HUST 華中科技大學

Huazhong University of Science and Technology

A LEADING
COMPREHENSIVE
RESEARCH UNIVERSITY

HUST

A Leading Comprehensive Research University

A comprehensive research-based university

◆

A member of the Double First-Class Initiative, the new Excellence Initiative for Chinese universities.

◆

Among the top 10 universities in China by major international and domestic ranking agencies：

8th in China and **96th** worldwide by Shanghai Ranking 2022

6th in China and **106th** worldwide by US NEWS Ranking 2023

Location

Study in Central China

"Hua" (華) means "China"

"Zhong" (中) means "Center"

"Huazhong" all together refers to Central China, and this is where we are.

Huazhong University of Science and Technology is located in WUHAN:

- **The Capital of Hubei Province**
- **A Megacity with a population of 13 million**
- **Industrial, Educational, Cultural and Transportation Hub**
- **84 HEI with more than 1.3 million university students**
- **A reputation as "the City of Wetland"**

History

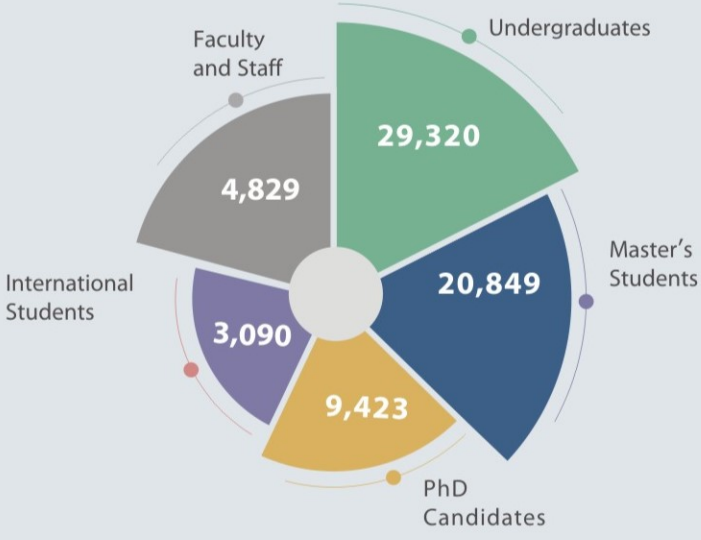
Together We Are Stronger

HUST was established in 1952, originally under the name of Huazhong Institute of Technology. In 2000, the former HUST merged with Tongji Medical University (founded in 1907) and Wuhan Urban Construction Institute (founded in 1952), to form the new Huazhong University of Science and Technology.

Facts and Figures

Grow and Prosper

3 campuses covering more than **1,631** acres



Undergraduate Programs **112**

Master's Programs **201**

PhD Programs **236**

Academics

In Pursuit of Excellence

As a comprehensive and multi-disciplinary research university, HUST covers 10 major disciplines: philosophy, economics, law, education, literature, science, engineering, medicine, management and arts.

- Discipline Strengths

- MACHANICAL ENGINEERING
- OPTICAL ENGINEERING
- MATERIAL SCIENCE & ENGINEERING
- POWER ENGINEERING & ENGINEERING THERMOPHYSICS
- COMPUTER SCIENCE & TECHNOLOGY
- BASIC MEDICINE
- PUBLIC HEALTH & PREVENTIVE MEDICINE
- CLINICAL MEDICINE
- BIOMEDICAL ENGINEERING
- ELECTRICAL ENGINEERING
- JOURNALISM
- MANAGEMENT

U.S.News & WORLD REPORT

- Energy & Fuels (#4)
- Optics (#8)
- Mechanical Engineering (#9)
- Electrical & Electronic Engineering (#10)

* Released by US News and World Report in 2022

软科世界一流学科排名 ShanghaiRanking's Global Ranking of Academic Subjects

- Instrumental Science (#7)
- Energy Science and Technology (#9)
- Nanoscience and Technology (#10)

* Released by Shanghai Ranking in 2022

- Discipline Clusters

- Advanced Manufacturing
- Optoelectronic Information
- Public Health and Preventive Medicine
- Electrical Engineering
- Brain-like Intelligence and Medical Engineering
- Computer Science and Technology
- Power Engineering and Engineering Thermo-physics
- Basic and Clinical Medicine
- Materials Science and Engineering
- Physics
- Management and Communication

Talents

Future Leaders with Global Competencies

We aim to foster a culture of striving for excellence across HUST and to educate our students with solid academic knowledge, enterprising spirits and with global perspectives.

