



Universidad de Zaragoza



1542

Universidad
Zaragoza



Universidad
Zaragoza

www.unizar.es

© Universidad de Zaragoza

Texts: **Gabinete de Rector**

Design: **San Jimes Estudio** www.sanjimes.com

Translation: **Trasluz S.L.**

Print: **Servicio de Publicaciones**. Universidad de Zaragoza.





Statue of our Nobel Prize, Santiago Ramón y Cajal



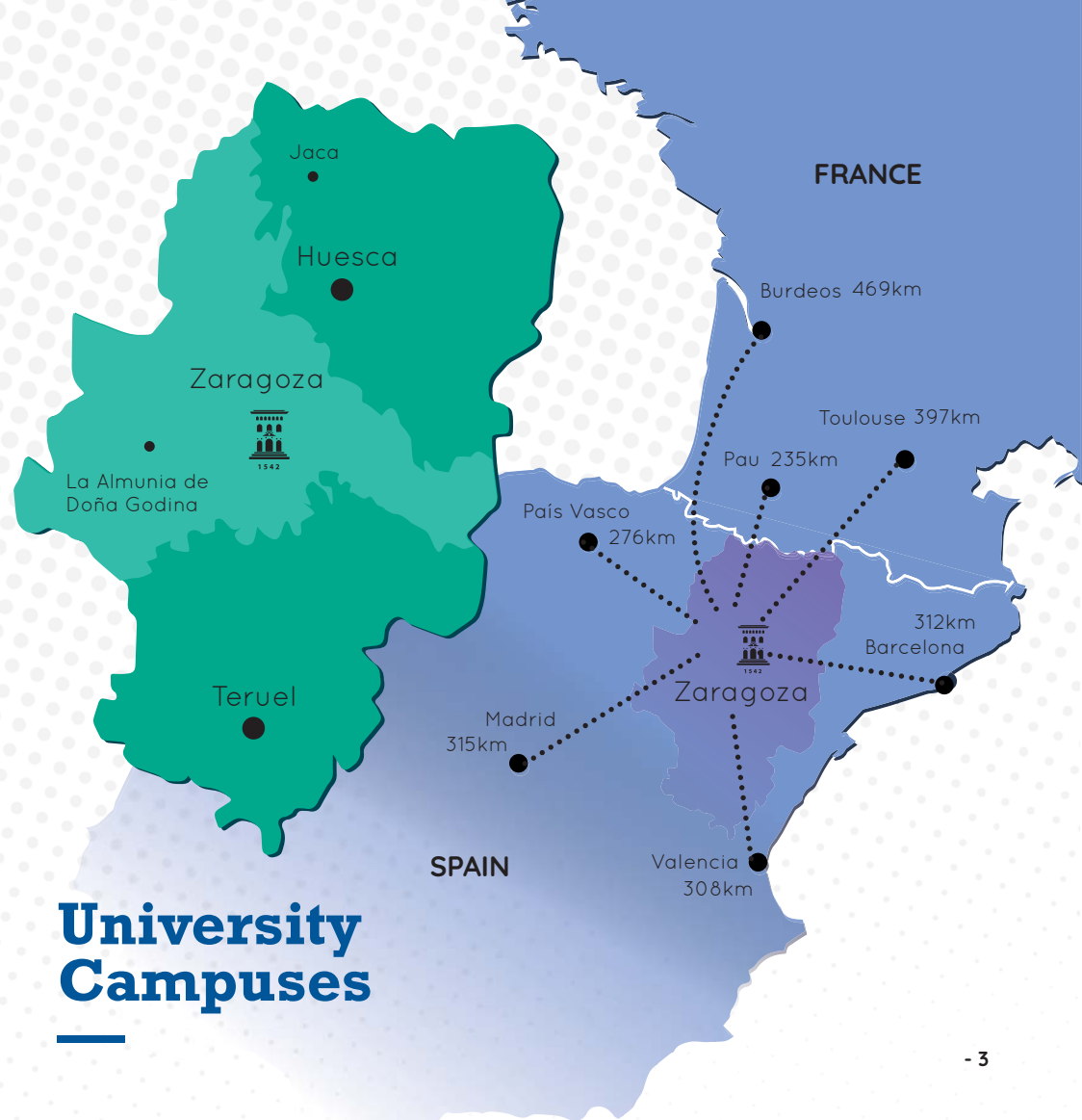
The University of Zaragoza is a public teaching and research institution whose aim is to serve society. As the largest higher education centre in the Ebro Valley, the University combines almost five centuries of tradition and history (since 1542) with a constantly updated range of courses. Its main mission is to generate and convey knowledge to provide students with a broad education. The University bases its principles on quality, solidarity and openness and aims to be an instrument of social transformation to drive economic and cultural development.



