

## University of Trieste









#### University of Trieste – UniTS

## Higher Education, Research and Knowledge sharing



Taking stock of the present and recent past of the University of Trieste, which will mark its Centennial in 2024, we can be proud of the goals we have achieved and of the value our University adds to the Region.

The University of Trieste welcomes students to participate in a dynamic and modern environment which is highly customizable to meet their needs. The University offers state-of-theart labs, excellent libraries and resources and provides its students with guidance and support throughout their entire undergraduate and post graduate journey. The quality and wide range of our degree offerings are constantly updated and

always more focused on preparing our students to compete at the international level.

To that end, the University has worked hard to forge partnerships with leading companies.

It is said that quality of education is directly tied to quality research, and in this regard, the University of Trieste is widely recognized and highly ranked both nationally and internationally. Trieste was recently named European City of Science 2020 and in light of this, the University looks to strengthen its role as a top Research University, with aims to increase PhD degrees and augment its collaboration with national and international research facilities while working to recruit top level scientists and researchers.

The University of Trieste continues to address the Region's needs and is actively working to establish a regional university system that will create a network to share resources and information on higher education, research, technology transfer and innovative services.

The University of Trieste is also present at a national and international level to broker discussions and relationships with other communities and countries. In fact, we play an important role in regard to the European macro-regions, and Italy's relationship with Balkan countries, Eastern Europe, Iran, Japan, Saudi Arabia and Latin America.

While it's true that the future is unpredictable, the important benchmarks and wide recognition the University of Trieste has reached thus far, are proof that it is possible to pursue and achieve excellence. In great part, we attribute our success to the excellent partnerships we have with the scientific and business communities both here and abroad. They allow us to be part of an important and evolving conversation with companies who believe that educational excellence, research and transfer of knowledge are key to building a strong society in the future.

Prof. Maurizio Fermeglia Rector of the University of Trieste

Maures tocages











### **Mission**

#### The University of Trieste's goals are:

- > provide the highest level of education and preparation for professionals and citizens of the future;
- > generate and disseminate knowledge;
- > commit to tackling the core issues of our times in partnership with the community;
- > dedication to the discovery, development, communication and application of knowledge in a wide range of academic fields and disciplines;
- > provide high-quality undergraduate and graduate education, along with the development of new ideas and discoveries through research and creativity;
- > welcome and support men and women of all ethnicities and geographic origins, with the awareness of the continued social transformation in an increasingly diverse population in a global economy.







The community of Trieste's desire to establish a University is first documented in the 1800s when the city's Port was created. At that time, local leaders asked the Imperial House of Austria to endow the city with a University to support its flourishing trade activity and provide a suitable infrastructure to furnish its citizens with an education and training in legal and economic studies.

Despite the fact that the request was not fulfilled, the city nonetheless found ways to provide institutions for higher learning.

The Baron Pasquale Revoltella, an important entrepreneur and a patron of arts and culture, established in 1877 a secondary school specialized in Commerce, "Scuola Superiore di Commercio" to answer the practical and professional needs of the fast-growing entrepreneurial class of Trieste. In 1920 the school was renamed Institute for Business Studies and by 1924 it was dubbed the University of Economics and Business offering a sole degree of the same title. In 1938 a new Faculty dedicated to Law and Political

The University of Economics and Business is born thus laying the cornerstone of the University of Trieste

1924



First institutes of higher education

#### 1920

Institute for Business Studies

#### 1942

Faculty of Engineering

#### 1277

Secondary School of Commerce

#### 1943

Faculty of Literature and Philosophy



Science was introduced and having 2 degree tracks, the school was henceforth referred to as the "Regia Università degli Studi" or the Royal University. In the following decades, 10 more Faculties were added: Engineering (1942); Literature and Philosophy (1943); Mathematics, Physics and Natural Sciences (1946); Pharmacy (1956), Science of Education (1956); Medicine and Surgery (1965); Political Science (1974); Secondary School of Modern Languages for Interpreters & Translators (1978); Psychology (1997) and Architecture (1998).

The University Reform of 2010 and the subsequent statute which took effect in 2012, re-organized the university structure and abolished the Faculties, favoring instead a department system tasking each with specific mandates in both education and management of scientific activities.