We have implemented a comprehensive set of educational reforms across various academic programs to nurture students' innovative capabilities and equipping them with the skills to tackle real-world problems and challenges.

Research

- Research Facilities

HUST is home to four state-of-the-art national research facilities.

National Laboratory
- Wuhan National Laboratory for Optoelectronics

National S&T Infrastructures
- Wuhan National High Magnetic Field Center
- High-Precision Gravity Measurement Center

National Innovation Center
- National Innovation Institute of Digital Design and Manufacturing

National Engineering Research Centers
- Laser Processing
- CAD
- Anti-counterfeit
- Digitization of Manufacturing Equipment
- Numerical Control System
- Nanomedicine

National Engineering Lab
- Next Generation Internet

State Key Laboratories
- Coal Combustion
- Materials Processing and Die & Mould Technology
- Digital Manufacturing Equipment & Technology
- Advanced Electromagnetic Engineering and Technology

Research Highlights
- Most accurate value for the Gravitational Constant G
- World records for pulsed magnetic field parameters such as the 64 T pulsed magnetic field with flat-top
- the world's highest-resolution three-dimensional whole mouse brain atlas
- The world's first all-digital clinical PET machine

- Research Funding

HUST research funding has experienced a steady growth in recent years,

reaching

553 million USD

in 2022

Community and Service

A Commitment to Serve

We strive to turn the latest advances in labs into the driving forces of the economic and social development.

- Joint Research Institutes & Commercialization

- Developed 15 research institutes featuring commercialization with local governments and industries across China
- Incubated a number of innovation enterprises

- The International Education and Scientific Innovation Campus

- The International Education and Scientific Innovation Campus of HUST, also known as the Junshan Campus, which covers an area of 330 acres, will focus on key areas such as new materials, new energy, artificial intelligence, and life health, with the aim to strengthen the joint research of core technologies and to achieve more original and leading innovation outcomes.
- It is home to research institutes for interdisciplinary collaborative research & commercialization / joint education institutes / programs with global partners.

Four clusters for interdisciplinary collaborative teaching and research

New Materials & Digital Manufacturing	Information Technology & Artificial Intelligence
Life Science & Clinical Medicine	Clean Energy & Environment Protection

- Affiliated Hospitals

HUST has 10 affiliated hospitals among which Wuhan Union Hospital and Tongji Hospital stand out as large modern comprehensive hospitals that integrate the functions of medical service, teaching, scientific research and training.

Total Beds:	27,000+
Annual Outpatients:	25.2Million+
Annual Inpatients:	1.2Million+
Annual Operations:	479,600+

Global Outreach

Diversity Makes a Difference

Globalization plays a prominent role in HUST's development strategies.

- HUST Global Strategy 2030

In 2022, HUST has formulated the Global Strategy 2030 to serve as a roadmap to guide the university on its way to becoming a Double First-Class University, contributing to local and national strategic needs as well as building a human community with a shared future.

- Global Network and Mobility

HUST has long welcomed a wide range of international partnerships and exchanges. It has entered into cooperative relationships with 300+ Universities and Research Institutions from 41 Countries or Regions across the World. Over the years, it has cultivated more than 15,000 international students from more than 140 countries and regions. Besides, there are more than 1,500 foreign scholars and experts visiting HUST and giving lectures annually. Every year, HUST receives around 1,800 visits – both long-term and short-term – and organizes more than 2,000 overseas exchange visits for the university's faculty and staff. In addition, over 3,000 HUST students study abroad each year.

- Study Overseas Programs

- Over 300 outbound study abroad programs in 19 countries

- Types of programs: Joint / Double Degree Program, Student Exchange Program, Summer & Winter Program, Internships (including Clinical Internship), Research Practice Program, Social Practice Program, International Competition, International Conference, etc.

- Joint Institute / Program

HUST runs 1 Joint Institute and 1 Joint Program. Both are in collaboration with leading institutions in France.

- **The China-EU Institute for Clean and Renewable Energy (also known as ICARE)** is one of the major collaborative education projects under the China-EU high-level cultural exchange and dialogue mechanism and remains the only JI in China that provides joint education in clean and renewable energy.

- **The HUST - UPSaclay Joint Undergraduate Program of Biosciences** is in collaboration with Université Paris-Saclay. The program combines strengths from both institutions and aims to develop future-oriented talents in life sciences.

We look forward to establishing quality joint programs and institutes in partnership with more world-class universites.

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