- College of Liberal Arts & Convergence Science
  - School of Digital Humanities and Computational Social Sciences
  - Graduate School of Culture Technology
  - Moon Soul Graduate School of Future Strategy
  - Graduate School of Science and Technology Policy
- College of Engineering
- College of Natural Science
- College of Life Science & Bioengineering
- College of Business

DHCSS School of Digital Humanities and Computational Social Sciences

The School of Digital Humanities and Computational Social Sciences (DHCSS) consists of faculty members from diverse fields and offers graduate degree programs in three distinct tracks – digital humanities, computational social sciences, and linguistics and psychological sciences. The School also provides required and elective courses for KAIST undergraduate students.

To learn more, please visit the website: https://ghss.kaist.ac.kr

▶ Mission Statement

breaking the existing boundaries between science and technology fields, and the humanities and social sciences

seeking a novel path for society to move forward in the age of post-AI

our graduate programs aim to develop and present new methodologies and communication structures in the humanities and social sciences by practicing and promoting convergence with digital and other cutting-edge technologies.

▶ What's the Features?

The graduate degree programs in DHCSS feature a curriculum structure which sets out to train a new breed of intellectuals - “humanities-converged scientist/engineer” - who are capable in viewing the real-world as phenomena along with digital literacy and are proficient in the parlance of science and engineering as well as humanities and social sciences.

DHCSS School of Digital Humanities and Computational Social Sciences

Master's (M.E.) Program in DHCSS

- **Digital Humanities (DH)**
- **Computational Social Science (CSS)**
- **Linguistics & Psychological Science (LPS)**

Each of these aims to cultivate the necessary skills to convert crucial questions from the humanities or social sciences perspective into digital approaches that can lead to data- or computer-based solutions, and novel interpretations. Basic coding and other common digital methodologies courses are required or recommended, and in each major track, there are specialized and intensive courses for these new professional directions.

Doctoral (Ph.D.) Program in DHCSS

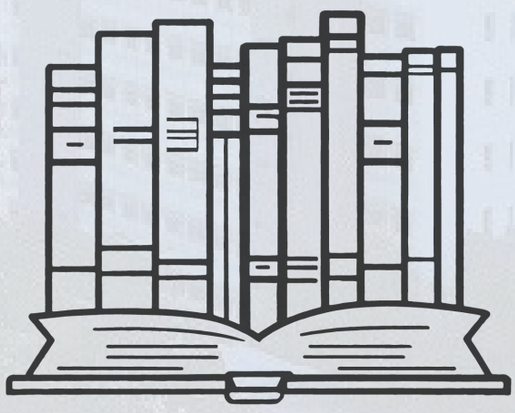
Our doctoral degree program is under preparation and will be launched in the near future (scheduled for 2025).

Curriculum and Courses

*** Major required**
- Introduction to Digital Humanities and Computational Social Sciences
- Programming for Humanities and Social Science Research

*** Major elective I: Designated elective (Methodology)**
- Humanities, Social Sciences and Database Theory
- Humanities, Social Sciences and Natural Language Processing
- Humanities, Social Sciences and Machine Learning
- Statistical Theory and Practice for Humanities and Social Science Research etc.

*** Digital humanities**
- Humanity in the AI Era
- Quantitative Analysis of Text
- Spatial Reproduction and Digital Study of History etc.



*** Computational Social Science**
- Big Data, AI & Society
- Human-Computer Communication
- Contemporary Computational Social Sciences etc.

*** Linguistics & Psychological Science**
- Cognitive Science and its Applications
- Music and Cognitive Science
- Language and Cognition etc.

DHCSS School of Digital Humanities and Computational Social Sciences

▶ Faculty

* Digital Humanities

Hyun Jung CHO
Ph.D. History of Art and Architecture, University of Southern California

Bong Gwan JUN
Ph.D. Modern Korean Literature, Story Engineering, Seoul National University

Seohyon JUNG
Ph.D. British Literature, Critical Theory, Tufts University

Dongwoo KIM
Ph.D. Logic, Analytic Philosophy, City University of New York

Donghyun Woo
Ph.D. Global Cold War, History of Science and Technology, UCLA

* Computational Social Sciences

Jeong-woo JANG
Ph.D. Digital Communication, MSU

Dong Ju KIM
Ph.D. Economic and Environmental Anthropology, University of Michigan

Hana KIM
Ph.D. Energy & Environmental Policy, University of Delaware

Jun Hyung KIM
Ph.D. Labor and Family Economics, University of Chicago

Lanu KIM
Ph.D. Sociology of Knowledge, Science of Science, University of Washington