Faculty of Political Science **1974** 

Faculty of Psychology **1997** 



Faculty of Pharmacy
Faculty of Science of Education

1965

Faculty of Medicine and Surgery

#### 2012

**Creation of Departments** 

#### 1998

Faculty of Architecture

#### 1978

Secondary School of Modern Languages for Interpreters and Translators



University Department of Clinical Sciences,
Medicine & Surgery and Health Sciences

Department of Chemical and Pharmaceutical Sciences

**DF** Department of Physics

**DSCF** 

**DEAMS** "Bruno de Finetti" Department of Economics,

Business, Mathematical and Statistical Sciences

Department of Engineering and Architecture

**IUSLIT** Department of Legal, Language, Interpreting

and Translation Studies

**DMG** Department of Mathematics and Geosciences

**DISPES** Department of Political and Social Sciences

**DSV** Department of Life Sciences

**DISU** Department of Humanities









### **Academics**

The University of Trieste offers curricula covering the three areas of the European Research Council (ERC), offering degrees in Social Sciences & Humanities, Technology & Science, and Life Sciences.



## AREA SOCIAL SCIENCES & HUMANITIES

- · Economics and Management
- Law
- Interpretation and Translation
- Ancient and Modern Literature Studies, Modern Languages, Communication, Archaeology, Art History
- · History & Philosophy
- Education & Social Services
- Political, International and Diplomatic Sciences





#### **AREA**

#### **TECHNOLOGY AND SCIENCE**

- Architecture
- · Data Science and Scientific Computing
- · Engineering
- · Chemistry
- Physics
- · Mathematics
- · Statistics and Actuarial Science
- · Earth Sciences
- Environmental Sciences and Technology











### AREA LIFE SCIENCES

- Pharmacy, Chemistry and Pharmaceutical Technology
- Biology, Biotechnology, Genomics and Neuroscience
- Psychology
- Medicine, Surgery and Health Sciences



## Degree Courses offered in English

The University of Trieste has the value-add of offering several undergraduate and graduate degrees taught in English, making it attractive to Italian and Foreign students alike.

#### **Bachelor degrees**

- Economics and Business Management (curriculum: Business and Management)
- International Economics and Financial Markets (curriculum: Economics and Financial Markets)

#### Master's degrees

- Data Science and Scientific Computing
- · Production Engineering and Management
- Neuroscience
- Ecology of Global Changes (partially taught in English)
- Bio-Medical Technologies (partially taught in English)
- Functional Genomics (partially taught in English)
- Diplomacy and International Cooperation (partially taught in English)
- Sustainable Blue Growth (with OGS)

#### **PhD Programs**

- Earth Science and Fluid Mechanics
- · Physics
- · Molecular Biomedicine
- Nanotechnology
- Environmental Life Science
- · Managerial and Actuarial Sciences



To sustain the highest levels of educational excellence, the University of Trieste is committed to designing its curriculum to answer European and International challenges, without losing sight of the evolving job market.

A distinctive feature of the University of Trieste is the strong presence of international students (more than 8%), almost double the national average and underscoring the international appeal and openness of our university.

The University of Trieste wants to encourage students to broaden their international exposure and enrich their curriculum, by providing them with study-abroad opportunities at universities in and outside Europe. One of the goals the University of Trieste has is to disseminate the concept of multiculturalism and the ability to participate in an international academic network, thus adding value to the students' educational experience and professional future.

Our enrolment is growing all the time thanks in part to the excellent national ranking of our degree courses (Censis-Repubblica 2016 assessments):

**1**<sup>st</sup> **place** in Political and Social Sciences; Physics and Mathematics; Translation, Interpretation, and Foreign Languages

**2<sup>nd</sup> place** in Engineering; Pharmacy; Industrial Pharmacy

**3<sup>rd</sup> place** in Law

4th place in Psychology

**5<sup>th</sup> place** in Economics, Management and Statistics





This College is intended for accepted honors students from around the world. It offers access to individual tutoring with prominent scientific teachers and researchers including post-graduate vocational counselling. Scholarships will ensure placement at the university residence (the former military hospital).









UniTS offers numerous libraries with over **1,800,000** books, **1,640** subscriptions to scientific journals, **17,000** online magazine subscriptions and **80** databases.



#### **UniTS Linguistic Center (CLA)**

This facility handles all of the university's language services and manages all the Linguistic Experts who work with the appointed foreign language teachers. CLA provides Italian classes for all exchange students and foreign students.



#### **UniTS Sports Center (CUS)**

Founded in 1946, the center has been hosting sports activities, matches and events for college students for over 70 years.

## Disability services and Specific Learning Disabilities (SLD)

This department supports all students with disabilities and certified learning disabilities, welcoming, assisting and guiding them throughout their entire course of studies at UniTS.



