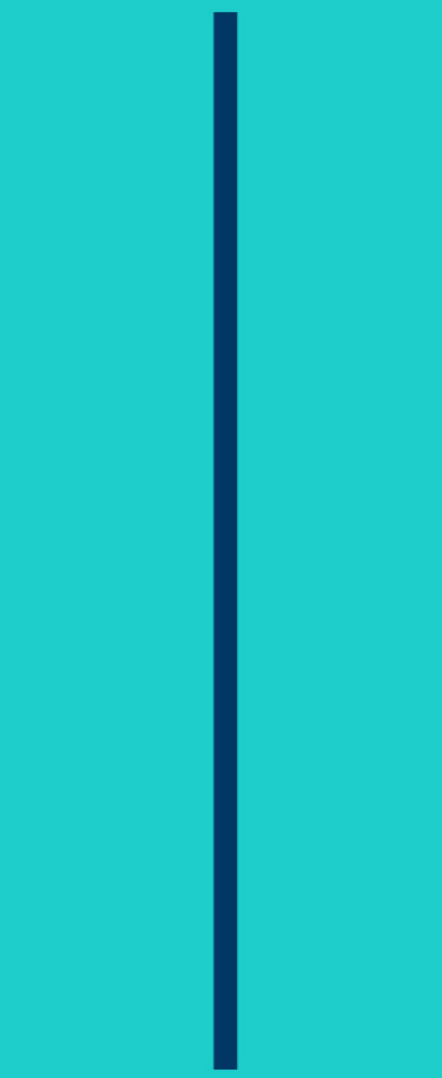
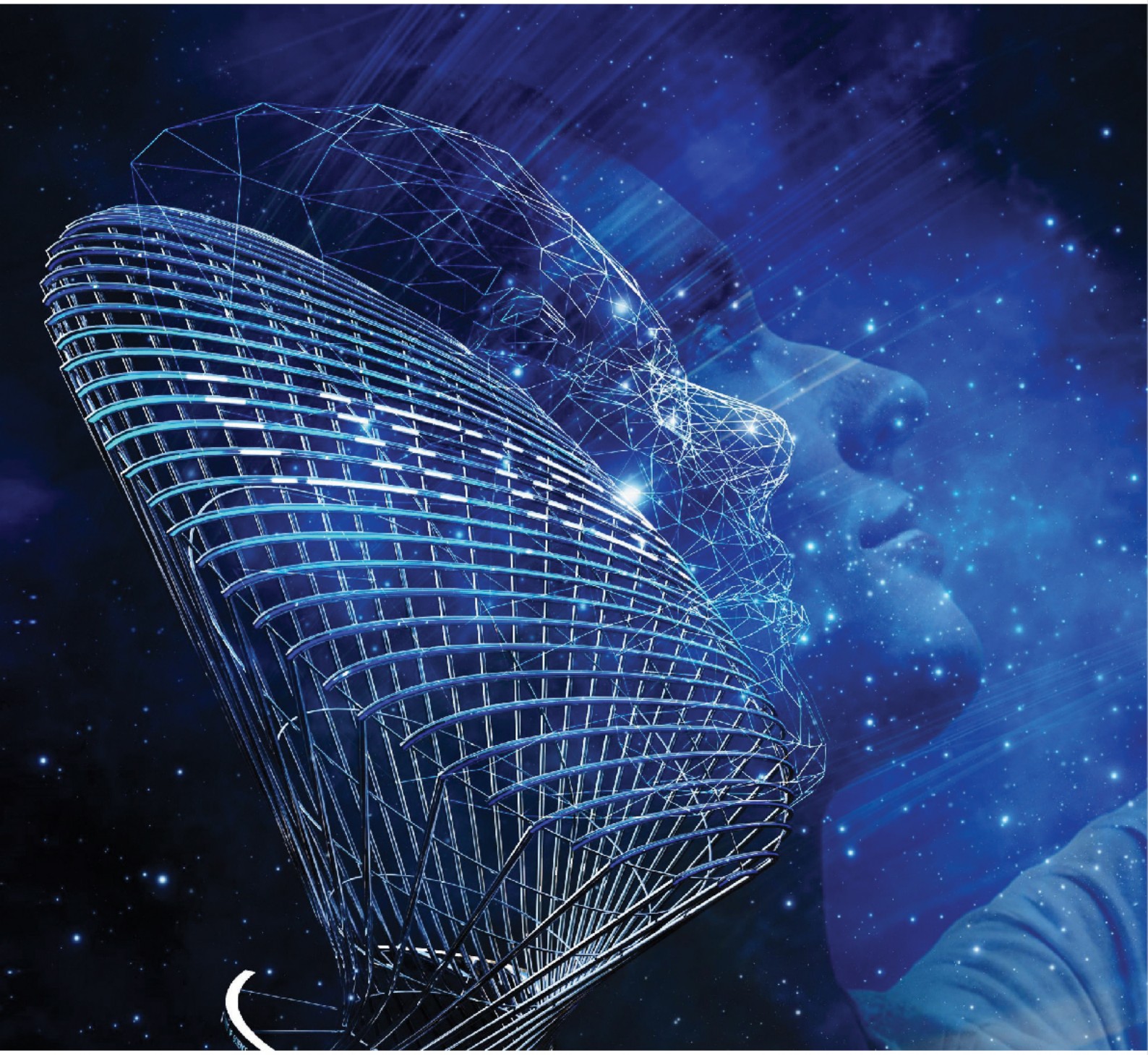
FIRST IN CHANGE



UNIST

ULSAN NATIONAL INSTITUTE OF
SCIENCE AND TECHNOLOGY

2007



UNIST's Symbolic Landmark - **Face the Future**

UNIST has established a new symbolic landmark to further enhance its global presence. Professor Yunwoo Jeong in the School of Design and Human Engineering at UNIST proposed the design. The key theme of this new landmark is "Face the Future". The theme encompasses UNIST's vision to contribute to the prosperity of humankind, as well as the light that illuminates the world with scientific and technological advances.

