PROGRESS, INNOVATE, INITIATE
Implementation research is a key priority at the Université de Rennes 1; a distinctive mark which brings the five-century-old University international and business renown. As a pioneer in knowledge, the Université de Rennes 1 is a leader in lifelong learning. This innovative role involves major responsibilities towards the general public and makes the Université de Rennes 1 a key player in the region’s socio-economic and cultural development.

The University’s ethos of high expectations, open-mindedness and innovation is reflected in prestigious courses which enable our students to successfully integrate their chosen professional sectors. We apply our expertise, both in France and internationally, to meeting societal challenges - such as the digital revolution, sustainable development, health and security - and we develop partnerships to promote exchange and encourage research implementation.

30,000 STUDENTS

12,000 GRADUATES/YEAR
+91% OF GRADUATES IN EMPLOYMENT¹

A UNIVERSITY WITH A GLOBAL REACH...

Almost 130 nationalities
+12 % international students
+1,200 of our students spend part of their studies abroad each year
Leading-edge scientific exchanges across the globe

… AND COMMITTED TO REGIONAL DEVELOPMENT

3 campuses in Rennes, 6 locations in Brittany
In a stimulating and creative region renowned for its quality of life
The Université de Rennes 1 is a key socio-economic leader and generates economic benefits of €388M in the region²
Université de Rennes 1 is labeled for its commitment to sustainable development and its social responsibility: OrangeDay Champion, the university is mobilizing for parity and the fight against discrimination.

¹. Professional degree, master and PhD graduates. 36 months after graduating | OSIPE, ORESB (2016)
². 2015 figures - Audiar (Rennes Urban Planning Agency) | November 2016
A RESEARCH INTENSIVE UNIVERSITY

18 scientific disciplines in Shanghai Ranking’s Global Ranking of Academic Subjects 2018
- **TOP 75** ranking for Mathematics and Water Resources
- **TOP 200** for Chemistry, Earth Sciences and Telecommunication Engineering
- **TOP 100** for Europe’s most innovative universities (Reuters 2019)

A REMARKABLE HERITAGE

89 of laboratory teacher-researchers collaborate with national research laboratories
30 laboratories, 44 research platforms

A REPUTED UNIVERSITY

3.362 teaching & research staff
1,814 faculty and academic (teacher-researchers and teachers)
1,548 administrative staff (librarians, engineers, technicians, social and health staff)

THE WORLD UNIVERSITY RANKINGS

<table>
<thead>
<tr>
<th>Subject</th>
<th>THE World University Rankings</th>
<th>#414</th>
<th>#377</th>
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<tr>
<td>Mathematics</td>
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<td>ICT</td>
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<td>Humanities and Social Sciences</td>
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HUMAN RESOURCES

- 3,362 teaching & research staff
- 1,814 faculty and academic (teacher-researchers and teachers)
- 1,548 administrative staff (librarians, engineers, technicians, social and health staff)

BUDGET: €288.2M

- Operations €273.6M
- Investments €14.6M

ASSETS

- 160 buildings
  (3,378,400 sq ft of constructed land) on 147ha
- 40% of property dedicated to teaching
- 34% to research

Our foundation was created in 2010 to bridge the gap between the University and businesses and encourage innovation and regional development

- 9.7M in funding
- 1,225 donations since its creation

ARCHAEOLOGY, BOTANY, GEOLOGY, ZOOLOGY, SCIENTIFIC INSTRUMENTS... With around 1,300,000 specimens, covering a wide range of disciplines, the scientific collections of Université de Rennes 1 are amongst the finest in France.
30,000 STUDENTS

Student's geographical distribution*

Students on off-site courses

6,376 VILLEJEAN Health campus
Faculties of Medicine, Pharmacy and Dentistry

8,794 BEAULIEU Science & Philosophy campus
Faculties of Mathematics of Computer Science and Electronics (STIC), of Life Sciences & Environment, of Science & Properties of Matter, Rennes Scientific Observatory (OSUR)
Rennes University Institute of Technology (IUT)
Rennes School of Engineering (ESIR)
Faculty of Philosophy

+ 3,500 students enrolled in off-cycles courses, paramedical trainings, preparatory classes...

