The power to broaden horizons

UNIVERSITÉ DE BRETAGNE OCCIDENTALE
It is a major player in the education and research sectors in a vibrant metropolis and an exciting environment.

University located in Brest, France and in 5 other towns in Brittany.
Campus
Sea and City

Technopole Brest-Iroise

Brest city-centre

Brest-Bouguen

Quimper

Morlaix

A university with a regional scope
History

1959
Collège Scientifique Universitaire
1960
Collège Littéraire Universitaire
1966
National School of Medicine
1967
Law Institute
1968
Brest IUT, University Institute of Technology
1969
IUT Quimper
1970
Centre Littéraire Quimpérois
1971
Creation of the University of Brest
1993
ESMISAB now ESIAB School of Food Engineering
1996
Pierre-Jakez-Hélias campus in Quimper
1997
IUEM European Institute for Marine Studies
2001
IAE Institute of Business Administration
2008
IUFM becomes INSPÉ
2018
ISBLUE Interdisciplinarity Graduate School for the blue planet
2019
SEA-EU European University of the Seas

Constantly evolving since 1971

En route to Europe!
Student Life

- 55 registered student associations
- 46 student entrepreneurs in 2020
- 133 projects funded in 2022
- 1200 students involved in university life
- 50% of the members of the Student and Campus Life Commission (CVEC) are students

Shared initiative with the CROUS, which supports students in starting up innovative projects and contributes to campus life.
5300 students took part in sporting activities. 400 went on to University-level competitions.

30 cultural projects: Artistic workshops and exhibition in the “Salle des Abords”

9000 consultations with general practitioners and social welfare services

Campus Life
#SPORT #CULTURE #HEALTH

Organised sport activities
Facets of artistic and cultural expression
Social and welfare support
Medical, gynaecological and psychological consultation
Sustainable development

Increase in the number of bicycle parking spaces, installation of safe stalls and organisation of a DIY bike repair workshop.

Towards a sustainable mobility initiative
Progressive renovation of the university's estate

Campuses enhanced by an ambitious energy source transition initiative!

-55% of electricity consumption

-80% emissions of greenhouse gases

Renovation of the IUT in Quimper, officially opened in October 2023
Promoting research and technological development platforms

- **Research contracts** with companies in 2023: 130
- **Invention declarations** registered in 2023: 28
- **Patents** registered in 2023: 6
- **Contracts to use intellectual property rights per year**: 8
- **Start-ups** launched: 2
- **Annual service contracts** (795,000 euros in 2021): 220
- **Projects maturation per year, up to €8.4 million in 2022**: 4 to 8
- **Cifre Thesis Annual Convention** (800,000 euros in 2021): 7 to 12

**2020-2023**
Blue-Box

University Centre for Innovation

- 8 initiatives financed to increase awareness, detect and increase the volume of high-potential innovation projects, sustainable partnerships and start-up creations
- Entrepreneurial support
- €1.2 M dedicated to resident entrepreneurial initiatives
- A committee on "Ocean Impact" to reduce the environmental impact of innovation projects

€4 M to make the tip of Brittany the driving force in France for the creation of start-ups and the development of Ocean tech companies

The place to sea!
An innovation laboratory inspired by the Fab lab model. The UBO Open Factory offers a unique service within the university landscape, encouraging open and responsible innovation by training interested residents in new project development practices.

