



POLYTECHNIC  
UNIVERSITY  
PUERTO RICO



**IMAGINE,  
BUILD AND  
LEAD.**

**We are pleased to introduce ourselves as the Polytechnic University of Puerto Rico and Florida,** an institution dedicated to academic excellence and technological advancement since our founding in 1966.

Over the years, we have built a reputation for quality in training professionals across various key areas of socioeconomic development, both locally and internationally.



Our mission is clear, to prepare the leaders of tomorrow through academic programs of global quality, accredited by prestigious organizations such as the Middle States Commission on Higher Education (MSCHE) and the National Architectural Accrediting Board (NAAB). Furthermore, our reputation for excellence is reinforced by the QS Stars distinction, which highlights our strengths in teaching, employability, and infrastructure.

We are proud to be pioneers in the region by establishing our School of Engineering and Applied Sciences as a National Center of Academic Excellence in Information Security Education (CAE/IAE), a recognition granted by the National Security Agency (NSA) and the U.S. Department of Homeland Security (DHS). This distinction testifies to our commitment to training professionals in areas critical for technological advancement and business growth.

We recognize the importance of collaboration between the private and public sectors to drive innovation and economic development. Therefore, we extend a warm invitation to form strategic alliances that benefit both our students and your organizations, through internship programs, joint research, and other initiatives with significant impact.

We appreciate your interest in learning more about the Polytechnic University of Puerto Rico and Florida and look forward to the opportunity to establish fruitful cooperation that contributes to the progress of our society.

Sincerely,

**Ernesto Vázquez Martínez**  
President

# OUR MISSION

The Polytechnic University of Puerto Rico provides opportunities for individuals from diverse backgrounds to cultivate their potential for leadership, productivity, and competitiveness, with the goal of contributing to society.

PUPR fulfills its mission by serving people from different contexts: academic, economic, geographic, and ethnic; through exposure to intellectual, scientific, humanistic, and technological advancements, and by implementing innovative teaching methods.

# OUR VISION

The Polytechnic University of Puerto Rico will be recognized as the regional benchmark for training professionals in the fields of engineering, architecture, business administration, and related areas, committed to providing tangible solutions to the social challenges of our time.

The Institution will seek to become a relevant catalyst for the symbiotic relationship between the United States and Latin America.

# OUR VALUES

**EXCELLENCE**



**INTEGRITY**

**INNOVATION**



**DIVERSITY**

**SERVICE**



**SUSTAINABILITY**

**SOCIAL  
RESPONSIBILITY**



# INSTITUTIONAL PHILOSOPHY

We provide high-quality services to the university community, incorporating best practices from the higher education sector into our processes.

We are guided by honesty, respect, and truthfulness in our thoughts, words, and actions within the institutional framework.

We cultivate an attitude of continuous improvement among all our constituents to develop and offer novel solutions to society's major challenges.

We embrace the inclusion of people from different cultures, genders, races, preferences, and opinions, adding diverse perspectives to the community.

We promote a permanent attitude of collaboration and support towards each and every member of the university environment.

We adopt practices that simultaneously foster quality of life, conservation of natural resources, and operational profitability.

We commit to the development of a more just and equitable society and the protection of the environment.

# OUR HISTORY

In 1966, the great demand for professionals in the fields of Cartography and Surveying became a reality in Puerto Rico. Agronomist Ernesto Vázquez Torres had a clear vision, to create a university in the heart of the Metropolitan Area committed to the training and preparation of professional engineers and surveyors.

As a result, the Polytechnic University opened its doors. Just a decade later, in 1973, the Polytechnic offered its first bachelor's degrees in Civil Engineering and Surveying. It was the first institution to offer these types of careers in the Metropolitan Area of Puerto Rico. Its innovative offering of evening classes was enthusiastically received by students from all corners of the island.



"The Poly," as it became known among its students, quickly became a viable alternative for heads of households and working adults.

