



Colleges

3



Schools / Departments

21



Faculty

320



Professional / Specialized graduate schools

4



Students

4,833



Staffs

412



Deployment of State-of-the-Art Research Equipment

200 billion



Global Partnerships

Collaborating with 173 institutions across 38 countries

FIRST IN CHANGE



No. 4 in the World

UNIST ranked No. 4 globally in the 'World's Best Small University 2024' by the Times Higher Education (THE), showcasing its exceptional capabilities and robust international competitiveness. This ranking assesses universities with fewer than 5,000 students, and within the group of institutions with 3,500 to 5,000 students, UNIST secured the top position, ranking No. 1 among them. Additionally, in the 'THE Young University Rankings 2024,' UNIST achieved No. 15 place worldwide, further confirming its rising global prominence.



No. 1 in Korea for Eight Consecutive Years

In the 'CWTS Leiden Ranking 2024,' UNIST ranked No. 150 globally with a top 10% publication ratio of 13.1%, solidifying its position as Korea's No. 1 university for 8 consecutive years. Demonstrating its robust research capabilities, UNIST has published 28 papers in *Nature*, 17 in *Science*, and 3 in *Cell* over the past five years.



UNIST Homepage



UNIST News Center

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UNIST

ULSAN NATIONAL INSTITUTE OF SCIENCE AND TECHNOLOGY

Those who envision the future see new possibilities, challengers forge new paths, and pioneers make the impossible possible.

From the heart of Ulsan-Korea's largest industrial city and a hub of global companies-UNIST has achieved remarkable milestones in its short history, boosted by educational innovation and creative research.

By pioneering new paradigms, UNIST has grown into a world-leading science and technology university, continuously advancing and contributing to the prosperity of humankind.

UNIST, envisioning a better world, fearlessly embraces challenges and innovation, nurturing pioneering future talents and shaping a bold new era.