Taegyoon KIM
Ph.D. Political Science, Social Data Analytics, Pennsylvania State University

Seung-Ook LEE
Ph.D. Geography, East Asian Geopolitics, Urban Studies, Ohio State University

* Linguistics & Psychological Sciences

So-Yeon AHN
Ph.D. Applied Linguistics & TESOL, State University of New York at Buffalo

Jeounghoon KIM
Ph.D. Psychology, Cognitive Science, University of Chicago

Kyung Myun LEE
Ph.D. Cognitive Science of Music, Northwestern University

Jiyoung PARK
Ph.D. Social & Cultural Psychology, University of Michigan

Chung-Kon SHI
Ph.D. Korean Linguistics, Computer-Mediated Communication, Korea University

Jieun SONG
Ph.D. Phonetics, Neurolinguistics, University College London

▶ Scholarships

Prospective students are highly encouraged to apply for the government-supported Global Korea Scholarship(GKS) and indicate their intention to study at KAIST. There are also various types of scholarship programs at KAIST and most graduate students benefit from tuition fee exemption and monthly stipend for a set number of semesters in each degree program.

▶ Applications and Deadlines

Prospective students must contact faculty members in advance before applying, because the names of future academic advisers have to be included in the application forms. (https://admission.kaist.ac.kr/intl-graduate)
The deadline for applications are mid-September for spring semesters and mid-December for fall semesters.
Please check the detailed information at the official graudate admission website.
Graduate application should be submitted to the KAIST Online Application System. (https://apply.kaist.ac.kr)

▶ Contact ◀

E-mail : Ms. Miae LEE eon@kaist.ac.kr Tel : 82+42-350-4604 Web : https://hss.kaist.ac.kr/

문화기술대학원 Graduate School of Culture Technology

Since its inception in 2005, the KAIST Graduate School of Culture Technology (GSCT) has been at the forefront of conducting multidisciplinary research and education to innovate in culture industries. Cultural industries involve creative work in culture and the arts, and more broadly, they encompass industries that promote a higher quality of human life. To create global value in the cultural industry, our goal is to foster global talents that integrate the arts, humanities, and social sciences with knowledge in science and technology, promoting creative cultural thinking and presenting original technologies that lead the cultural industry.

To learn more, please visit the website: https://ct.kaist.ac.kr

Vision

Mission

catalyzing the development of culture and the arts, thereby elevating the overall quality of human life

Vision

harnessing the power of science and technology to generate global value within the cultural industry

Uniqueness

One of the hallmarks of KAIST GSCT is its remarkable diversity. Our faculty and students come from a wide spectrum of disciplines, including science and technology, art and design, humanities, and social sciences. This vibrant mix fosters dynamic interactions, driving collaborative research and education aimed at innovating and cultivating new cultures. Through this interdisciplinary approach, students gain a profound understanding of human nature, equipping them to tackle challenges from a holistic perspective and devise fundamental solutions.

Major Courses

Audio & Visual

Motion Graphics, Sound Technology for Multimedia, Virtual Reality and Virtual Worlds, Cognitive Science of Music, Musical Applications of Machine Learning

Interaction & Experience

3D Interaction Design, Cognition and Emotion, Computational Design, Game Studies, Human Computer Interaction, Museum Technology in Digital Era, Knowledge-based System Design

Arts & Human

Social Computing, Theory and Applications in Culturoinformatics, Aesthetics in the Digital Age

문화기술대학원 Graduate School of Culture Technology

▶ Degree Programs

- **Masters Degree Program**
  : required to take 33 or more course credits. Normally takes 2 years to graduate.
- **PhD Degree Program**
  : required to take 60 or more course credits and write a thesis for graduation. Normally takes 4 or more years to graduate.

- Info on international graduate admission : https://admission.kaist.ac.kr/intl-graduate

▶ Faculty

12 Full-time faculty (5 with Arts and Design degree, 5 with Engineering and Science degree, 2 with Social Sciences degree), 7 Joint-appointment faculty and 5 Adjunct faculty