CONTENTS

A Message from the President

University excel at "things that must be done" rather than simply "doing well"

UNIST will change the world

UNIST's remarkable growth to this day was possible by selecting and concentrating on "Doing well." The strategy of overcoming a newly founded university and effectively using limited resources and time made it possible for UNIST to become an innovative, research-centered university. We must move from simply "doing well" to excel at the "things that must be done."

We live in an era where the presence of technology is overwhelming. Research-centered universities should thus be able to effectively educate talented people who will lead the future through these times, to lead technological innovation, and to provide a foundation for new industrial development. The "things that must be done" by UNIST is to carry out education and R&D beyond the speed of technological innovation. To do so, we would like to propose five major tasks to realize this goal.

First, We will lead the innovation of the educational system.

Second, We will start a new convergence research centered on Artificial Intelligence.

Third, We will lead Ulsan become a Smart Industrial City.

Fourth, We will lead the change and innovation of UNIST through cooperation and communication.

Fifth, We will establish the foundation for the sustainable growth of UNIST.

We will make every effort to secure excellent new professors, the best scholars and talent needed to establish the research and education infrastructure. In particular, We will cooperate with the central government, the City of Ulsan and the Ulju-gun municipal government to expand contributions, discover new programs and attract large-scale projects.

"First In Change," the slogan of UNIST, denotes the willingness pioneer innovation, not simply following the latest trends. In order to become an innovative school, we must have an innovative culture and system within the school.

We will exert every effort with splendid cooperation in this regard to achieve sustainable growth of UNIST.

Thank you in advance for your continued support and interest.

President of UNIST
Yong Hoon Lee 

HISTORY

'Challenges' for a Better World : UNIST's Ongoing Journey

2009

- UNIST's 1st Entrance Ceremony (Founding President Dr. Moo Je Cho)
- 2 undergraduate schools, selected for World Class University (WCU) Nurturing Project

2010

- Opening of Hans Schöler Steam Cell Research Center

2011

- Selected as one of 4 national research institute of science and technology with special support by the Ministry of Education, Science and Technology.
- Vision 2030 Declaration Ceremony

2013

- UNIST's 1st Graduation Ceremony
- The office of the ministry concerned was changed to the Ministry of Science, ICT and Future Planning (UNIST, KAIST, GIST, DGIST)
- Official launch of IBS 'Center for Multidimensional Carbon Materials'

2014

- Official launch of IBS 'Center for Soft and Living Matter'
- Completion of construction work for IBS 'Center for Multidimensional Carbon Materials'
- Official launch of IBS 'Center for Genomic Integrity'

2018

- Completion of UNIST Industry-University Convergence Campus
- Completion of New Symbolic Landmark of UNIST
- Opening of Haedong Faculty Lounge

2016

- Completion of the 2nd phase expansion of research space
- Official launch of the UNIST Business Innovation Center
- Establishment of Korean Branch of Fraunhofer Research Group

2017

- Hosting of the 4th Industrial Revolution Forum in Ulsan
- Opening of UNISPARK
- Opening of the Industry-Academia Battery R&D Center

2015

- Declaration of Ulsan National Institute of Science and Technology Act.
- Official launch of UNIST, as a government-funded research institute for science and technology
- Inauguration of Dr. Mooyoung Jung, as the 3rd President of UNIST
- Official launch of the UNIST Global Innovation Campus at UC Berkeley

VISION

World-leading university to advance science and technology for the prosperity of humankind.

GOAL

- To be ranked among the world's top 10 universities of science and technology by 2030
- Securing USD 10 billion Development Fund by 2040.

STRATEGIES

Education	**Creativity** Flipped Learning Self-directed Learning	**Interdisciplinary** Non-major Matriculation 2 or more interdisciplinary majors	**Globalization** 100% English -taught Courses
Research	Nurturing Researcha Brands (Interdisciplinary Group Research)	Local and Industry Specific Research	Domestic /International Research Collaboration
Contribution to the National Economy	Creation of New Industries Based on Original Core Technologies	Development of One-Stop Startup Ecosystem	Creation of Innovation-led Growth Engines

Vision Goals Strategies

WORLD CLASS FACULTY

"Competitiveness of professors speaks to the competitiveness of a university"

Footsteps of global scientists are headed towards UNIST.
We are opening up the future of new science for mankind.

Jae Sung Lee

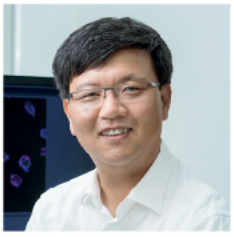
- World leading Scientist in Photo- Catalytic Water Splitting area
- Research on photo-catalytics hydrogen, fuel cell and Eco-friendly catalyst
- Author of over 340 SCI papers and a holder of over 100 registered patents
- Received 2007 Thomson Scientific Citation Laureate Award

Steve Granick

- Director of 'Center for Soft and Living Matter'
- Member of American Academy of Arts and Sciences (2016)
- Member of the U.S. National Academy of Science (2015)
- Received ACS (American Chemical Society) Award in Colloid (2013)

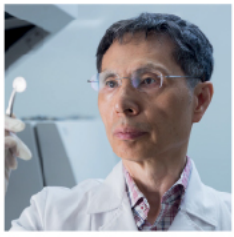
Rodney S. Ruoff

- Director of 'Center for Multidimensional Carbon Materials'
- No. 16 among world's material scientists selected by 'Thomson Reuters' (2007)
- Research papers cited over 42,000 times
- Reaching the H-index of 100 (2015)



Kyungjae Myung

- Director of 'Center for Genomic Integrity'
- Leader of anti-cancer medicine development
- Lifetime researcher of NIH, US
- Scientist of the Year Award from KSEA and KOFST (2017)



Kwang Soo Kim

- National scientist in chemistry field (2010)
- Korea's Best Scientist & Engineer Award (2010)
- The first Korean member of International Academy of Quantum Molecular Science
- Published about 400 SCI papers in 'Nature' and 'Science'

Sang Il Seok

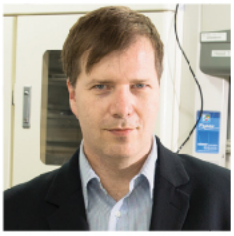
- Korean Science-Engineering Award (2017)
- PVSEC Award (2015)
- Science and Technology Medal from Korean Goverment (2014)
- Author of over 200 articles in world-leading scientific journals (Nature, Science etc.)