José Antonio Mayoral Murillo. University of Zaragoza Rector



Paraninfo Building. Faculties of Medicine and Sciences (year 1940). Currently, the seat of the Rectorate



University Campuses

Bachelor's degrees Courses

At the University of Zaragoza students can choose between 54 Bachelor's Degrees, 6 joint Bachelor's Degrees and 52 Master's Degrees. We also offer 45 doctoral programmes and several Specific Courses.

Arts and Humanities

Faculty of Arts (Zaragoza)
Classical Studies
English Studies
Hispanic Philology
Philosophy
History
History of Art
Modern Languages

Faculty of Social Sciences and Humanities (Teruel)
Fine Arts

Sciences

Faculty of Sciences (Zaragoza)
Biotechnology
Physics
Geology
⁽¹⁾ Mathematics
Optics and Optometry
Chemistry

Faculty of Veterinary Science (Zaragoza)
Food Science and Technology

Technological College (Huesca)
Environmental Sciences

Health Sciences

Faculty of Health Sciences (Zaragoza)
Nursing
Physiotherapy
Occupational Therapy

Faculty of Medicine (Zaragoza)
Medicine

Faculty of Veterinary Science (Zaragoza)
Veterinary Science

Faculty of Health and Sport Sciences (Huesca)
Medicine
Human Nutrition and Dietetics
Odontology

University School of Nursing (affiliated) (Huesca)
Nursing

University School of Nursing (affiliated) (Teruel)
Nursing

Social and Law Sciences

Faculty of Economics and Business (Zaragoza)
⁽²⁾ Business Administration and Management

Economics
Finance and Accounting
Marketing and Market Research

Faculty of Social and Work Sciences (Zaragoza)
Labour Relations and Human Resources
Social Work

Faculty of Law (Zaragoza)
Law

Faculty of Education (Zaragoza)
Pre-school Teacher
Primary School Teacher

Faculty of Arts (Zaragoza)
Geography and Land Planning
Information and Documentation
Journalism

University School of Tourism (Zaragoza) (affiliated)
Tourism

Faculty of Humanities and Education Sciences (Huesca)
Pre-school Teacher
Primary School Teacher

Faculty of Health and Sport Sciences (Huesca)
Physical Activity and Sport Sciences

Faculty of Economics and Public Management (Huesca)
Business Administration and Management
Public Management and Administration

Faculty of Social Sciences and Humanities (Teruel)
Business Administration and Management
Pre-school Teacher
Primary School Teacher
Psychology

Engineering and Architecture

School of Engineering and Architecture (Zaragoza)
Architectural Studies
Engineering of Industrial Technologies

Technology and Telecommunication Services Engineering

Electrical Engineering

Electronic and Automation Engineering

Industrial Design and Product Development Engineering

Computer Engineering

Mechanical Engineering

Chemical Engineering

University Centre for Defense (Zaragoza) (affiliated)

Industrial Organisation Engineering

Technological College (Huesca)
Agro-food and Rural Environment Engineering

University Technological College (Teruel)
Electronic and Automation Engineering
Computer Engineering

University Technological College (La Almunia) (affiliated)
--

Civil Engineering

Industrial Organisation Engineering

Mechatronic Engineering

Technical Architecture

Joint Bachelor's Degrees

Joint Food Science and Technology and Agro-food and Rural Environment Engineering Programme

Joint Law and Business Administration and Management Programme
--

Joint Physics and Mathematics Programme

Joint Mathematics and Computer Engineering Programme
--

Joint Mechatronic Engineering and Industrial Organisation Engineering Programme

Joint Human Nutrition and Dietetics and Physical Activity and Sport Sciences Programme
--



⁽¹⁾ One or two semesters are taught also in English

⁽²⁾ Taught in Spanish and also in English

university master's degrees

School of Engineering and Architecture (Zaragoza)