The university’s Fab lab: A space for experimentation, inspiration and social interaction for the benefit of the Campus!
UBO statistics

22,380 Students
455 PhD students
1,360 Teachers & Lecturer-researchers
990 Support staff

A multidisciplinary university

2022 Data - Sources: DEVE - DRH
Multidisciplinary research

The UBO has a multidisciplinary ecosystem, with 4 main areas of research:

- The Sea
- Humanities and Social Sciences
- Health - Agro-Environment - Materials
- ICT and Mathematics

35 Research Units
670 Lecturer-Researchers
6 national supervisory bodies

Data as of the first of September 2023 - Sources: DRIVE - DRH

Addressing the environmental and social challenges of tomorrow
Support and Research Team

IUERM OSU- UAR 3113
European Institute for Marine Studies (CNRS)

Research Units

AMURE
UMR 6308 Development of the Uses of Marine and Coastal Resources and Spaces (CNRS, Ifremer, IRD)

BEEP
UMR 6197 Biology and Ecology of Deep Marine Ecosystems (CNRS, Ifremer)

GEO OCEAN
UMR 6538 Ocean Geosciences (CNRS, Ifremer, UBS)

IRDL
UMR 6027 Dupuy de Lôme Research institute (CNRS, UBS, ENSTA Bretagne, ENIB)

LBCM
EMR 6076 Laboratory of Marine Biotechnology and Chemistry (CNRS, UBS)

LEMAR
UMR 6539 Laboratory of Marine Environmental Sciences (CNRS, IRD, Ifremer)

LETG
UMR 6554 Coastline, Environment, Teledetection, and Geomatics (CNRS, Univ Nantes, UR2, UBS, Univ Caen, Univ Angers, EPHE)

LOPS
UMR 6523 Physical and Spatial Oceanography Laboratory (CNRS, IRD, Ifremer)

International Research Units

BEBEST
French-Quebec International Research Project (IRP) of research and technological development in benthic ecology (CNRS, IRD, Ifremer)

CLIMCLAM
French-Italian IRP studying the impact of global change on aquaculture (CNRS)

ICEMASA
LMI Center for Education, Marine and Atmospheric Sciences over Africa (CNRS, IRD, Ifremer)

MICROBSEA
Sino-French IRP Laboratory for Deep-Sea Microbiology (CNRS, Ifremer)
IUERM
Observatory of the Sciences of the Universe (OSU)
Research centre, Marine research station

ISBLUE
UBO in-house graduate school

620 employees
8 master’s degree
200 PhD students
4 ERC
10 IUF members
2 CNRS medals

5th SHANGHAI RANKING
World ranking for oceanography

5 research themes:
1. Ocean & climate
2. Ocean & Earth interactions
3. Sustainable coastal systems
4. Living Ocean & ecosystem services
5. Observing systems for ocean knowledge
Success stories in marine sciences

Innovation Medal
CNRS - 2023
Claire HELLIO
Professor - UBO LEMAR

Innovative bio-inspired solutions and environmentally friendly, from molecules derived marine organisms.

ERC Starting Grant,
EARTHBLOOM project - 2017
Stefan LALONDE
CNRS Research Associate - GEO-OCEAN

Exploring the origins of photosynthesis, 3 billion years ago.

2.94 billion year old stromatolite sampled as part of the EARTHBLOOM project
Research Units #2

Humanities & Social sciences

IBSHS
Brest Institute of Humanities and Social Sciences

Support and Research Units

Yves Le Gallo Library
UAR 3554 (CNRS)

MSHB
UAR 3549 Human Sciences Institute in Brittany (CNRS, UR, UR2, UBS, IMT-A, EHESP)

Research Units

CECJI
Centre for the Study of Correspondence and Diaries

CFV
Centre François Viète (Univ Nantes)

CRBC
Centre for Breton and Celtic Research

CREAD
Research Centre for Education, Learning and Didactics (UR2)

Geoarchitecture
Territories, Urbanisation, Biodiversity, Environment (UBS)

HCTI
Heritage and Creation in Text and Image (UBS)

LABERS
Laboratory of Study and Research in Sociology (UBS)

LAB-LEX
Law Research Laboratory (UBS)

LEGO
Economics and Management Laboratory of Western Brittany (UBS, ITM-A)

LP3C
Psychology Laboratory: Cognition, Behavior, Communication (UBS, UR2)
Success stories in Humanities and Social sciences