* Audio & Visual

KIM Sungyoung
Ph.D. in Music, McGill University

LEE Sung-Hee
Ph.D. in Computer Science, University of California, Los Angeles

NAM Juhan
Ph.D. in Music, Stanford University

NOH Junyong
Ph.D. in Computer Science, University of Southern California

WOO Woontack
Ph.D. Electrical Engineering, University of Southern California

* Interaction & Experience

YOON Sang Ho
Ph.D. in Mechanical Engineering, Purdue University

CHA Seung Hyun
Ph.D in Architecture, University of Cambridge

LEE Ji-Hyun
Ph.D. in Computational Design, Carnegie Mellon University

LEE Jeongmi
Ph.D. in Cognitive Neuroscience, George Washington University

DOH Young Yim
Ph.D. in Psychology, Yonsei University

* Arts & Human

AHN Jaehong
Ph.D. in Culture Technology, KAIST

LEE Jinjoon
Ph.D. in Fine Art, University of Oxford

LEE Wonjae
Ph.D. in Sociology, The University of Chicago

PARK Juyong
Ph.D. in Physics & Complex Systems, University of Michigan

▶ Contact ◀

E-mail : gsct@kaist.ac.kr Tel : 82+42-350-2997 Web : https://ct.kaist.ac.kr

Moon Soul Graduate School of Future Strategy

Moon Soul Graduate School of Future Strategy(GFS) was established in 2013 with a generous donation from Mr. Chung Moon-soul, former chairman of both KAIST's Board of Trustees and Mirae Industry. It is the first future strategy research and education institution in Korea. Its mission is to establish future strategies that contribute to national development and human happiness based on scientific futures studies.

To learn more, please visit the website: https://futures.kaist.ac.kr/en

▶ Vision & Goals

KAIST GFS has a vision of becoming a global think tank for solving the problems facing humanity and our planet earth. Through its science-based researches and education, it aims to foster the future strategy experts who can address three focal issues: technological development, demographic change, and climate change.

▶ Points of Differentiation

- **Faculty expertise & diversity**
  - Global Minds : 12 faculty members from 10 universities across 4 countries.
  - Expertise Galore : Futures studies to data science, complex systems, strategy, organizations, finance, international law, technology policy, climate change, hydrology, urban studies, media, communication, IP, and beyond.
- **Research Powerhouse**
  - Top-tier Publications : Highlighting impactful research in Nature, Science, and other leading journals.
  - Higher Impact : Top 1% & 10% citation impact research above the institutional average.
- **Student Mosaic**
  - Real-world Experience : Big enterprises, startups, media, broadcasting, legal, government, and more.
  - Future-ready Graduates : Prepared for the globalized, ever-changing world.
- **Impactful contributions**
  - Shaping National Policy : 10 years of publishing KAIST Future Strategy Report.
  - Collaborating for Change : Working with the legislative, judicial, and executive branches of government, public institutions, and corporations.

▶ Major Courses

Technology	Future Strategy	Science Journalism	Intellectual Property
Covering fundamental knowledge and theories to understand contemporary technological issues, their business and policy implications taught by KAIST's engineering faculty	Covering Future studies, Foresight methods, Climate change, National defence, Changing structure of future society, Food and disease, and more offered in the Master of Future Strategy ("MFS") program	Covering Science/Medical/Digital/Data/ Environemnal journalism, Risk communication, Media industry analysis, Complex network theory, and more offered in the Master of Science Journalism ("MSJ") program	Covering patents, copyrights, trademarks, trade secrets, design rights, licensing, civil procedure, IP finance, digital trade, and more offered in the Master of Intellectual Property ("MIP") program

Moon Soul Graduate School of Future Strategy

▶ Degree Programs

- **Masters Degree Program**
  : The MFS, MSJ, MIP are three master programs in KAIST GFS. Highly qualified students are working with the faculty for the coursework and research projects for thesis writing.
- **PhD Degree Program**
  : The PhD is an academic research degree conferred to successful students who meet all the stringent graduation requirements. Reflecting the fields of the master programs, each PhD student needs to select a major: future strategy, science journalism, or intellectual property.

▶ Faculty

Seung Kyum Kim
Ph. D. in Urban Planning and Design, Harvard University

Hyungjun Kim
Ph. D. in Civil Engineering, The University of Tokyo

Sung-Pil Park
Ph. D. in Law, Northwestern University

Tae Jung Park
Ph. D. in Law, University of Virginia

Yongseok Seo
Ph. D. in Political Science, University of Hawaii

Jae-Suk Yang
Ph. D. in Physics, College of Natural Sciences, KAIST

Sangyoon Yi
Ph. D. in Management, College of Business, KAIST

WooJung Jon
Ph. D. in Law, University of Oxford

Jooyoung Jeon
Ph. D. in Management Studies, University of Oxford

Jaemin Jung
Ph. D. in Journalism, University of Florida

Jiho Cha
Ph. D. in International Health,Johns Hopkins University

Jiyoung Han
Ph. D. in Mass Communication, University of Minnesota, Twin Cities

▶ Scholarships

Each student will receive either 50% or 75% scholarship depending on the tuition and scholarship policy of each degree program. For more information, please check each degree program website.

