TACKLING CHALLENGES THROUGH SCIENCE AND TECHNOLOGY

Newly established **SHANGHAITECH UNIVERSITY** offers a stimulating environment for pursuing studies and impactful research.

Officially opened in 2013, ShanghaiTech University was jointly established by the Shanghai Municipal Government and the Chinese Academy of Sciences (CAS). It is dedicated as a research university of academic excellence . It is a dynamic hub where innovative research, education, and community service combine to provide a multi-disciplinary approach to learning, and to solving global challenges.

Located in Zhangjiang Hi-Tech Park, ShanghaiTech is close to various industries and venture companies, and accessible for large science facilities, including the Shanghai Synchrotron Radiation Facility, the National Center for Protein Science-Shanghai, the National Drug Screening Platform and the Shanghai Center for Microsatellites.

ShanghaiTech University comprises five schools — the School of Physical Science and Technology (SPST), the School of Information Science and Technology (SIST), the School of Life Science and Technology (SLST), the School of Entrepreneurship and Management (SEM), the School of Creative Arts (SCA) — and three research institutes — the Shanghai Institute for Advanced Immunochemical Studies (SIAIS), the iHuman Institute, and the Institute of Mathematical Sciences.

Investing in people

The university is gathering a top-tier faculty of 1,000 professors, including 500 distinguished professors-in-residence from CAS or other prestigious universities or institutes, four Nobel laureates, 34 CAS members, three Chinese Academy of Engineering members, 11 National Academy of Sciences (USA) members and three Royal Society (UK) fellows.
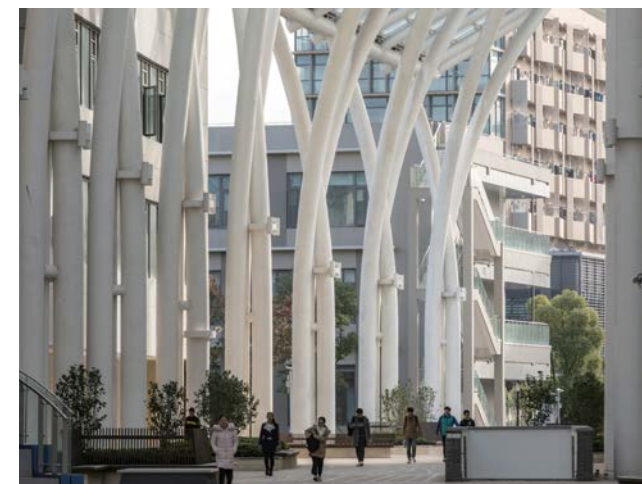
ShanghaiTech offers bachelor's, master's and doctoral degrees. It will eventually have 2,000 undergraduate students and 4,000 graduate students (including 3,000 doctoral students). The first cohort of 296 graduate students was admitted in September 2013, followed by first cohort of 207 undergraduate students from nine provinces in China in 2014. Currently there are 1433 undergraduate students and 1788 graduate students on campus.

ShanghaiTech aims to nurture future leading scientists, inventors and entrepreneurs. It fosters students' moral integrity, academic capabilities and innovative spirit. Students are encouraged to investigate the challenges China faces, explore cutting-edge research areas and high-tech industries, and implement their innovative and entrepreneurial ideas.

Advancing research through collaboration

ShanghaiTech is actively engaged in the globalization of education. It has extensive collaborations with the University of California, Berkeley, the University of Chicago, MIT, Yale University, Harvard University, and the University of Padova. To break down barriers between research and industry, ShanghaiTech collaborates closely with domestic and international high-tech companies in joint research and student training. ∎

TIME TO SHINE AT SHANGHAITECH UNIVERSITY

ShanghaiTech University is a young and dynamic higher education institution aiming for high-quality research and global influence.

To address challenges faced by China and the world, it seeks innovative solutions in energy, materials, environment, human health, data science, artificial intelligence (AI), and electrical engineering. An integral part of the Zhangjiang Comprehensive National Science Center, the university is now leading several frontier research projects at large-scale facilities. For more information, please visit: www.shanghaitech.edu.cn.

We are now seeking talented researchers for multiple faculty positions at all ranks in the following fields:

School of Physical Science and Technology: energy, system materials, photon and condensed state, material biology, environmental science and engineering

School of Life Science and Technology: molecular and cell biology, structural biology, neuroscience, immunology, stem cells and regenerative medicine, system biology and biological data, molecular imaging, biomedical engineering

School of Information Science and Technology: computer science, electrical engineering, information engineering, artificial intelligence, network and communication, virtual reality, statistics, big data and data mining

School of Entrepreneurship and Management: economics, finance, accounting, management, marketing, strategy and entrepreneurship

School of Creativity and Art: film production, life drawing, photography, VR and game coding, illustration & visualization, performing arts

Shanghai Institute for Advanced Immunochemical Studies: antibody therapy, immunotherapy, cell therapy, regeneration medicine

iHuman Institute: bio-imaging, biology, chemistry, computational biology, AI/ML

Institute of Mathematical Sciences: pure mathematics, theory of computing, applied mathematics

Successful applicants will have a doctoral degree, and are expected to establish a record for independent, internationally recognized research, supervise students and teach high-quality courses.

ShanghaiTech University will offer attractive compensation packages, including:

initial research support package: reasonable start-up funds, research associates and post-doctoral fellows, laboratory space to meet research needs

compensation and benefits: highly competitive salary commensurate with experience and academic accomplishments, a comprehensive benefit package

subsidized housing: on-campus, 80/100/120 m² faculty apartments available at low rent for tenure and tenure-track faculty

relocation & travel allowance: reimbursement of expenses for household relocation and family's one-way travel

family assistance: support with children's education; affiliated kindergarten, primary and middle schools are under construction

To apply: using this format, please submit a cover letter (Firstname_Lastname_Cover_Letter.pdf), a research plan (Firstname_Lastname_Research_Plan.pdf), and a CV (Firstname_Lastname_CV.pdf) to shanghaitechuniversity@gmail.com.

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