ERC Consolidator Grant, Ospapik project - 2023
Géraldine LE ROUX
Senior Lecturer - UBO CRBC

Ocean and Space Pollution, Artistic Practices and Indigenous Knowledges

H2020 Marie Sklodowska-Curie, Digitens - 2019-2022
Kimberley PAGE JONES
Senior Lecturer - UBO HCTI

Digital encyclopedia of British Society in the Eighteenth Century
Research Units #3

**Health / Agro-Environment Materials**

**IBSAM** Brest Institute of Health - Agro-Environment - Materials

**Research Units**

- **CEMCA** UMR 6521 Molecular Chemistry, Electrochemistry and Analytical Chemistry Laboratory (CNRS)
- **GETBO** UMR 1304 Thrombosis Study Group of Western Brittany (INSERM)
- **GGB** UMR 1078 Genetics, Functional Genomics and Biotechnologies (INSERM, EFS)
- **LATIM** UMR 1101 Laboratory Medical Information Processing (INSERM, IMT-A)
- **LBAI** UMR 1227 B Lymphocytes and Autoimmunity (INSERM)
- **LUBEM** USC 1504 Microbial Biodiversity and Ecology University Laboratory (INRAE)

**CIC** 1412 Brest Clinical Investigation Centre (Brest University Hospital, INSERM)

- **GEIHP** Host-Pathogen Interaction Study Group (Univ Angers)
- **LIEN** Laboratory for Epithelial-Neural Interaction
- **OPTIMAG** Optics and Magnetism Laboratory
- **ORPHY** Optimisation of PHYsiological Regulations
- **SPURBO** Primary care, Public Health and Cancer Registry of Brittany
Research Units #3

Health Agro-Environment Materials

IBSAM
Brest Institute of Health - Agro-Environment - Materials

Research Units

CEMCA
UMR 6521 Molecular Chemistry, Electrochemistry and Analytical Chemistry Laboratory (CNRS)

GETBO
UMR 1304 Thrombosis Study Group of Western Brittany (INSERM)

GGB
UMR 1078 Genetics, Functional Genomics and Biotechnologies (INSERM, EFS)

LATIM
UMR 1101 Laboratory of Medical Information Processing (INSERM, ITM-A)

LBAI
UMR 1227 B Lymphocytes and Autoimmunity (INSERM)

LUBEM
USC 1504 Microbial Biodiversity and Ecology University Laboratory (INRAE)

CIC
1412 Brest Clinical Investigation Center (Brest University Hospital, INSERM)

GEIHP
Host-Pathogen Interaction Study Group (Uni Angers)

LIEN
Laboratory for Epithelial-Neural Interaction

OPTIMAG
OPTics and MAGnetism Laboratory

ORPHY
Optimisation of PHYsiological Regulations

SPURBO
Primary Care, Public Health and Cancer Registry of Brittany
Success stories in Health - Agro-Environment - Materials

GOLD GenOomics variability in Health & Disease - 2021
Emmanuelle GENIN
Research Director - INSERM GGB

Understanding how genes play a role in the emergence and spread of diseases

Call for proposals, the EU-funded MORPHEUS project - 2023
Francis COUTURAUD
PU-PH UBO GETBO

Improving prognosis of Pulmonary Embolism and Deep Vein Thrombosis
Research Units #4

ICT and Mathematics

IBNM Brest Institute of Numerical Analysis and Mathematics

Research Units
LAB-STICC UMR 6285
Laboratory in Information Sciences and Technology, Communication and Knowledge (CNRS, IMT-A, ENSTA Bretagne, ENIB, UBS)

LMBA UMR 6205 Laboratoire de Mathématiques de Bretagne Atlantique (CNRS, UBS)
Success stories in ICT and Mathematics

PEPR Maths Vives - 2023
Co-leader Vincent Calvez
CNRS Research Director LMBA

The development of mathematical theories, models and tools for a better understanding and grasp of the major issues of the 21st century.

