself, with important teaching centres located far outside the city limits: law at Treviso, engineering at Vicenza, education sciences at Rovigo; viticulture at Conegliano, marine biology at Chioggia and professional healthcare courses held in the provinces of Vicenza and Venice, not to mention the Astronomical Observatory at Asiago with the Galileo telescope, and the summer centre at Bressanone.

Student facilities include halls of residence, canteens, study rooms, libraries, and a well-equipped University Sports Centre (CUS) offering a wide variety of individual and team sports.



























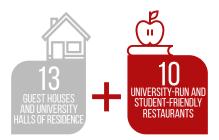








With the Card, students can secure favourable conditions for a great many educational, social and cultural initiatives, within and beyond Padova's provincial boundaries



#### HALLS OF RESIDENCE AND CANTEENS

Students living off-campus can find accommodation at halls of residence run directly by the University or available through the regional office of the ESU, or alternatively, rent rooms or apartments from private landlords.

Places at ESU halls of residence are allocated by competition: the announcement, with information on requirements and deadlines, is published every year on www.esupd.gov.it/en. Prices are calculated on the basis of individual merit, on the financial resources of the immediate family, on the services provided, and on the selected location.

Students can eat at canteens run by ESU, or by private operators offering special terms, near to the main University institutes. Menus feature a variety of options. Food quality is guaranteed by certification systems and regular checks and inspections. Students pay between 2.70 and 6.20 euros for a full meal, depending on their financial situation and on individual merit; for scholarship holders, meals are entirely free of charge.





#### MEDIA AND SOCIAL NETWORK

The University of Padova is active on the main social networks, and uses a number of media channels to communicate with the academic community and with the general public. "Il Bo" is the University's online daily newspaper, filled with items on the world of education and research, and on cultural and scientific topics. "ViviPadova" is the students' online magazine: aimed at a young readership, it carries announcements for cultural events and shows RadioBue is the students' internet radio station, offering discussions and features on topics of general interest. Padova University Press is the University's publishing house.

FOLLOW US











453
ARTICLES AND
NEWS

48
MEDIA GALLERIES
AND PHOTOSTORIES

il V padova

2016

1,555
CONTENT
PUBLISHED IN
EVENTS AND NEWS

2016



The University Store can be found in Via San Francesco, at the Palazzo Bo and at the Botanical Garden: items on sale include clothing, greeting cards and gifts, all bearing the University of Padova brand.

RADIO BUE,IT PODCASTS 1,054

HOURS LIVE TRANSMISSION

GUESTS INTERVIEWED

790 PER YEAR

615







# THE CITY

#### THE CITY AND ITS SURROUNDINGS

With the delightful Euganean Hills to the south, crisscrossed by waterways, Padova is a city that blends historical tradition and culture with burgeoning business activity and service industries.

In terms of location, it affords the ideal base from which to reach Venice and the northern Adriatic beach resorts, the Dolomites, Lake Garda, Verona and the spa towns of Abano and Montegrotto Terme.

Almost 1.5 million tourists visit Padova every year to marvel at its art and fine heritage of architecture and museums, like the Scrovegni Chapel with frescoes by Giotto, bronzes by Donatello in St Anthony's basilica, the Palazzo della Ragione and the Caffè Pedrocchi. Its squares, porticoes and old cobbled streets tell the story of a wealthy, beautiful mediaeval city, renowned for its art and culture.

466.000 AND MONUMENTS





**SPECOLA** 

PALAZZO DELLA RAGIONE



BASILICA OF ST ANTHONY



PIAZZA DEI SIGNORI





CATHEDRAL AND BAPTISTERY

### ECONOMIC FABRIC

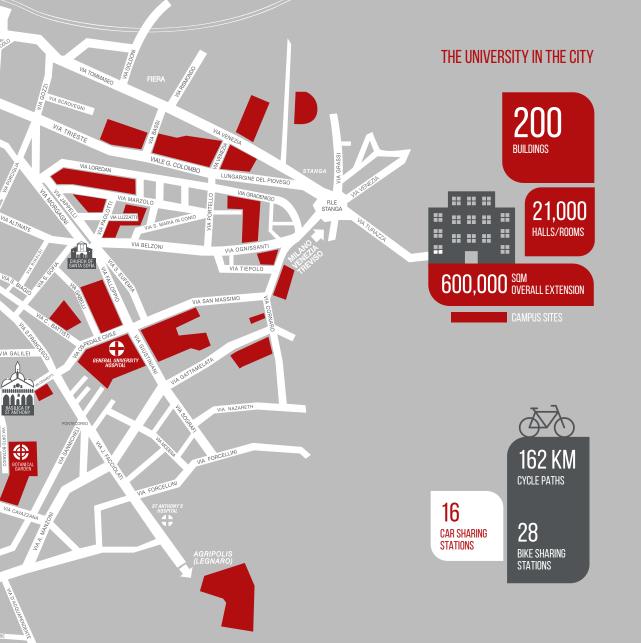
Padova, situated at the heart of northeastern Italy, is the powerhouse behind one of Europe's largest economic and industrial regions: this is a hub for thousands of small-medium enterprises, operating particularly in the areas of business, logistics, transport and large retail chains.

20,674 BUSINESSES

58,136 STUDENTS 209,829 RESIDENTS







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### Università degli Studi di Padova