From 1977 onwards, the institution offered the possibility of taking evening or Saturday classes without preventing students from working during the day. This system allowed these working professionals to complete their education practically and efficiently.

The growth of the Polytechnic University became evident starting in 1980. During this decade, the University also obtained accreditation from the Middle States Commission on Higher Education (MSCHE) for its first academic programs, including: Industrial Engineering, Electrical Engineering, Mechanical Engineering, and Business Administration. In 1986, the University acquired the iconic building known as Clínica Juliá, in the heart of Hato Rey.



In 1992, the institution received authorization to offer, for the first time, a postgraduate program. Furthermore, with the arrival of the new millennium, the Polytechnic University expanded its horizons to Florida (2001), offering the same academic excellence to students in the United States.



Since 2013, the Polytechnic University has housed five major schools that shape the future of thousands of professionals: the School of **Engineering, Surveying and Geospatial Sciences**, the School of **Architecture**, the School of **Business Administration**, the School of **Arts, Sciences and Education**, and the **Graduate School**.

In 2014, it began offering the first **Ph.D. in Philosophy in Engineering and Applied Sciences** in Puerto Rico and became the first university in Puerto Rico to develop and launch a high-power rocket (Guanin 1 USL) in collaboration with Honeywell.

In 2015, the Polytechnic University became the first university in Puerto Rico to develop an electric Formula car to participate in the Formula SAE West competition. Academic development was strengthened in 2016 with the creation of Puerto Rico's first **Bachelor of Science in Biomedical Engineering** and continued in 2021 with the launch of **Bachelor of Science degrees in Industrial Engineering and Biomedical Engineering** in a 100% online format, the first of their kind in Puerto Rico.

1966

### Foundation of PUPR

In 1966, agronomist Ernesto Vázquez Torres had a clear vision to establish a university in the heart of the Metropolitan Area dedicated to educating and developing professional engineers and surveyors. This led to the foundation of the Polytechnic University of Puerto Rico (PUPR).

1973

### New Bachelor's Degrees

PUPR starts offering its first bachelor's degrees in Civil Engineering and Land Surveying, becoming the first institution to offer this type of degree in the Metropolitan Area of Puerto Rico.

1977

### Night Classes

The institution extends its class schedules to evenings and Saturdays, making it possible for students to work during the day while completing their education in a practical and effective way.

2009

### Plasma Laboratory

The first and only plasma laboratory in Puerto Rico is inaugurated.

2003

### Orlando Campus

PUPR continues growing its presence in the continental U.S. with the inauguration of its second campus in the state of Florida.

2011

### New Online Master's Degree

A new online master's degree program in Management Engineering (MEM) is introduced.

2013

### Aerospace Laboratory

The only aerospace laboratory in Puerto Rico and the Caribbean is inaugurated, featuring MOTUS 6221, a full-motion flight simulator.

### Five Major Schools

Five major schools help shape the future of thousands of professionals: School of Engineering, Surveying, and Geospatial Science; School of Architecture; School of Management and Entrepreneurship; School of Arts, Sciences, and Education; and the Graduate School.

2023

### 100%-Online Bachelor's Degrees

PUPR launches 100%-online degree programs in Environmental Engineering and Computer Engineering.

### Awards

The PUPR team earns three awards in the categories of Finalists, Best Video, and Champions at the U.S. Department of Energy Algae Prize Competition.

2022

### 100%-Online Bachelor's Degrees

PUPR launches the 100%-online Computer Science program.

### ACI Award

PUPR receives an award from the American Concrete Institute (ACI)—the only higher education institution in Puerto Rico to receive such recognition. PUPR has been awarded this reputable distinction on seven different occasions between 2013 and 2018.

1980

**MSCHE Accreditation**

PUPR is accredited by the Middle States Commission on Higher Education for its first academic programs: Industrial Engineering, Electrical Engineering, Mechanical Engineering, and Business Administration.