DISTINGUISHED YOUNG SCHOLARS

Promising young scholars in their 40s are knocking at UNIST's door.

Christopher W. Bielawski

- A Most Cited Researcher in Materials Science and Engineering according to Elsevier (2016)
- Fellow of the Royal Society of Chemistry (2014)
- Recipient of many awards, including PECASE (2009), Sloan Foundation (2008), etc.
- Author of over 250 publications in leading scientific journals



Bartosz Grzybowski

- Feynman Prize in Nanotechnology (Foresight Institute, 2016)
- Fellow of the Royal Society of Chemistry (2015)
- Nanoscience Prize (International Society for Nanoscale Science, Computation and Engineering) (2013)
- Sloan Fellowship (2007) & Pew Scholar in the Biomedical Sciences (2006)

Choi Eunmi

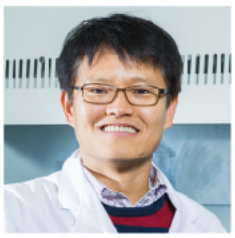
- World-top research in THz source development
- First experiment in Remote radioactive material detection
- UNIST Rising-Star Distinguished Professor 2017
- KIEES Young Research Award 2017

Jaesik Choi

- Director of Explainable Artificial Intelligence Center, Ministry of Science & ICT (2017-)
- POSCO Steel Fellow Professor (2017-)
- Winner of International Digital(AI) Curling Competitions (2017, 2018)
- State-of-the-art Research at Time Series Data Analysis

Kyung Rok Kim

- Selected for 'Next-generation Semiconductor' Project by Samsung Science and Technology Foundation (2017)
- Paper Presentation at IEEE Symposium on VLSI Technology (2017)
- IEEE-NANO Best Paper Award (3 Times in a Row)
- RSC Nanoscale Horizons Prize at IEEE-NANO (2015)



Youngsik Kim

- Established world's 1st seawater battery (2013)
- CEO of Energy Technology Startup "4 to One" (2015)
- Organization of an industry-academia-related consortium for promoting the technology commercialization of seawater batteries (2015)
- Author of over 92 SCI papers and a holder of 42 registered patents

UNIST AT A GLANCE

Campus Area (m², As of Mar. 2019)

1,041,657

Number of Undergraduates (As of Mar. 2019)

3,096

Number of Graduates
(Enrolled Students, As of Mar. 2019)

1,911

Average Scholarship Per Student
(1,000 won, Based on 2018 College Information Disclosure)

6,139.2

Domitory Accommodation Rate
(%, As of Mar. 2019)

130.7

Number of Full-time Faculty Members
(As of Mar. 2019)

325

Average Age of Full-time Faculty Members
(Western Age, As of Mar. 2019)

43.8

International Faculty/Student Ratio
(%, As of Mar. 2019)

16.7 Faculty

6.3 Student
(Attending Students)

Attraction (Cumulative) of External Research Grant, 2018
(100 billion won, IBS Included)

1,265.24

WORLD RANKINGS

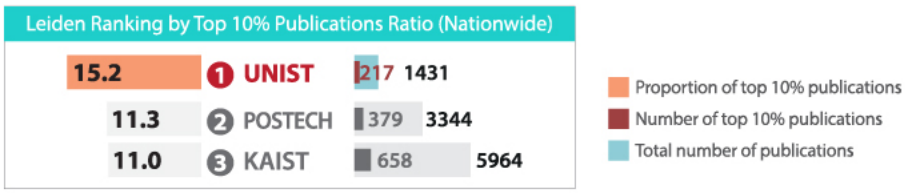
'UNCERTAINTY' into 'CERTAINTY'

The rapid growth of UNIST is surprising the world.

2018 CWTS Leiden Ranking

UNIST Retains Its Position as S. Korea's No. 1 University for Second Consecutive Year

- UNIST maintains dominant position in the quality assessment of a research paper, which determines research excellence
- Ranked 52th in the world
- Only S. Korean university to be included in the top 100 (Based on Fractional Counting)



THE World University Rankings

2018 THE Young University Rankings, UNIST Ranked No. 6

- THE Young University Rankings list the world's best universities that are 50 years old or younger and with fewer than 5,000 students.

2018 World's Best Small Universities

Small university 2018 rank	University	Country / Region	Number of students
1	California Institute of Technology	United States	2209
⋮	⋮	⋮	⋮
6	**UNIST**	**South Korea**	**4046**
7	Clark University	United States	3316
8	Swedish University of Agricultural Sciences	Sweden	3812

2018 JoongAng Daily University Assessment

UNIST Takes Strong Position in the 2018 JoongAng Daily University Assessment

Departments	Ranking	Universities Ranked within Top 10% of Total Scores
Energy Eng.	Top	**UNIST**· Hanyang University (Seoul Campus, Energy Engineering Dpt.)
Nuclear Eng.	High	**UNIST**· KAIST (Nuclear and Quantum Engineering Dpt.)
Business Admin.	High	**UNIST**· Kyungpook Nat'l Univ. · Gyeongsang Nat'l Univ. · Sungkyunkwan Univ. · Sookmyung Women's Univ. · Yonsei Univ. (Seoul Campus)· Chonnnam Nat'l Univ. · Chung-Ang Univ. · Hongik Univ.