Architecture
Renewable Energies and Energy Efficiency
Biomedical Engineering
Product Design Engineering
Telecommunications Engineering
Electronic Engineering
Industrial Engineering
Computer Engineering
Mechanical Engineering
Chemical Engineering

Faculty of Sciences (Zaragoza)

⁽¹⁾Molecular and Cellular Biology
Erasmus Mundus in Membrane Engineering
Physics and Physical Technologies
Geology: Techniques and Applications
Quantitative Biotechnology
⁽¹⁾Nanostructured Materials for Nanotechnology Applications
Mathematical Research and Modelling, Statistics and Computing
Industrial Chemistry
Molecular Chemistry and Homogeneous Catalysis

Faculty of Health Sciences (Zaragoza)

Introduction to Research in Nursing Sciences
Social Gerontology

Faculty of Social and Work Sciences (Zaragoza)

Gender Relations

Faculty of Law (Zaragoza)

Advocacy
Right of public administration
Occupational Risk Prevention

Faculty of Economics and Business (Zaragoza)

Auditing
Accounting and Finance
Management, Strategy and Marketing
Economics
Sociology of Public and Social Policy

Faculty of Education (Zaragoza)

Lifelong Learning: Introduction to Research
Teaching Program for Compulsory Secondary Education, Upper Secondary Education, Vocational Training and Languages, Art, and Sport

Faculty of Arts (Zaragoza)

Information Consulting and Digital Communication
Advanced Studies in Art History
Cultural Heritage Management
Contemporary History
Research and Advanced Studies in History
Ancient World and Archaeological Heritage
Land and Environmental Planning
Research in Philosophy
Geographical Information Systems (GIS) (for urban and regional planning): GIS and Remote sensing

Faculty of Medicine (Zaragoza)

Introduction to Research in Medicine
Genetic, Nutritional and Environmental Factors for Growth and Development

Faculty of Veterinary Science (Zaragoza)

Food Quality, Safety and Technology
Animal Nutrition
Swine Health and Production

Technological College (Huesca)

Agronomic Engineering

Faculty of Humanities and Education Sciences (Huesca)

Advanced Studies in Language, Communication and their Pathologies
Teaching Program for Compulsory Secondary Education, Upper Secondary Education, Vocational Training and Languages, Art, and Sport

Faculty of Health and Sport Sciences (Huesca)

Assessment and Physical Training for Health

Faculty of Economics and Public Management (Huesca)

Tourism Management and Planning

Faculty of Social Sciences and Humanities (Teruel)

Teaching Program for Compulsory Secondary Education, Upper Secondary Education, Vocational Training and Languages, Art, and Sport
General Health Psychology

⁽¹⁾ Taught in English

University community

Teaching and Research Staff (XII-2018)	4299
Administration and Services staff (XII-2018).....	1715
Students (2018-2019)	33 639

Centres, departments and research institutes (V-2019)

Own centres	18
Affiliated centres	5
Departments.....	56
Own research institutes.....	5
Joint research institutes.....	4
Affiliated research institutes.....	1

The University in numbers

Studies:

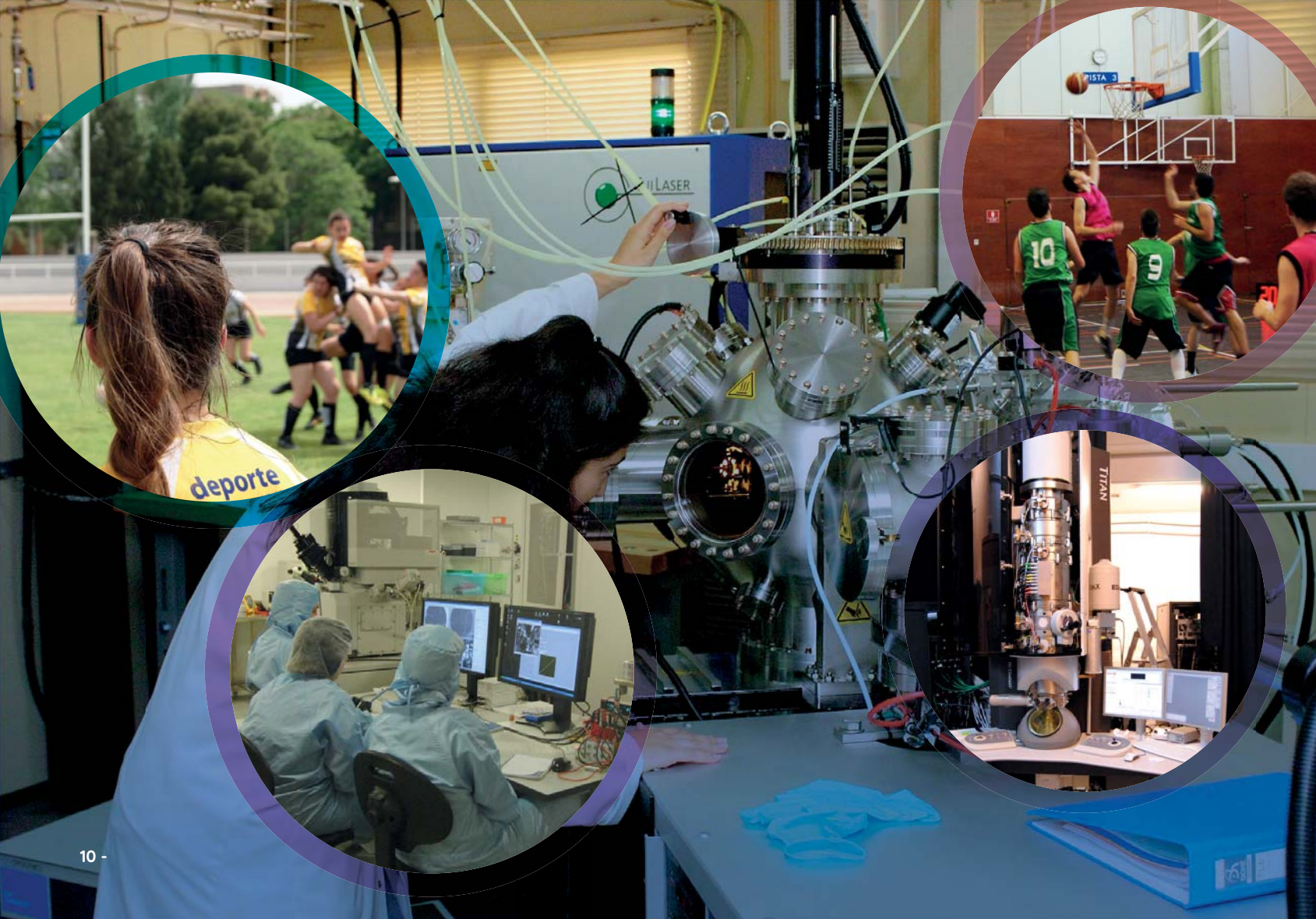
Bachelor's Degrees (2019-2020)	54
University Master's Degrees (2019-2020)	52
Doctoral programmes (2018-2019)	45
Specific courses (V-2019)	60

Research and Transfer (V-2019)

Research groups	170
Researchers in research groups	2884
Company and institutional Chairs	66

Budget (2019)

Millions of euros.....	284,1
------------------------	-------



The University of Zaragoza in the rankings

The University of Zaragoza has consolidated its position in international rankings and it is now among the top 2% of the most prestigious universities worldwide. It is one of the 10 best out of the 84 throughout Spain. We are among the highest-rated 25 best worldwide in sports science (the first in Spain), among the top 100 in chemistry (also the first in Spain) and among the best 200 in Computer Science (the fourth in Spain).

Strategic associations with other universities

The G9 Group of Universities includes, besides the University of Zaragoza, the universities of Cantabria, Castilla-La Mancha, Extremadura, the Balearic Islands, La Rioja, Oviedo, the Basque Country and the Public University of Navarre.

Together with the Public University of Navarre, the University of La Rioja and the University of Lleida, the University of Zaragoza forms part of the Campus Iberus Consortium, recognised as a Campus of International Excellence. The most important areas of focus of Campus Iberus are related to sustainable energy, health, food and nutrition technology, and the preservation of cultural heritage (EBRoS—European Bioregion of Science—, with the universities of Pau and Toulouse)





Research

Research, technological development and constant innovation are essential for economic and social growth. Our research activity is channelled through the 222 research groups. At the University of Zaragoza, 2884 researchers work in 170 research groups.

University research institutes also provide doctoral, specialisation and postgraduate programmes based on their specialities. They are primarily interdisciplinary in structure and activity. The University of Zaragoza has five own university institutes, four joint institutes and one affiliated institute.