In addition to the numerous private accommodations available in the city, the University of Trieste offers housing

for students in the University Residence, and in student

housing managed by the Region.

#### Former Military Hospital University Residence

The recently renovated Former Military Hospital is an imposing structure originally built in 1863 by the authorities of Austro-Hungarian Empire. Today it is a modern and functional residential building of the University of Trieste. It houses visiting students, researchers and teachers from all over Italy and around the world.

rtmliving.com/trieste

#### Student housing

A set of buildings managed by the Regional Agency for the Rights of Secondary Students (ARDISS) that are mostly located in the Piazzale Europa Campus in Trieste and at Palazzo De Bassa in Via Mazzini, 4 in Gorizia. The rooms are assigned according to merit and income requirements.

www.ardiss.fvg.it



### Excellence in research

In national and international rankings, the University of Trieste consistently places among the top universities in the country owing greatly to its activity in the field Research. It is considered an academic community of the highest scientific level, with a strong commitment to research and a drive to share and disseminate the resulting knowledge.

UniTS is a key player in what is called the "Trieste System", composed of scientific and technological organizations in the city and the surrounding area. Indeed, Trieste is among the European cities with the highest number of researchers per capita and has one of the greatest concentrations of scientific institutions in Italy. Trieste was just named the European City of Science for 2020.

The national, regional and international institutes and research facilities which make up the "Trieste System" perform cutting-edge research in a variety of fields ranging from physics, biotechnology, genomics, material physics and applied research in

the pharmaceuticals and food & agriculture industries as well as for microelectronics and computer sciences.

The presence of such diverse scientific institutions makes Trieste, the capitol of the Region, an excellent international springboard from which our students can access opportunities to broaden their horizons during their studies and when they enter the job market.

UniTS continues to consolidate its role as a research university, setting its sights on the recruitment of top quality personnel and increasing the number of PhDs in Research.

## Ranking

4<sup>th</sup> among medium-sized universities in Italy (10,000-20,000 registered students) (Censis-Repubblica 2017-18 ranking)

overall, among the 58 Italian public universities (Censis-Repubblica 2017-18 ranking)

Departments recognized for Excellence by the MIUR (Department of Education for Italian Universities):
Math & Science (DMG), Life Sciences (DSV), Medicine,
Surgery and Health Sciences (DSM), Legal, Language,
Interpreting and Translation Studies (IUSLIT)

4th overall for spin-offs among Italian universities

UniTS is recognized for having 48 of the "Top Italian Scientists 2017" in its faculty

**75<sup>th</sup>** best university in Europe and **5<sup>th</sup>** best in Italy, according to U.S. News – Best Global Universities Ranking 2017

Among the best 80 European universities

and among the best 150 universities in the world according to U-Multirank European Ranking

in the world according to Best Global Universities Ranking 2017











Businesses appreciate University of Trieste graduates for their preparation and their international openness. Our graduates enjoy a higher rate of employment and higher salaries than the national average.

The University of Trieste provides students with the tools necessary for accelerating their entry into the job market, from: career coaching, assessment, resume and cover letter development and assistance with networking.

The Placement Office acts as a liaison between students and prospective employers by organizing information sessions, on campus interviewing and participation in career and industry fairs, programs and panels.

Businesses are key partners for UniTS both in developing innovative projects and as future employers for our graduates.



Just in the last few years, UniTS' Technology Transfer office has registered more than 100 patent families and contributed to the creation of 23 research spin-offs, earning the 4<sup>th</sup> place overall ranking of Italian universities.

Many companies have signed partnership agreements with UniTS aimed at developing joint research ventures. These companies interact with all students, from undergraduates to PhDs, creating a dynamic and constant connection between the University, students and the job market.

In the field of "technology transfer", the University of Trieste aims to enhance its already strong presence in national and international networks, by investing in Student Entrepreneurship projects to foster greater innovation and entrepreneurship.





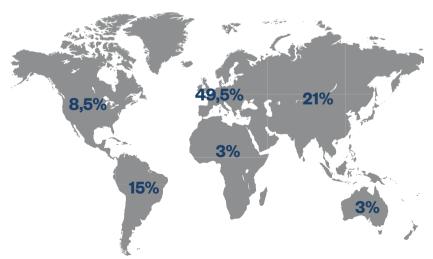
The University of Trieste, with its longstanding commitment to developing successful international relations, owes it success in part to its strategic geographical location, which has allowed the University to act as a bridge between Eastern and Western cultures.