Transversal UAV Program
(Radar, Sensor, Cyber)
Cédric Quendo and Jean-Philippe Babau
Professors - UBO LABSTICC

Joint laboratories
LATERAL: Thales
CORMORANT: Naval Group
Europe & International

UBO's implementation of the European Human Resources Strategy for Researchers in the European Union*.

- 108 Nationalities
- 2550 Students incoming
- 1000 Students outgoing
- 400 Mobility agreements
- 100 International conventions

2022/2023 Academic Year Data - Sources: DEVE - DPI

*HRS4R - Human Resources Strategy For Researchers
University of Western Brittany (France)
University of Algarve (Portugal)
University of Cadiz (Spain)
University of Naples (Italy)
University of Malta (Malta)
University of Split (Croatia)
University of Gdansk (Poland)
University of Kiel (Germany)
University of the North (Norway)

Mobility - European citizenship - Sustainable development.
Times Higher Education 2024:

THE WORLD UNIVERSITY RANKINGS

800+ international

15th French universities

Thematic ranking for oceanography:

SHANGHAI RANKING

5th international

2nd French
Our Courses
A wide range of degrees can be found at
formations.univ-brest.fr

- 85 Master’s degrees
- 70 Bachelor’s degrees
- 16 Vocational bachelor’s degree
- 70 Bachelor’s degrees
- 54 University Degrees in Health Sciences
- 14 two-year Technology degrees (DUT)
- 4 Advanced Training in Medical Sciences Diplomas
- 24 MEEF Master’s degrees
- 2 Engineering degrees
- 1 DEUST (Scientific and Technical University Diploma)

Data as of the first of September 2023 - Sources: Course catalogue
Finistère: economic and social impacts

- UBO > 2,483 employees
- 27,440 new jobs generated
- €143.5 M Student centred expenditure
- €94.4 M Human Resources expenditure
- €24 M UBO expenditure (OpEx)
- €10 M UBO expenditure (Inv)
- Total expenditure €271.9 M
- 7,366 Diplomas awarded
- DUT > 857
- Bachelor's Degrees > 2,451
- Vocational Bachelor's Degrees > 706
- Master's Degrees > 1,230 + 434 (MEEF)
- Doctorates > 100
- 1,405 on-the-job training students (OJTs)
- 5865 CE interns
- 76 V.A.E
- Revenues €12.6 M

2021 Data - Sources: DRH - DEVE - SUFCA - Adeupa
Training programs in English

Full semester in English at the BACHELOR Level

- Bachelor's degree in Economy and Management
- Vocational bachelor's degree for careers in international trade

Full program at the MASTER'S level

- Master's degree in Marine Biotechnologies
- Master's degree IMBRSea (International Master in Marine Biological Resources)
- Master's degree in Marine Physics
- Master's degree in Celtic Studies
- Master's degree TILE (Texts, Images and Foreign Literature)
- Master's degree in Computer Science: Interactive, Autonomous and Intelligent Systems
6 faculties

Law, Economics, Management and Economics and Social Administration (AES)
Humanities and Social Sciences
Medicine and Health Sciences
Dentistry
Sport and Education Sciences
Science & Technology

7 institutes

INSPE
Higher National Teacher Training and Education Institute of Brittany
IAE
Brest Business Administration Institute
IPAG
Training Institute for Civil Service Careers
IUT, Brest-Morlaix
University Institute of Technology, Brest-Morlaix
IUT Quimper
University Institute of Technology, Quimper
IUEM
European Institute for Marine Studies
EURIA
Euro-Institute for Actuarial Studies
3 Medical Schools

SPEECH AND LANGUAGE THERAPY SCHOOL
136 students

MIDWIFERY SCHOOL in partnership with Brest University Hospital
95 students

PHYSIOTHERAPY TRAINING INSTITUTE in partnership with Brest University Hospital
30 students