We also participate in the IIS Aragón (Aragon Health Research Institute), accredited as a centre of excellence by the Carlos III Health Institute.

University research institutes

Own institutes

- Aragon Institute of Engineering Research (I3A)
- Institute for Biocomputation and Physics of Complex Systems (BIFI)
- Institute of Nanoscience of Aragon (INA)
- Institute of Mathematics and Applications (IUMA)
- Environmental Sciences Institute of Aragon (IUCA)

Joint institutes

- Material Sciences Institute of Aragon (ICMA), with the Spanish High Council for Scientific Research (CSIC)
- Institute of Synthetic Chemistry and Homogeneous Catalysis (ISQCH), with the Spanish High Council for Scientific Research (CSIC)
- AgriFood Institute of Aragon (IA2), with the Agrifood Research and Technology Centre of Aragon (CITA) (Government of Aragon)
- Centre for Research of Energy Resources and Consumption (CIRCE), CIRCE Foundation

Affiliated institutes

- Zaragoza Logistics Center (ZLC)

Scientific Infrastructures

The University of Zaragoza also participates in four special scientific and technical infrastructures: the LSC (Canfranc Underground Laboratory), the LMA (Advanced Microscopy Laboratory), the CIBER (Centre for Network Biomedical Research) and the RES (Spanish Supercomputing Network). It also forms part of the LIFTEC (Research Laboratory for Fluid Dynamics and Combustion Technologies). The Centre for Encephalopathy and Emerging Diseases is another scientific infrastructure in which research of first level is developed.

The University Library stocks over one million books and houses the University's bibliographic treasures (including around 254 incunables and over 400 manuscripts).



Knowledge Transfer

As knowledge transfer is the University of Zaragoza's third mission, we are committed to 'open innovation', a formula whereby companies associate with academic institutions to accelerate the innovation cycle.

The University of Zaragoza is the fourth Spanish university in patent royalties. Besides the CEMINEM, a joint research centre with companies, which has a business incubator (CEMINEM SPINUP), the University also participates in the important action of creating companies with other entities (MIE and EXPLORER programmes). To date, 53 spin-off and start-up companies have been created. Zaragoza is the second Spanish public university by number of institutional and company chairs.

The University has consolidated its position as a worldwide leader in innovation in the home appliance sector.





Internationalisation

The University of Zaragoza's international commitment is based on mobility programmes for students and personnel, double-degree programmes, bilateral and multilateral agreements, research projects and worldwide university cooperation projects for development.

The University of Zaragoza has almost 2000 agreements with institutions from all over the world. Over 1000 of our students participate in various exchange programmes annually and we welcome around 800 international exchange students every year and more than a thousand students of Spanish, coming together from more than 90 different countries. Around 120 members of our staff

go on educational visits to other countries every year.

To support this internationalisation process, the University offers an increasing number of courses in English, a linguistic support programme for our personnel and an annual call for internationalisation funding. The institution also takes part in international forums and fairs and it is a member of international higher education associations.

The University of Zaragoza has Confucius Institute in collaboration with the Nanjing Tech University and with the Confucius Institute Headquarters (Hanban).

University Centre of Modern Languages

The University of Zaragoza was one of the first (1918) to teach modern languages. The University Centre of Modern Languages currently teaches 10 languages: Arabic, English, French, German, Italian, Japanese, Mandarin Chinese, Modern Greek, Portuguese and Russian.

Spanish as a foreign language and summer courses

The University of Zaragoza was the first Spanish university to teach Spanish as a foreign language (since 1927). We organise a wide range of Spanish courses for foreign students from all over the world.

We also offer a variety of summer courses, many of them held in Jaca, but also in Zaragoza and other places in Aragon.



Cultural activity. Paraninfo Building

The University of Zaragoza is heavily involved in cultural activities on all its campuses. In Zaragoza, the Paraninfo Building (opened after its renovation in 2008) is the home of the Rectorship and one of the key places in the city, due to the high number of activities held there (congresses, scientific meetings, public lectures and exhibitions). It is a Site of Cultural Interest, which affords the building the maximum level of protection for artistic heritage existing in Spain.

It also contains the Museum of Natural Sciences of the University of Zaragoza, opened in 2015. The museum houses an important palaeontology collection and it exhibits the collection gathered together between the late 19th century and early 20th century by the scientist and natural history lecturer Longinos Navás.





www.unizar.es