▶ Applications and Deadlines

For spring admissions, applications will be received early of October, while for fall admissions early of June.
Please check the website for admissions information. (www.kaist.ac.kr)

▶ Contact ◀

E-mail : sangm0kcho@kaist.ac.kr Tel : 82+42-350-4022 Web : https://futures.kaist.ac.kr/ko/

Graduate School of Science and Technology Policy

The KAIST Graduate School of Science and Technology Policy (STP) was founded in 2009–the first of its kind in South Korea. Since its inauguration, STP has grown in size and prestige, joining the ranks of the world's top research-intensive science and technology policy graduate programs. With more than ten full-time faculty members and about fifty full-time master's and PhD students, STP excels in research and education in fields including Artificial Intelligence (AI) Policy, Science Policy, Science and Technology Studies (STS), R&D Policy, Disaster and Anthropocene Studies and Policy, Energy Policy, Aging and Technology Policy, and Computational Public Policy.

To learn more, please visit the website : https://stp.kaist.ac.kr

Vision

Mission

KAIST STP produces science and technology policy knowledge to foster a diverse, democratic, and just society. From local to global, towards action and insights, our learning is continuous

Vision

We are living in the age of profound scientific and technological disruption. KAIST STP aspires to humanize science, technology, and innovation with a critical understanding of evidence from numbers and narratives. Our vision is to shape the deep futures of the planet.

Globalization Excellence

KAIST STP has been selected as the first university unit for globalization excellence in 2023. STP values diversity, and all activities related to education, research, governance, and civic participation are open to the entire STP community, regardless of gender identity or ethnic, racial, and national background. In particular, international members are vital contributors to the governance and committee activities of the university. Also, as the global hub in the field, STP hosts international visiting scholars, enriching research collaborations across borders.

Graduate School of Science and Technology Policy

Degree Programs

KAIST STP offers master's and doctoral degrees. Our two-year master's program requires a thesis, guiding graduates in continuing their academic training in a doctoral program or in pursuing professional careers in government, the private sector, NGOs, and international organizations. Our doctoral program requires a dissertation in four years and prepares students for academic or high-level policy-making careers. Details on the selection process are described in detail on our website (https://stp.kaist.ac.kr/application).

Core Curriculum

- **Mandatory Major Courses** (requirement: 6 credits)
  - STP601 Survey in Science, Technology, and Public Policy (3 credits)
  - STP611 Survey in Science and Technology Studies (3 credits)
- **Recent Offered Elective Courses** (requirement: 15 credits for master's; 27 credits for PhD students)
  - STP501 Science, Technology, and Globalization
  - STP502 History of Modern Science
  - STP504 Research Organizations
  - STP510 National Innovation System
  - STP514 Philosophy of Science Policy
  - STP602 Quantitative Analysis in Public Policy
  - STP612 Mobility, Power, and Policy
  - STP613 Biomedical and Health Policy
  - STP615 The Ethics and Governance of Emerging Technologies
  - STP617 Science of Science Policy
  - STP622 Technology for Social Justice
  - STP625 Aging and Technology Policy
  - STP626 AI and Robot Policy
  - STP660 Survey in Anthropocene Studies

Faculty

Moon Choi
Ph.D. in Social Welfare, Case Western Reserve University

Grant Fisher
Ph.D. in Philosophy of Science, University of Leeds

Chihyung Jeon
Ph.D. in Science, Technology, and Society, MIT

So Young Kim
Ph.D. in Political Science, Northwestern University

Hyung Seok Kim
Ph.D. in Economics, Columbia University

Scott Knowles
Ph.D. in History of Science, Medicine, and Technology, Johns Hopkins University

Dasom Lee
Ph.D. in Sociology, Vanderbilt University

Buhm Soon Park
Ph.D. in History of Science, Johns Hopkins University

Kyung Ryul Park
Ph.D. in Management-Information Systems and Innovation, LSE

Seokkyun Woo
Ph.D. in Public Policy, Georgia Institute of Technology

Contact

E-mail : cmpark@kaist.ac.kr Tel : 82+42-350-4843 Web : https://stp.kaist.ac.kr

KAIST

College of Liberal Arts & Convergence Science