"Revealing the women and men who are building our future world"

Student's distribution per subject*

- Humanities & Social Sciences 40%
- Health 24.3%
- Sciences 23.3%
- Engineering & Technology 12.4%
- Entrance exams preparation 4.6%
- Bachelor's degrees 30.9%
- Master's degrees 21%
- Professional degrees 4.9%
- Engineers 2.8%
- Health Studies 4.6%
- PACES 5.1%
- PhD 4.3%
- Pre-university programs 0.4%

Student's distribution per course level*

- 1st CYCLE 57.1%
- 2nd CYCLE 31.3%
- 3rd CYCLE 11.1%
- 1st undergraduate technology degree 3.8%
CONTINUING EDUCATION
2018 turnover: €8.5M

4,000 continuing education trainees
173 candidates supported for obtaining qualifications through validation of academic credits due to experience.

1ST certified continuing education university service in France

87 BLOCK-RELEASE COURSES

PROFESSIONAL INTEGRATION
8,400 internships carried out by university students
630 partner businesses
170 classes sponsored by Foundation Rennes 1 business members

91% of graduates in employment

95.4% of professional degree graduates obtain their 1st job in less than 3 months. Median wage: €1,075
89.7% of master graduates obtain their 1st job in less than 3 months. Median wage: €1,800
71% of PhD graduates are employed in the public sector. 20% abroad. Median wage: €2,100

STUDENT ENTREPRENEURSHIP
1,128 students educating in entrepreneurship
+500 trained entrepreneurs
5 entrepreneurship courses
8 startups created since 2014

EIT DIGITAL MASTER SCHOOL
European entrepreneurial education and innovation programme

IN-CUBE: student startup incubator

Digital and educational: at the forefront of innovation

INNOVATIVE PROJECTS
New training programmes at University Cursus @é@l (innovating, initiating, studying, taking action, starting up); individualised training paths in order to foster success and professional insertion.

Development of experimental digital universities

DESIR (development of innovative higher education in Rennes): promote success of students enrolled in Bachelor programmes, thanks to pedagogical changes.

Regional initiatives for higher education guidance

BRI@O (Brittany Success Information Orientation)

Digital and educational: at the forefront of innovation

DIGITAL HUB RENNES BEAULIEU
32,300 sq ft dedicated to digital, pedagogy, innovation and entrepreneurship

ENVAM 1ST french-speaking digital campus for environment and sustainable spatial development

1. Graduates’ situation on December, 2017. Net monthly wages | Osipe
2. PhD graduates’ situation in January, 2017 | Observatoire UBL

Towards new collaborative working methods with Klaxoon
“Exploring the essential and meeting the challenges of society”

RESEARCH INNOVATION & IMPLEMENTATION

A RESEARCH-INTENSIVE UNIVERSITY

89% of laboratory teacher-researchers collaborate with major national research laboratories.

Our laboratories gather:

- 1,381 teacher-researchers and university researchers
- 393 researchers (3/4 associated with university)
- 267 support staff
- +1,058 PhD students
- 38.2% international PhD students
- 235 theses defended in 2018

+3,000 SCIENTISTS ON OUR CAMPUSES

HRS4R The university is committed to a strategic Human Resources approach for researchers, in accordance with the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers.

CUTTING-EDGE LABORATORIES AND EQUIPMENT

4 main scientific areas

- Maths & ICT
- Physical sciences
- Life & environmental sciences
- Humanities & social sciences

- 30 research units
- 4 federal research structures
- 44 certified research platforms

15 ERC grantees (European Research Council Scientific excellence grant) within our laboratory staff since 2007

42 Institut universitaire de France members

4 CNRS (French National Center for Scientific Research) silver medals, 15 CNRS bronze medals and 3 crystal medals since 2006
**Our Areas of Expertise**

Artificial intelligence
Cybersecurity
Digital Health
Environment
Sustainable Development

INVESTMENTS FOR THE FUTURE

27 Université de Rennes 1 projects, inc.:
- 5 excellence laboratories (LABEX)
  - CAMI for health technology
  - Centre Henri Lebesgue for mathematics
  - CominLabs for IT and communications science technology
  - IGO for immunotherapy
  - IRON for radiopharmaceutical

4 excellence facilities (EQUIPEX)
- TTO OUEST VALORISATION, a regional technology transfer booster
- IRT B<>COM technology research institute in hypermedia, ultra-broadband networks and e-health