2018 Highly Cited Researchers

Eight UNIST Researchers Named 'World's Most Highly Cited Researchers'

- Rodney S. Ruoff was named in 3 fields of the sciences, while Jaephil Cho was named in 2 different fields
- With 6 recipients in Materials Science (3) and Chemistry (3), UNIST is the nation's largest recipient of Highly Cited Researchers

Rodney S. Ruoff

Jaephil Cho

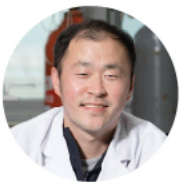
Jin Young Kim

Christopher W. Bielawski

Sang Il Seok

Kwang Soo Kim

Jong-Beom Baek



Chaekyu Kim

UNIST RESEARCH BRANDS

"Human-centered Science and Technology"

UNIST develops core technologies that will lead the future of science and technology.

STEP 1 Nurturing Research Brands

- Focused R&D for Original Core Technologies
- Interdisciplinary Group Research

STEP 2 Commercializing Developed Technologies

- Establishment of UNIST Technology Holding Company
- Revitalization of Industry-University Collaboration
- Technology Transfer & One-stop Startup Assistance

STEP 3 Creating New Industries

- New Growth Engines for the Nation
- Global Unicom Companies

STEP 4 Innovation-led Growth Engines

Research Brands

Next-generation Energy

- Seawater Batteries
- Perovskite Solar Cell
- Carbon Recycling
- Lithium-ion Secondary Batteries (LIBs)
- Offshore Wind Power

Next-generation Materials

- Lightweight Composite Materials
- Graphene/2D Materials
- Smart Sensors

Biomedical Science

- Photoacoustic Endoscopy (PAE)
- 3D Bioprinting
- Innovative Medicine
- Genome Korea in Ulsan Project

ICT Convergence

- Ultra-Low Power Neuromorphic Chip
- Hyperloop
- Data Science
- Complex Disaster Response Technology

RESEARCH FACILITIES

"Power to Change the World"

Delivering cutting-edge research,
supported by world-class research environment

UCRF

UNIST CENTRAL RESEARCH FACILITIES

8 Main Research Laboratories

- Material Analysis Lab
- Nano Fabrication Center
- Environmental Analysis Center
- Design and Manufacturing Center
- In Vivo Research Center
- UNIST-Olympus Bio-med Imaging Center
- Radioisotope Safety Lab
- UNIST Synchrotron Radiation Center (USRRL)

Major Research Equipment

- Advanced TEM
- E-Beam Lithography
- GC HRMS Spectrometer
- Nano Machine
- 7T MRI
- Super Resolution Microscope

Equipped with over **250** pieces of research equipment

Hosting 3 IBS Campus Research Centers

Secured 300 billion KRW in research grants for up to 10 years.

Research Center 1 Center for 'Soft Living and Matter' / Distinguished Prof. Steve Granick

Research Center 2 Center for 'Multidimensional Carbon Materials' / Distinguished Prof. Rodney S. Ruoff

Research Center 3 Center for 'Genomic Integrity' / Distinguished Prof. Kyungjae Myung

Joint Research Centers with Germany's Major Research Institutes

Center for Jülich-UNIST joint Leading Institute for Advanced Energy Research (JULIA)

- Acceleration of Collaborative Research on Renewable Energy Sources
- Study of Energy Sources of Tomorrow, such as 3rd Generation Photovoltaics

Fraunhofer Project Center@UNIST (FPC@UNIST)

- Development of Mass Production Technologies for Low Dimensional Carbon Materials and their Applications
- Development of Carbon Nanomaterials/Polymer Nanocomposites

Battery R&D Center

- World's Largest R&D Center for Secondary Battery Research
- Equipped with Leading-edge Research Equipment, including TEM/STEM, Direct Ion Beam Microscopy, Real-time Battery Analyzing Devices
- New Industry-Academia Cooperation Hub for Secondary Battery Research

Center for Seawater Resource Technology

- Securing Seawater Resource Technologies
- Elevation and Commercialization of Seawater Resource Technologies

KOrean Genomics Industrialization and Commercialization Center (KOGIC)

- Development of Core Technologies for Biomedical Information Processing through the Convergence of Omics and Genomics
- Development and Commercialization of Genome-based Personalized Medicine

Government-Supported R&D Research Centers

Advanced Research Center (SRC)/ Basic Research Lab (BRL)

- Selected for NRF Advanced Research Center Project (2 SRC Centers, 1 CRC Center, 3 BRL Centers)

Explainable Artificial Intelligence Center (XAIC)

- Selected for the National AI Strategic Project

Self-Powered Mobile Tracker Research Center

- Selected for 2017 ITRC Project

UNIST IN THE WORLD

"Becomes the Center of the World"

Delivering cutting-edge research that will lead to the future of science and technology

UNIST, A Truly International University in Korea

- 100% English-taught Courses
- Over 2/3 of professors with world-renowned university degrees (Harvard, MIT, Stanford, Oxford, etc.)
- Recruiting and retaining excellent and diverse faculty with hands-on research experience in world-renowned organizations
- Global Scientific Talents: 324 international students from 34 countries have been educated at UNIST (Enrolled Students, As of Mar. 2019)

Official Launch of UNIST Global Innovation Campus Program at UC Berkley, U.S.