1986

**Acquisition of the Juliá Building**

PUPR acquires the iconic building known as Clínica Juliá, located at the heart of Hato Rey.

2001

**Miami Campus**

At the turn of the millennium, the Polytechnic University expands to Miami, offering the same academic excellence to students in the U.S.

1992

**First Graduate Program**

The institution is authorized to offer a graduate program for the first time.

2014

**Doctorate Degree & High-Power Rocket Launch**

PUPR introduces the first laboratory and doctoral degrees in Engineering and Applied Sciences in Puerto Rico. It also became the first local university to develop and launch a high-power rocket.

2015

**Formula Car**

PUPR becomes the first university in Puerto Rico to develop an electric Formula car to compete in the Formula SAE West event.

2021

**100%-Online Bachelor's Degrees**

PUPR launches 100% online degree programs in Biomedical Engineering, Industrial Engineering, Environmental Engineering, and Computer Science Engineering.

2016

**Biomedical Engineering**

The first Bachelor of Science in Biomedical Engineering is instituted in Puerto Rico.

# OUR **CAMPUSES**

## **SAN JUAN**



 [pupr.edu](http://pupr.edu)

 **787.622.8000**

 377 Av. Juan Ponce de León  
San Juan, PR 00918

## **ORLANDO**



 [pupr.edu/orlando](http://pupr.edu/orlando)

 **407.677.7000**

 550 N. Econlockhatchee Trail  
Orlando, FL 32825

# ACHIEVEMENTS



The engineering university with the **largest undergraduate enrollment among private institutions** serving Hispanics in the U.S. and its territories (American Society for Engineering Education).



Awards the **third-highest number of bachelor's degrees** in engineering to Hispanics in the U.S. and its territories (Engineering Workforce Commission).



•**Approximately 85% of our graduates** stay on the Island and work for companies established in Puerto Rico.



PUPR has awarded over **11,500 engineering degrees**, 1,200 business administration degrees, 700 architecture degrees, and 600 surveying degrees since its inception.



PUPR contributes approximately **50%** of the current engineering workforce in Puerto Rico.



Over **\$50 million in federal grants** have been awarded over the past 15 years to develop the programs of the School of Engineering.

# DIFFERENTIATION



**Campus located in the heart of the Metropolitan Area,** close to industry and government agencies



**Opportunities for non-traditional students** and those from diverse backgrounds



**Day and evening classes,** Saturday classes



**Three academic periods** (each equivalent to a semester) and a summer session per academic year



**Professors actively engaged** in professional practice



**Offers several unique programs on the island:** environmental engineering, biomedical aerospace, engineering management, and landscape architecture



**First and only private university in Puerto Rico designated by the National Security Agency** and the Department of Homeland Security as a National Center of Excellence in Cybersecurity Education