98.5M allocated to research: 37.2% of the university’s budget in 2018

28M contracted resources

**Collaborative Research & Technology Transfer**

1st patent applicant in Brittany’s Turnover 2018: €5.8M

130 industry-collaboration agreements
265 patent families, 245 software solutions, 49 transfer contracts
8 joint university-business laboratories
31 startups created since 2008

CONTRIBUTING TO THE INNOVATION ECOSYSTEM

The Université de Rennes 1 is an active member of competitiveness centres in the sectors of
- Digital Images & Réseaux
- FOOD INNOVATION Valorial
- SUSTAINABLE MOBILITY ID4car
- BIOTECHNOLOGY Atlanpole Biotherapies
and also of the POOQL & of the FRENCH TECH
Rennes Saint-Malo

RESEARCH & TRAINING CHAIRS

The Foundation Rennes 1 federates researchers and socio-economic actors around strategic topics.
- 7 chairs in progress:
  - Cooper Standard ; Bank’s new challenges ;
  - CSR, digital innovation and transformations ; Cancer & innovation ; Mobility in a sustainable city ; Live together ; Waters & Territories

1. INPI - 2018 Ranking (April 2019)

A class leading european hub in Cybersecurity
Cryptology, privacy, software, equipment, network, etc.
23 scientists share their research: cyber.univ-rennes1.fr
“Broadening horizons, making progress together, enhancing international visibility”

3,213 INTERNATIONAL STUDENTS

INTERNATIONAL

RESEARCH AND COLLABORATION

- IRL International Research Laboratory in Japan (with Saint-Gobain)
- IRP International Research Projects («laboratories without walls») in association with the CNRS or the Inserm
- EDUC member

H2020 PROGRAMME

28 H2020 projects with a sponsorship of over €14 M

Université de Rennes 1 ranked 14th French University for its participation in the programme

EDUC is a transnational Alliance between Université de Rennes 1 and 5 partners in Europe : University of Potsdam (Germany), Université Paris-Nanterre (France), Masaryk University (Czech Republic), University of Cagliari (Italy), University of Pécs (Hungary)

This “campus without borders” involves 160,000 students, and is based on physical and virtual mobilities for students, staff and teachers, but also internationalisation at home thanks to Digital technologies.
STUDENT MOBILITY

3,213 international students from 128 countries, that is 12.2% of student total
397 students of the Université de Rennes 1 as part of an exchange programme

TOP 5 countries of origin (EU):
#1 Germany #2 Italy #3 Spain #4 United Kingdom #5 Belgium

TOP 5 countries of origin (Excl EU):
#1 Morocco #2 China #3 Algeria #4 Vietnam #5 Cameroon

1,076 students went abroad:
784 for internships
292 for exchanges

TOP 5 destinations:
#1 United Kingdom #2 Canada #3 Spain #4 Ireland #5 Germany

INTERNATIONAL COURSES

22 programs taught in English
33 double degrees
14 off-site courses

And also...
+ Rennes Graduate school of Southeast University
1st Franco-Chinese Institute to offer joint Master and PhD programs
+ French-Azerbaijani University
+ French-Georgian University

High-level international courses in English

MASTERS ERASMUS MUNDUS
MaMaSELF European Master in Materials Science
Exploiting Large scale Facilities
EuropubHealth European public Health Master

DOUBLES DEGREES
IMABEE International Master of Biodiversity
Ecology and Evolution
4 courses under the aegis of the Franco-German University

EIT DIGITAL
European Master School:
Cybersecurity & Cloud Computing
Doctoral training Centre:
ITC, innovation and entrepreneurship

WELCOME TO RENNES

RENNES INTERNATIONAL MOBILITY CENTRE
a dedicated welcome and assistance team for international students and researchers (administrative and accommodation support, etc.)
The CMI Rennes is certified EURAXESS Centre by the European Commission

The Paul Ricœur international residence in the heart of Rennes provides accommodation and catering for international researchers
CAMPUS NUMÉRIQUE (DIGITAL CAMPUS) IS THE ONLY ONE OF ITS KIND IN EUROPE

- 54 classrooms and telepresence lecture halls throughout Brittany, 19 of which are on the Université de Rennes 1 campuses
- 2,500 free-access computers
- 134 computer rooms