8 teams (5 Faculty, 3 Student Businesses) have been sent out since the launch in October, 2015

Participation in UC Berkeley Entrepreneurship Boot Camp (2 Student Businesses)

UNIST-Harvard SEAS 'Multicultural Internship Program'

A total of 10 students are picked, 5 each from UNIST and Harvard SEAS

Students will engage in various cultural and educational activities over the course of two weeks, which will help foster a collaborative mindset and develop a global mindset

UCSD Global Startup Mentorship Program

Connecting UNIST startup companies with startup mentors in UCSD

1:1 customized mentoring programs, aimed at entering the U.S. market
(As of 2017, 2 faculty businesses participated)

Networking with World's Best Universities

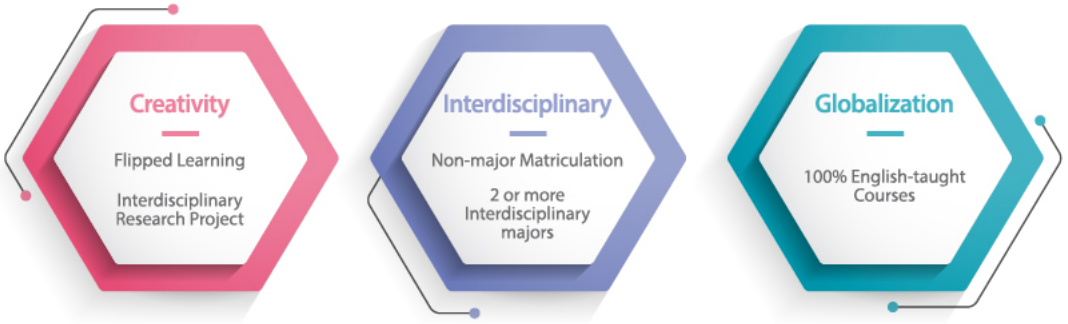
Networking with 76 world-leading universities and organizations from 28 countries

EDUCATION MODEL

"Leading the Paradigm of Science & Technology Education"

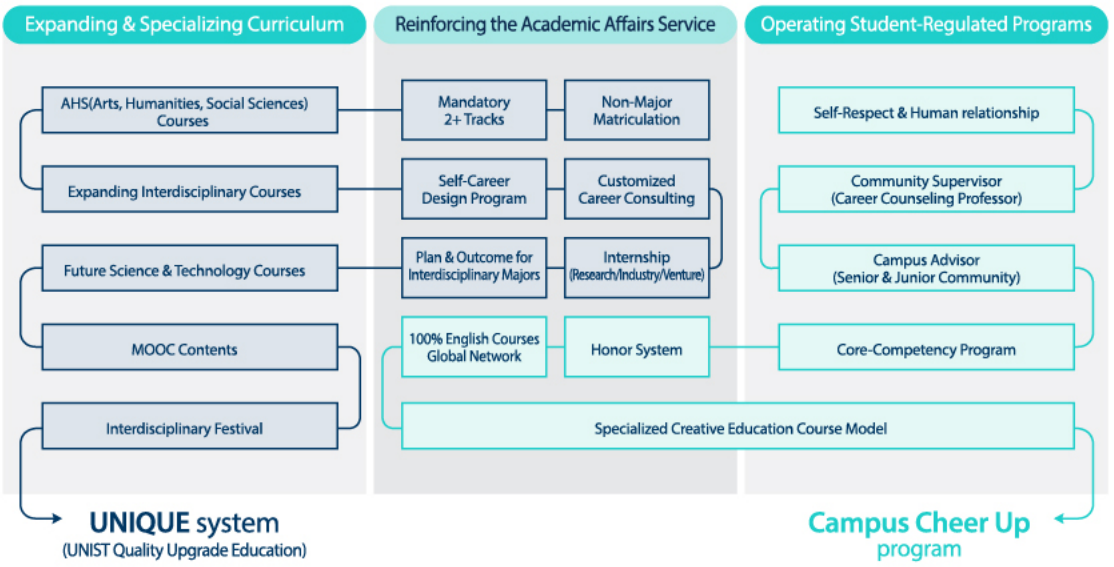
Implementation of Creative Interdisciplinary Education
based on Project Experience

UNIST Education Strategies



UNIST Creative Interdisciplinary Education System

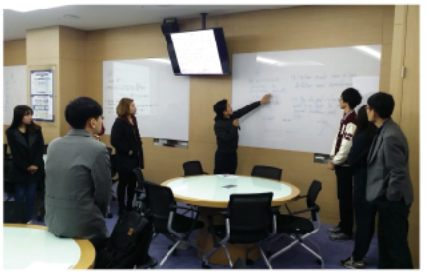
UNIST performs creative interdisciplinary education that equip UNIST students with critical thinking skills and problem solving abilities to creative new value.



Self-directed Learning Environment

Flipped Classroom

Group-centered learning environments, such as discussions, presentations, and group projects

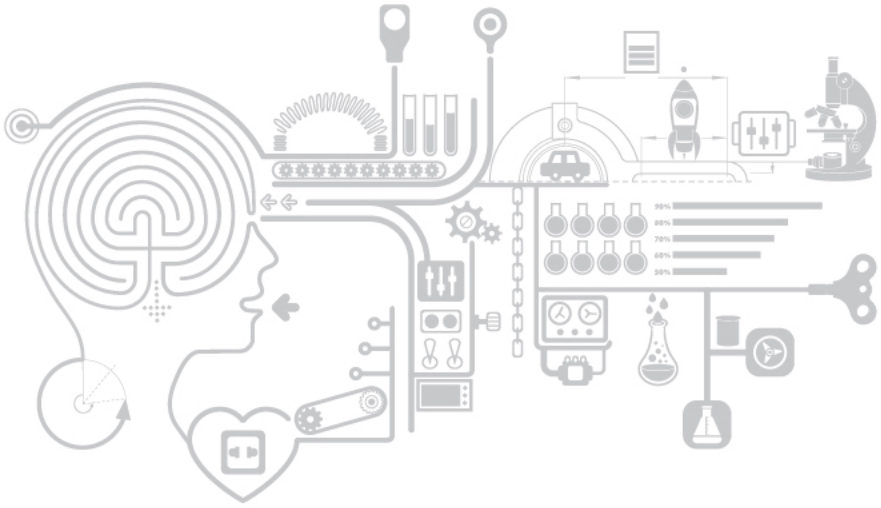


Learning Commons

Self-directed learning through cloud computing technology

UNDERGRADUATE STUDIES

UNIST offers a breadth of highly-regarded
degree programs that allow students the freedom
to explore their intellectual and personal passions.