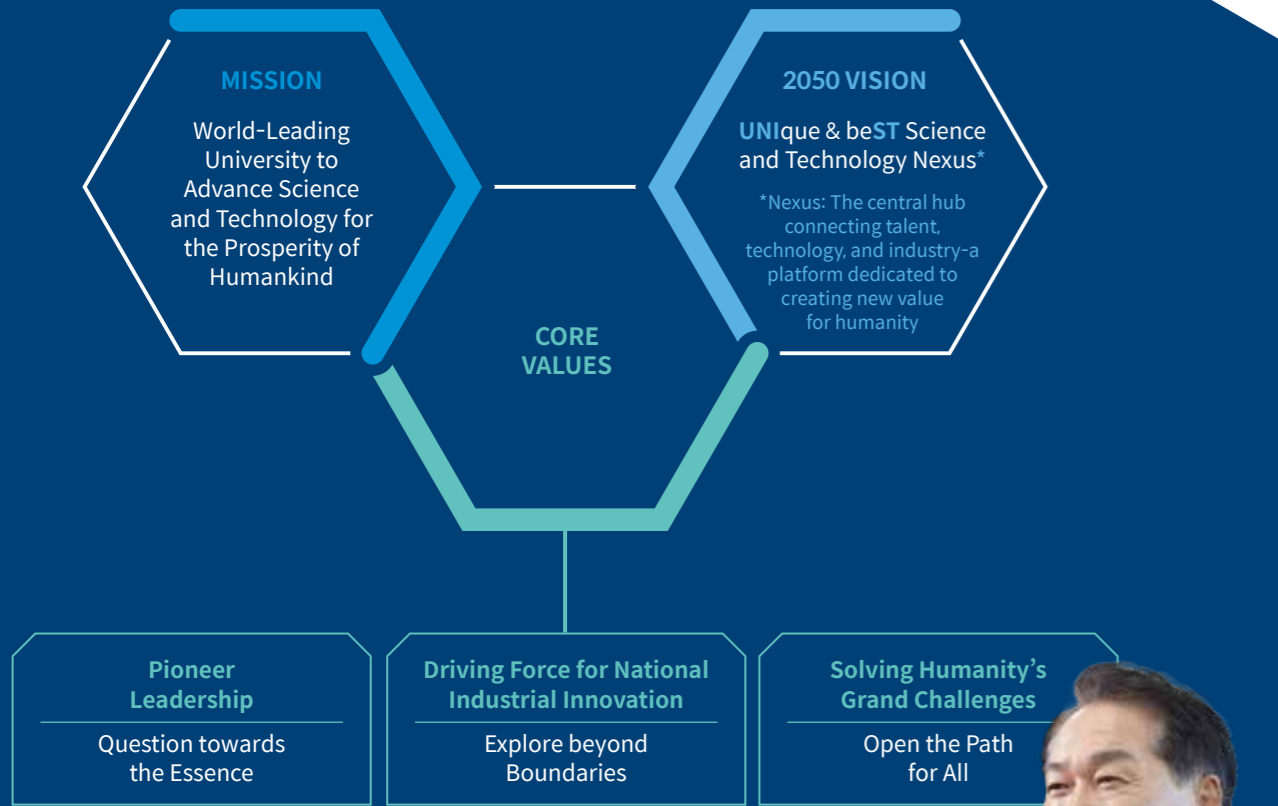
A PLATFORM FOR THE PIONEERS OF TOMORROW

HISTORY

2007. 09	Foundation of UNIST	2021. 09	Opening of Grad School of Semiconductor Materials & Devices Engineering
2007. 11	Inauguration of Dr. Moo Je Cho, the First President of UNIST	2022. 09	Opening of Grad School of Carbon Neutrality
2009. 03	Opening of UNIST & First Matriculation Ceremony	2023. 03	Establishment of Department of Semiconductor Engineering (Samsung Electronics-Contractual Program)
2011. 10	Declaration of UNIST Vision 2030	2023. 09	Opening of Grad School of Health Science and Technology
2013. 02	First Commencement Ceremony	2024. 07	Inauguration of President Chong Rae Park, the 5 th President of UNIST
2014. 04	Official Launch of 3 IBS On-Campus Research Groups	2024. 10	Selection for the 'Semiconductor Specialized University Project'
2015. 09	Official Launch of UNIST, as a Government-Funded S&T Research Institute	2025. 05	Official Launch of U Institute for Future Strategy
2018. 02	Establishment of UNIST Industry-University Convergence Campus	2025. 09	Opening of Novatus Graduate School
2020. 09	Opening of Grad School of Artificial Intelligence	2025. 09	Declaration of UNIST Vision 2050

UNIST

VISION



MESSAGE FROM THE PRESIDENT

A Bold Leap toward a Global Research-Oriented University via the Realization of UNIST 『PIONEERS PLATFORM』

Ulsan stands as the 'Land of PIONEERS,' where the founders of major Korean conglomerates planted their dreams and propelled their companies onto the global stage. Building on this pioneering spirit, UNIST has continued to grow through a genuine passion for research and academia.

We are undergoing an unprecedented transformation. The rapid advancements in AI and the emergence of quantum computing signify a profound shift in human civilization. Humanity must confront challenges that cannot be tackled with traditional methods. During such transitional periods, innovative thinking becomes essential for solving complex problems and creating new realities. Therefore, it is imperative that we cultivate 'PIONEERS-type' talents who embody a challenging and creative spirit.

Through the 'PIONEERS PLATFORM,' UNIST aims to forge a new chapter in education and research, strengthening its core identity and enhancing its global competitiveness.

This platform is anchored by three key initiatives: First, "PIONEERS Talent Cultivation Platform," Second, "Customized Convergence Research Platform for Each Stage of Technological Advancement," Third, "Glocal Win-Win Cooperation Platform."

Despite our relatively short history, UNIST has achieved remarkable milestones. Moving forward, we will continue our relentless pursuit of excellence, soaring alongside Ulsan onto the global stage. Our goal is to elevate UNIST to the level of Stanford—connecting the region and the world, and fostering a sustainable future.

UNIST President Chong Rae Park

Educational Excellence

UNIST is the first university in Korea to offer 100% lectures in English. All faculty members, including international professors, bring extensive global experience. UNIST emphasizes student-centered learning through flipped classrooms, participatory discussions, and Pioneers education utilizing digital platforms, such as Blackboard and CMS. Additionally, leadership programs are integrated to help students develop balanced growth in knowledge, virtue, and physical well-being. With a systematic educational framework and outstanding faculty, UNIST is dedicated to nurturing global talents capable of competing on the world stage, as well as future leaders equipped with practical experience and innovative problem-solving skills.