UniTS' international history has been distinguished by its unwavering commitment to develop strategic networks and scientific projects at a European and international level, from collaborations with eminent scientists and scholars to spearheading international educational exchange programs for its students.

459 bilateral agreements and international exchange programs

**35** additional exchange programs alongside those covered by ERASMUS agreements

**120** International Cooperation Agreements for scientific research



UniTS Scientific cooperation agreements around the World

### Honorary degrees

The University of Trieste is also proud to have awarded honorary degrees to deserving leaders from the worlds of academics, culture, politics and finance.

These include:

#### Antonello Mordeglia,

Honorary Master's degree in Electrical and Systems Engineering - 16 June 2017

Ignazio Visco, Governor of the Bank of Italy

Honorary Master's degree in Statistical and Actuarial Science - 6 February 2015

Masao Furusawa, Manager Yamaha

Honorary Master's degree in Mechanical Engineering - 3 June 2015

Julian Nida-Rümelin, Philosopher and Political Analyst

Honorary Master's degree in Philosophy - 25 September 2014

Liliana Segre, Holocaust Survivor

Honorary degree in Law - 27 November 2008

Dimitrios Archontonis S.S. Bartolomeo I, Ecumenical Patriarch of Constantinople

Honorary degree in International and Diplomatic Sciences - March 2008

Joseph Rykwert, Architecture Historian

Honorary degree with a speciality in Architecture - 28 February 2008

**Roberto Car**, Physicist; Dirac Medal winner and Hewlett-Packard Award winner *Honorary degree in Physics – 25 November 2005* 

Predrag Matvejevic, Teacher and intellectual

Honorary degree in Foreign Languages and Literature - 6 June 2002

Jean Marie Lehn, winner of the Nobel Prize in Chemistry

Honorary degree in Chemistry - 18 May 2001

Riccardo Illy, Businessman, former Mayor of the City of Trieste

Honorary degree in Political Science - 5 September 2000

**Peter Newmark**, Translation Instructor; among the founders of Translation Studies

Honorary degree in Translation - 26 April 1995

Tenzin Gyatso, Tibetan Buddhist Monk, 14th Dalai Lama

Honorary degree in International and Diplomatic Sciences – 11 September 1997

Carlo Rubbia, winner of the Nobel Prize in Physics

Honorary degree in Electrical Engineering - 12 September 1994

Rita Levi Montalcini, winner of the Nobel Prize in Medicine

Honorary degree in Medicine and Surgery - May 1991

Paul Girolami, former Chairman of GLAXO

Honorary degree in Chemistry and Pharmaceutical Technology - 14 October 1991

Eduard Shevardnadze, former USSR Foreign Minister and President of Georgia

Honorary degree in International and Diplomatic Sciences - 14 March 1991



Studying in Trieste means being able to take advantage of the many organizations and facilities geared towards lovers of the outdoors, such as: swimming, rowing, snorkelling and scuba diving, horseback riding, spelunking, rock climbing, hiking, tennis and golf, not to mention sailing – the annual Barcolana regatta attracts thousands of racers from around the world. Moreover, if you love mountain biking you can follow a number of cycling trails from the Karst down to the coasts of Slovenia and Croatia and enjoy other surroundings that are also rich in history.

## Trieste is a city of arts, culture, sports and nature.

Simply walking along the waterfront or on trails above the city you can take in the varied panoramas and understand the city not just from a scenic point of view but from a cultural one as well.





The presence of monuments and landmarks belonging to many diverse ethnic groups that have lived and mingled here since the 17<sup>th</sup> century explains why, even today, Trieste is a city culturally ready to lead the charge towards a new Humanistic era. With performing arts theatres, an opera house, museums, literary cafés, film and

science festivals, and the numerous educational events promoted by the Office for Research Dissemination and Communication of our university, the city offers daily activities that contribute to enhancing the perspectives of young people whose future will bring increasingly complex and engaging challenges.









# Facts & Figures of the **University of Trieste**

**16,000+** students

1,000+ international students

**3,100** students graduating every year

120+ research doctorates conferred every year

**459** international bilateral agreements and exchange programs

**800** students travelling abroad through exchange programs (outgoing & incoming)

70 3-year programs, masters and combined degrees

3,000+ internship agreements

**2,000** scholarships (private and public)

30 student entrepreneur and cross disciplinary skills projects

650+ full, associate and research professors

700 technical and administrative staff



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#### www.units.it

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