10 Schools and 23 Tracks

Division of General Studies

The Division of General Studies (DGS) is responsible for students' general cultural education during their freshmen year. DGS offers courses in Mathematics and basic sciences (Physics, Chemistry, Biology) as well as basic IT and management courses that provide a solid foundation for students when they study major fields of their choice. In order to cultivate a wide intellectual horizon, an innovative creativity, and a harmonious personality for each student we offer essential courses in humanities, social sciences, English, and arts.

School of Natural Science

The School of Natural Science offers three tracks, namely, Mathematical Sciences, Physics and Chemistry. The School believes that the mutual synergy between science and technology will form the basis for an economically and politically sustainable society, and strives to contribute to our society in such a manner through academic excellence. The School pursues to train global leaders that will play a pivotal role in our society through advances achieved in natural sciences and their applications.

* Track: Mathematical Sciences, Physics, Chemistry

School of Electrical and Computer Engineering

The School of Electrical and Computer Engineering at UNIST is dedicated to educating students in interdisciplinary scholarship that will serve for our future society. Our teaching and research take places in interdisciplinary programs and institutes where traditional departmental boundaries are things of the past. Our mission is to provide enabling technologies for the future way of life through the convergence of electrical and computer engineering with new nano, bio, and environmental technologies.

* Track: Electrical Engineering, Computer Science and Engineering

School of Life Sciences

The School of Life Sciences aims to improve human health by interdisciplinary research and education in biomedical sciences and engineering through the convergence of fundamental biology, nanotechnology and various engineering principles. In order to meet the increased needs in healthcare and advanced medical theragnostics, The School of Life Sciences pursues to train creative global leaders through interdisciplinary research and education programs.

* Track: Biological Sciences, Biomedical Engineering

School of Energy and Chemical Engineering

The School of Energy and Chemical Engineering was designed for an emerging field combining chemical engineering principles with research about energy conversion and storage. The field of Energy and Chemical Engineering encompasses a wide range of interests including green chemical processes, chemical engineering, advanced materials, and energy conversion and storage. Students can achieve in-depth knowledge and hands-on experience on catalysts, nanomaterials and devices, polymers, fine chemicals, applied molecular chemistry, and other chemical and energy engineering-related subjects.

* Track: Energy Engineering (Battery Science and Technology), Chemical Engineering

School of Mechanical, Aerospace and Nuclear Engineering

The School of Mechanical, Aerospace and Nuclear Engineering (MANE) consists of three tracks such as Mechanical and Aerospace Engineering (MAE), Nuclear Science and Engineering (NSE), and System Design and Control Engineering (SDC). The MANE focuses on world-class research and education in order to nurture creative experts and scholars who can contribute to the development and advancement of cutting-edge industries. Although the MANE provides three disciplines with students, it together emphasizes the creativity and ingenuity of the education.

* Track: Mechanical and Aerospace Engineering, Nuclear Science and Engineering, System Design and Control Engineering

School of Management Engineering

The School of Management Engineering is dedicated to creating and disseminating advanced knowledge to plan and operate business strategies of corporations. Our teaching and research emphasize synthetic, interdisciplinary, and practical approaches by linking engineering, science, and management disciplines. We are currently playing the leading role in a wide array of areas including manufacturing, technology management, and financial engineering. Students are encouraged to be involved in a variety of academic and industry projects and to cultivate a global mindset.

* Track: Management Engineering

School of Design and Human Engineering

The School of Design and Human Engineering (DHE) produces graduates who will be able to use creatively new technologies, sciences and humanities for the design of solutions that are usable and functional for various applications from varying areas. DHE consists of two tracks, Industrial Design and Human Factors Engineering. You can choose to become a design engineer or a human factors engineer. Both disciplines become more and more important in current and future society.

* Track: Industrial Design, Human and Factors Engineering

School of Materials Science and Engineering

The School of Materials Science and Engineering is an interdisciplinary field which emphasizes the study of processing-structure-property relations in materials. In order to develop new materials and find their applications, it is important to understand the fundamental relationship between the structure, processing and properties. The School of Materials Science and Engineering covers conventional materials to most advanced materials including nano materials and beyond.

* Track: Advanced Materials Science, Nano Materials Engineering

School of Urban and Environmental Engineering

Envisioning a safe and sustainable society against various natural and man-made hazards, the School of Urban and Environmental Engineering(UEE) provides unique, interdisciplinary educational programs rooted from Environmental Science and Engineering, Urban Infrastructure Engineering, and Disaster Management Engineering. Our educational programs are driven strongly by top-notch research areas of the school focusing on advanced environmental analysis and pollution control for water and air, earth and climate studies for monitoring, prediction, and mitigation of global climate change, safe and resilient construction and material engineering technologies for building and infrastructure, disaster-resilient urban planning, and the policy and technologies for the natural and man-made disaster management and mitigation.

* Track: Environmental Science and Engineering, Urban Infrastructure Engineering, Disaster Management Engineering

School of Business Administration

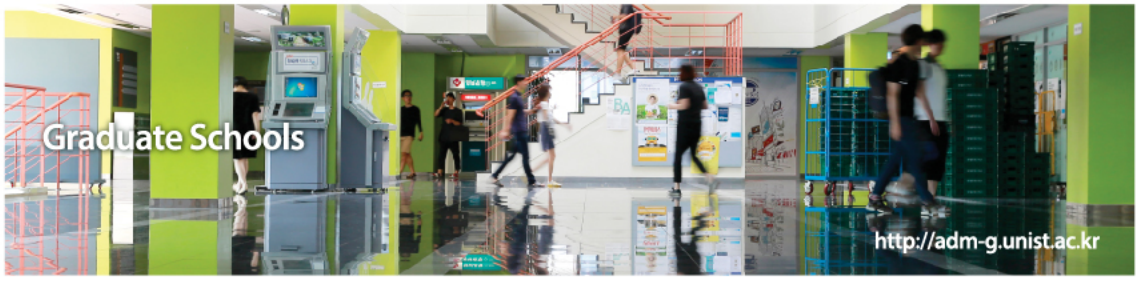
The School of Business Administration offers various academic tracts in General Management, Information Systems, Entrepreneurship, Finance & Accounting, Marketing & International Business. By majoring in these tracks, students are provided with the frontiers of theory and practical knowledge in business and technology management.