Colleges and Graduate Schools

College of Engineering

- Department of Mechanical Engineering
- Department of Civil, Urban, Earth, and Environmental Engineering
- Department of Semiconductor Engineering (Samsung Electronics-Contractual Program)
- Department of Materials Science and Engineering
- School of Energy and Chemical Engineering
- Department of Nuclear Engineering

College of Information & Biotechnology

- Department of Design
- Department of Biomedical Engineering
- Department of Industrial Engineering
- Department of Biological Sciences
- Department of Electrical Engineering
- Department of Computer Science and Engineering

College of Natural Sciences

- Department of Physics
- Department of Mathematical Sciences
- Department of Chemistry

Schools

- School of Liberal Arts
- School of Business Administration

General Graduate Schools

- Graduate School of Artificial Intelligence
- Graduate School of Health Science and Technology
- Graduate School of Semiconductor Materials & Devices Engineering
- Graduate School of Carbon Neutrality

Professional/Specialized Graduate Schools

- Graduate School of Technology & Innovation Management
- Graduate School of Creative Design Engineering
- Novatus Graduate School
- Graduate School of Interdisciplinary Management

STUDIES

UNIST cultivates future talents who will lead global competition, leveraging world-class infrastructure, an innovative education system, and state-of-the-art research facilities to prepare students for the challenges of tomorrow.



100%

English Lectures



Pioneers Education



Leadership Programs

RESEARCH

Guided by its mission of becoming a 'World-leading university to advance science and technology for the prosperity of humankind,' UNIST leads paradigm-shifting research across disciplines and in convergence.

UNIST Core Research Areas

Leading Areas

- Carbon Neutrality
- Artificial Intelligence
- Next-Gen Nuclear Energy
- Smart Manufacturing
- Smart Healthcare
- Smart Mobility

Super-Gap Areas

- Semiconductors
- Hydrogen
- Secondary Batteries

Future Challenging Areas

- Quantum
- Aerospace Engineering
- Oceans and Fisheries
- Shipbuilding and Defense

UNIST Office of Research Facilities and Training (ResFact)

To maximize research excellence, access to cutting-edge, high-performance equipment is essential. UNIST Office of Research Facilities and Training (ResFact), home to more than 300 advanced analytical instruments, forms the driving force behind UNIST's world-class research capabilities.

Research Impact

UNIST has attracted three on-campus IBS research groups, receiving KRW 30 billion in funding annually, totaling KRW 300 billion. In addition, 10 years from 2014 to 2024, UNIST has secured approx. KRW 1.4 trillion in research funding. The university has published 12,915 academic papers in SCI(E) journals, averaging 4.21 SCI(E) publications per professor, continuing its commitment to addressing global challenges, and seven faculty members named among "the world's top 1% of highly cited researchers." UNIST leverages its world-class research capabilities to develop innovative solutions aimed at making a global impact.



3 IBS Research Groups on Campus



KRW 1.4 trillion

Research Funding



No. 10 Nationwide for Total University Patent Registrations (2025 Academy Info)



No. 3 Nationwide for Patents per Faculty Member (2024 JoongAng Ilbo University Rankings)

12,915

SCI(E)-level Paper

INDUSTRY-UNIVERSITY

UNIST serves as a key driver of regional economic innovation, addressing industry challenges and actively advancing technology commercialization to generate new values and propel regional growth.

Driving Growth in the Local Industry

UNIST has launched the Novatus Graduate School, a practice-oriented engineering program designed to nurture innovative technology leaders equipped with practical problem-solving skills grounded in the latest industry advancements. In particular, UNIST is focused on enhancing AI capabilities to drive the future of industry and innovation. Furthermore, UNIST established the 'U Institute for Future Strategy,' serving as a strategic think tank for regional development. Through this, UNIST leverages its research expertise to design and implement innovative strategies that foster growth and competitiveness in local industries.

Innovative Startups

As of June 2025

UNIST actively supports faculty- and student-led startups based on advanced technology expertise. To date, 192 startups founded by UNIST members have become key engines of regional innovation, collectively valued at approx. KRW 1.4 trillion.

No. of Startups
Faculty Startups : 78
Student Startups : 114

Five-Year Survival Rates
Faculty Startups : 88.9%
Student Startups : 55.6%
Total : 70.7%



192 Startups

Promoting Technology Holding Companies

- Public Technology Commercialization Fund: KRW 12 billion
- Assets Under Management (AUM): KRW 23.2 billion
- Cumulative Investment : KRW 7.3 billion
- Investment Cases : 28 (25 Companies)



KRW 1.4 trillion Total Enterprise Value