DIGITAL SKILLS: students are formed and certified via the PIX platform, national certification of the European standard

CAMPUSES FOR STUDYING

21 local libraries and 3 university libraries in Rennes open on average 76 hours a week
Over 1.2M visitors in 2018
419,000 books and over 10,000 new references per year
85,000 ebooks et 65,000 online journals

Connected study rooms open evenings and weekends

SUSTAINABLE AND COHESIVE CAMPUS

3rd university with the DDORS label, which rewards its approach to sustainable development and social responsibility
26.8% grant students
A free-medical fee health centre
Assistance for 512 disabled students

CAMPUSES FOR LIVING

The Diapason: concert hall, exhibition space and cafeteria. 120 events and over 26,000 spectators per year

118 university associations
€190,596 allocated to student initiatives (solidarity development funding for student initiatives)

50 sporting activities
35 sports facilities: athletics track, golf practice course, gymnasiuims, weight-lifting facilities, climbing walls, dojos, tennis courts and sports fields, etc.

SHN LABEL: The Université de Rennes 1 is labeled host institution for high level athletes
A territory of excellence and a fertile ecosystem, conducive to our areas of training and research

BRITTANY, A REGION COMMITTED TO RESEARCH AND INNOVATION

5th largest French region in terms of research and development staff

1st European food industry and 5th French industrial region

Digital: 2nd highest national ranking for employment and 35% of French public research

2nd largest national telecommunications hub and 5th largest French region for electronics

Cybersecurity reference pole

Health technology, French imaging and digital health leader with unique biotechnology expertise

Ground-breaking environmental expertise: water quality treatment and management, waste treatment and recycling, renewable energies, eco-bio-resources, health and environment, Green IT

RENNES CITY: INTELLIGENT, ENTERPRISING AND CREATIVE

University capital

8th largest French university city with 69,000 students

2 universities and 17 leading schools

5 research organizations

2-3 of Brittany’s research staff

1st French city for its training offer

Highly reputed quality of life

Only 1.5hrs from Paris

1st French city for quality of life

4th preferred student city in France

Attractive city which encourages innovation

2nd French city where it’s pleasant to work

2nd most attractive French metropolis for business

5th French agglomeration for the number of patents filed

A concrete network: SMEs, SMIs, mid-market companies, startups, decision-making centres and international brands R&D (Canon, Lactalis, Le Duff, Mitsubishi Electric, Orange Labs, Technicolor, etc.)

A digital DNA

3rd pole of public research in the digital

3rd largest French city for digital job creation

3,000 companies and 24,000 employees in the digital sector


From the ducal University of Brittany to the Rennes University

1461 - Creation of the University of Brittany of which Université de Rennes 1 is the direct successor
1735 - Law Faculty transfer to Brittany parliament in Rennes
1803 - Creation of a school of medicine which became the Medicine and Pharmacy Faculties of
1808 - Imperial university founded in Rennes incorporating seven regional departments
1810 - Creation of an Arts Faculty
1839 - Creation of a Science Faculty
1896 - The regional education authority’s faculties and higher-education institutions form the Rennes University

The rise of the University

1955 - Creation of the Graduate School of Management
1966 - Creation of Rennes IUT
1969 - The University welcomes the school of dentistry (the future faculty of dentistry) and opens a new IUT in Lannion
1970 - Creation of the Rennes University and of the Université de Haute Bretagne

The road to independence

1984 - Rennes University becomes Rennes 1, the Université de Haute Bretagne, Rennes 2
1986 - ENSSAT opening and incorporation by decree of the Rennes National School of Chemistry
1989 - Incorporation by decree of the Rennes Institute of Political Studies
2001 - Antennas of Saint-Brieuc and Saint-Malo become full-service IUT

The story goes on...

2007 - The Université de Rennes 1 is a founding member of the Université Européenne de Bretagne (Research and Higher Education hub)
2009 - Creation of OSUR, Earth Sciences and Astronomy Observatory of Rennes
2010 - Greater responsibility and authority given to the university, ESIR (Rennes School of Engineering) opening and launch of the Foundation Rennes 1
2013 - Incorporation by decree of the École Normale Supérieure de Rennes to the Rennes universities
2016 - The Université de Rennes 1 is a founding member of the cluster Université Bretagne Loire