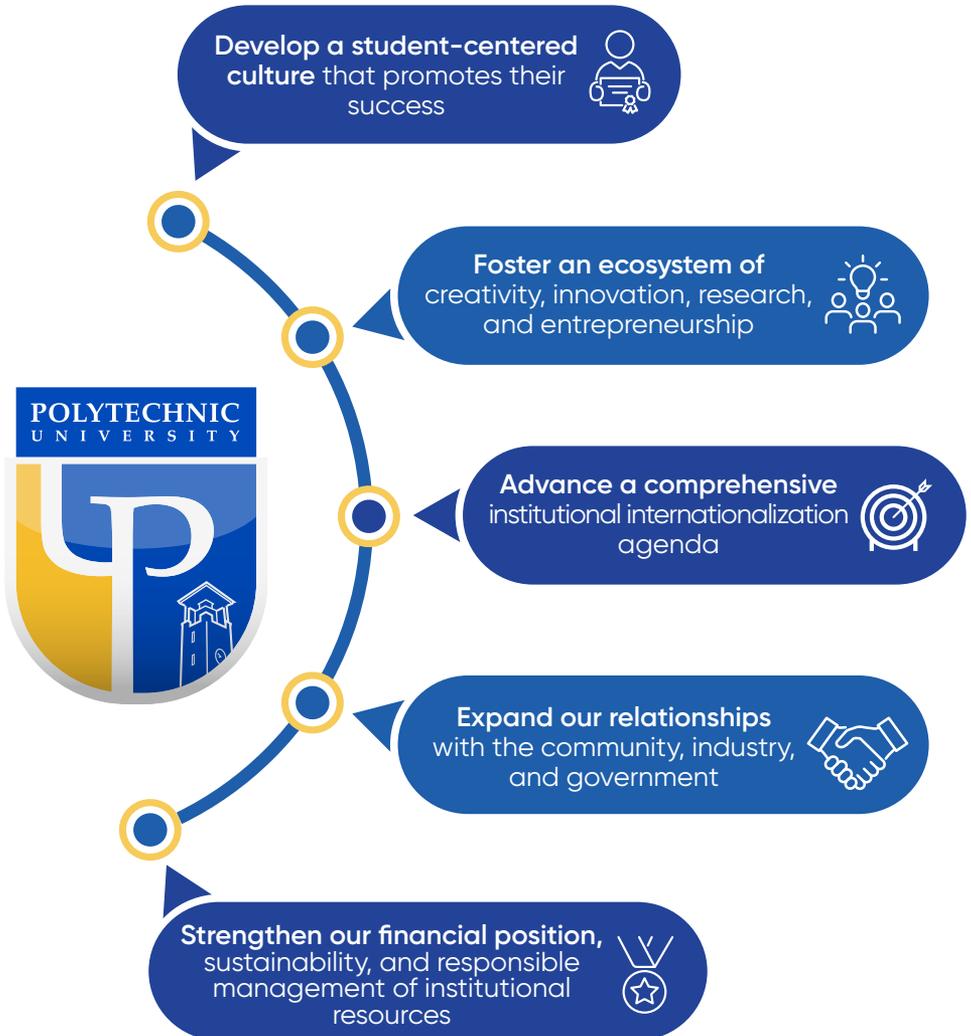


**Only university in Puerto Rico with online degrees in engineering** – biomedical, industrial, computer, environmental, and computer science



**Only university in Puerto Rico classified by QS Stars as a 4-star university:** 5 stars in teaching, online learning, academic development, and inclusion, and 4 stars in employability

# STRATEGIC PLAN GOALS 2022–2027





# LICENCIAS Y ACREDITACIONES



Engineering  
Accreditation  
Commission



Computing  
Accreditation  
Commission



## ACADEMIC EXCELLENCE



- First private university in PR recognized by QS Stars and QS Latam
- Largest private engineering school in PR and the U.S. for Hispanics
- +4,300 students from Puerto Rico and around the world
- Recognized as the first CAE/CDE in PR and by the U.S. DHS

## UNIQUE OFFERINGS



- Professors with real industry experience
- Hands-on education from day one
- High-tech laboratories and smart classrooms
- Computer Center, Architecture Workshops, and Maker Space

## UNIQUE AND FLEXIBLE PROGRAMS



- Biomedical, Environmental, Industrial, and Computer Engineering 100% online
- Quarterly calendar
- In-person, hybrid, and virtual study
- Bachelor's degrees with fewer credits and 4-year duration

## GLOBAL IMPACT



- 25+ alliances with universities in Spain, Germany, Chile, Colombia, Canada, and more
- Collaborations with agencies like NASA, NSA, Homeland Security, and National Science Foundation
- Part of the NSE Consortium
- Certifications and professional courses that include digital credentials verified through Credly® by Pearson

## CONFIANZA EN TU FUTURO



- Alta empleabilidad y mejores salarios para egresados
- Solidez financiera institucional
- Infraestructura moderna y bien mantenida
- Períodos académicos sin interrupciones



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