* Track: Management, Finance & Accounting, Entrepreneurship

GRADUATE STUDIES

Equipped with world-class research and development equipment, UNIST graduate programs conduct cutting-edge interdisciplinary studies to nurture innovative convergent talents in design, technology, and management.

General Graduate Schools (19 Programs) / Professional Graduate Schools (2) / Specialized Graduate School (1)



Programs	Research Areas
Mechanical Engineering	Multiscale System and Materials, Bio & Intelligent Robots, Multiscale & Multiphysics Simulation, Smart Nano, Bio Mechanical Systems, Complex Systems Design, Smart Factory
Nuclear Engineering	Nuclear Materials Engineering, Nuclear Thermal Hydraulics, Radiation Science, Nuclear Reactor Theory, Nuclear Fuel and Fuel Cycle, PSA
Environmental Science and Engineering	Remote sensing, Comprehensive monitoring of environmental pollution, Water treatment, Forecasting of weather and climate change, capturing of greenhouse gases
Urban Infrastructure Engineering	Design of Infrastructure systems, Urban planning, Structure design and mechanics, Construction materials
Disaster Management Engineering	Natural and social hazard monitoring, Disaster risk reduction/prevention
Convergence of Science and Arts	Integrating arts(art, humanities, and economy) into Science for future welfare system and community
Human Factors Engineering	Physical-Cognitive Ergonomics, Human-Computer Interaction, Human Behavior Modeling, Human Centered Design
Materials Science and Engineering	Opto-Electronics Convergence Materials and Devices, IOT Sensor and Self-Powered Devices, Wearable/Flexible Electronics Materials and Devices, Extreme Environment Materials/Light Structural Materials, Programmable Materials (4D Printing, Meta Materials, and so on), Design-Building-Characterization for Low-Dimensional Materials, Materials Reliability
Battery Science and Technology	Next Generation Battery
Energy Engineering	Electrochemistry, Next Generation Solar Cells, Graphene, Energy Conversion Materials
Chemical Engineering	Nano-Convergence Devices, Catalysis, Green Chemistry, Biomolecular and Metabolic Engineering
Electrical Engineering	Communications and Networking, Control and Robotics, Image Processing and Computer Vision, Digital & Analog Circuit Design, Electromagnetics, Power Electronics, Electronic Devices, Optical Devices
Computer Science and Engineering	Cloud Computing, Network, Computer Science Theory, Artificial Intelligence, Visualization, System Software
Biomedical Engineering	Biosensing, Bioimaging, Genomics & Biophysics, Tissue Engineering & Bioprinting
Biological Sciences	Cancer, Metabolic Diseases, Neurodegenerative Diseases, Genome Instability
Chemistry	Inorganic Chemistry, Organic Chemistry, Physical Chemistry, Theory/Modeling Chemistry, Chemical Biology, Materials/Polymer Chemistry
Physics	Plasma/Beam/Astrophysics, Quantum Material/Optical Physics, Soft Matter/ Biological Physics
Mathematical Sciences	Algebra, Analysis, Topology, Probablilty, Computational Mathematics, Financial Mathematics, Mathematical Biology
Management Engineering	Management of Technology/Strategy/Entrepreneurship, Production management/Management Engineering, Management information systems, Marketing, Human Resource Management/Organizational Behavior, Finance/Accounting/Financial Engineering

cde 디자인·공학융합전문대학원
Graduate School of Creative Design Engineering

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Office : +82-52-217-2791,4

The Graduate School of Creative Design Engineering aims at cultivating design practitioners who can lead the creative innovation and perform the whole product development process by understanding design thinking and technical realization.

※ Creative Design Engineering

Graduate School of Technology & Innovation Management

E-mail : mot@unist.ac.kr
Office : 052-217-3709,3710,3711

The Graduate School of Technology & Innovation Management aims at fostering top technology management professionals who will play an important role in improving enterprise competitive power.

※ Technology and Innovation Management

Graduate School of Interdisciplinary Management

E-mail : psm@unist.ac.kr
Office : +82-52-217-3703~11

The Graduate School of Interdisciplinary Management aims at nurturing global leaders with practical knowledge and skills. It specializes in the areas of Energy Commodity Trading & Financial Engineering (ECTFE), Business Analytics (Biztics), and Entrepreneurship & Innovation (E&I) programs. ECTFE is Korea's first PSM accredited program.

※ Energy Commodity Trading & Financial Engineering, Business Analytics, Entrepreneurship &Innovation

STUDENT SUPPORT SERVICES

Equipped with world-class research and development equipment, UNIST graduate programs conduct cutting-edge interdisciplinary studies to nurture innovative convergent talents in design, technology, and management.

UNISPARK

Located in the Student Residence, UNISPARK is a 790-square-foot on-campus innovation space for student entrepreneurs to get inspired and actively undertake entrepreneurial activities, like striking sparks. This co-working hub encompasses shared office space, conference rooms, an investment consulting space, as well as an exclusive space for prototype production. Selected teams are allowed to use the exclusive space at no cost.

Leadership Center

UNIST Leadership Center offers community-wide science-gifted mentoring programs to cultivate outstanding scientific talents, thereby contributing to the local communities. With leading-edge facilities and world-class faculty, the center also aims at strengthening and deepening its linkages with specialized science high schools for the highly gifted.

Language Education Center (LEC)

The UNIST Language Education Center (LEC) offers a wide variety of language courses and education programs for all members of UNIST to help them gain linguistic competence, as well as cultural literacy. The center aims at providing more effective learning environment for students by implementing the learner-centered, personalized learning models.

UNIST Healthcare Center

Located in the Main Administration Building, the UNIST Healthcare Center provides a range of medical and mental healthcare services, including comprehensive medical examinations for faculty, health consultation, vaccinations, first aid treatment, as well as psychological counselling services.

UNIST Library

The UNIST Library is a four-story 10,000 square-meter building that includes instructional labs, group study rooms, reference rooms, preservation rooms, and exhibition space. It also includes space for over 130,000 paper books and 430,000 ebooks, as well as study space for up to a thousand students.

Student Residence

The UNIST Student Residence consists of 9 apartment-style residence halls, which can accommodate over 3,800 students. The apartments provided are comfortable with well-equipped facilities, such as a post office, lounges, laundry rooms, sport centers, and kitchenettes.

UNIST Sports Center

UNIST sports facilities and resources are available to staff, faculty, students, alumni, and eligible family members. The center with a floor area of 9,052-square-metre consists of an indoor swimming pool, squash court, indoor golf training court, and fitness center.

UNIST Human Rights Center

UNIST Human Rights Center is an institutional framework, designed to prevent any occurrence of improper conduct through abuse of authority. The establishment of this center is part of efforts by MSTI to promote the rights of young scientists. The center works closely with a broad spectrum of researchers and professional counselors, all of whom are committed to human rights and equality.

INDUSTRY-UNIVERSITY CONVERGENCE CAMPUS

"Virtuous Cycle Structure of R&D-Manpower Cultivation-Employment"

Industry-University Convergence Campus

The Industry-University Convergence Campus, established as part of the Ulsan Industry-University Convergence District Project, has spatially combined industrial complexes with the university. The new campus aims at establishing a virtuous cycle structure of 'R&D-Manpower Cultivation-Employment' via the implementation of field-oriented industry-academic convergence education system. A total of 8 organizations have been moved into the district: UNIST, Ulsan city, University of Ulsan, Ulsan College, Ulsan Technopark, the Ulsan Headquarter of Korea Industrial Complex Corporation (KICOX), the Korea Research Institute of Chemical Technology (KRICT), and the Korea Testing & Research Institute (KTR).

Address	10, Technosaneop-ro 55 beon-gil, Nam-gu, Ulsan 44776, Republic of Korea
Building Scale	Total floor area of 9,109㎡ / Four floors above ground and one basement floor
Facilities	Research laboratories, lecture rooms, prototyping room, business information analysis room
Schools	School of Management Engineering School of System Design and Control Engineering Graduate School of Technology and Innovation Management Graduate School of Interdisciplinary Management
Website	https://iucc.unist.ac.kr

MAIN CAMPUS

50, UNIST-gil, Ulsan 44919, Republic of Korea
www.unist.ac.kr T. +82 52 217 0114

Campus Map

1 **Bldg.102** Engineering Bldg.1
2 **Bldg.104** Engineering Bldg.2
3 **Bldg.106** Engineering Bldg.3
4 **Bldg.108** Natural Sciences Bldg.
5 **Bldg.110** Engineering Bldg.4
6 **Bldg.111** Battery R&D Center
7 **Bldg.112** Engineering Bldg.5
8 **Bldg.114** Business Administration Bldg.
9 **Bldg.101** Low Dimensional Carbon Meterials Bldg.
10 **Bldg.103** Advanced Material Research Bldg.
11 **Bldg.105** Stem Cell Research Bldg.
12 **Bldg.107** Machine Manufacturing Bldg.
13 **Bldg.109** Special Experiment Bldg.
14 **Bldg.201** Main Administration Bldg.
15 **Bldg.202** Library
16 **Bldg.203** Student Union Bldg.
17 **Bldg.204** Community Center
18 **Bldg.205** Gymnasium
19 **Bldg.206** Cafeteria
20 **Bldg.207** UNIST Daycare Center
21 **Bldg.301-309** Student Dormitory
22 **Bldg.403-404** Faculty Residence
23 **Bldg.123** UNIST Composites Research Center

※Industry-University Convergence Campus is located in Duwang-dong, Nam District, Ulsan, Republic of Korea

ENDOWMENT

How to Make a Gift

Donors may make one-time gifts or recurring gifts to UNIST using the Giving Form below. If you want to be a donor, please fill out the attached form, take a photo of the completed form, and send it to the following contact number: +82-10-2503-9265

By signing this agreement, you automatically pledge to contribute to the UNIST's Endowment, as stated below.

Donation Form

Your Contact Information

Name _____ Resident Registration No. _____ – _____

Mobile Phone _____ E-mail _____

Address _____

Method of Duration

Recurring Gift (Monthly)	☐ 10,000 (KRW) ☐ 30,000 (KRW) ☐ 50,000 (KRW) ☐ (KRW) Account holder _____ Account No. _____ Automatic Transfer Service Account _____
One-Time Gift	Date(yyyy,mm,dd) _____, Depositor _____ (₩ KRW)

Agreement on providing financial transaction information

With respect to this application, I agree to provide financial transaction information to the above receiving agency starting from the date of request of withdrawal transfer till the cancellation of the request according to the law of real name financial transaction.

I hereby pledge to contribute to the UNIST's Endowment as stated above.

Date(yyyy,mm,dd) _____

Applicant's Name _____ (Signature)

One-time Gifts Account for Deposit

- Kyungnam Bank 540-32-0001278
- Name of the Account Holder: UNIST

Giving to UNIST

UNIST's Endowment supports infrastructure and networks necessary to undertake world-class research.
Your gifts to UNIST can make a difference in the lives of our students and educators.

Help UNIST become the pioneering institute of science and technology that contributes to humanity.

Inquiries on UNIST Endowment

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Publication Registration No.
UNIST-PR-2019-02

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