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SUSTech was established in 2010 to serve as a model for higher education reform in the interest of modernizing China’s national university system. It is anchored in virtue, truth and advancement whilst recognising that research, innovation and entrepreneurship are key attributes vital for socio-economic development in our interconnected cities, regions and countries. As a reformatory and global university, SUSTech is known for several innovations in China. Among them a modern governance system, a novel and comprehensive admissions system, use of English as the instructional language, and a curriculum rooted in innovation and entrepreneurship.

SUSTech’s youth has been no barrier to its forming a string of prestigious partnerships across the globe. Together, we aim to leverage our partnerships to increase the connectivity between universities and cities, and to nurture our students as the next generation of leaders in science, engineering and management who will contribute to solving the challenges confronting our rapidly changing world.
In September 2021, SUSTech unveiled our new university motto. The couplet is comprised of four Chinese words: Mingde (明德) 求是, rixin (日新) and ziqiang (自强). Each word is drawn from one of three ancient Chinese texts: the Book of Rites, the Book of Changes and the Book of the King of Hejian. They symbolise the essence of the university and the spirit of SUSTechers as embodying the highest virtue, seeking truth from facts, advancing reform and renewal, and always striving for self improvement.

Fengliang Li
University Council Chair
After celebrating our 10th anniversary, SUSTech is beginning a new phase in our journey towards building an innovative research university. Rooted in China, SUSTech aspires to become a world class university through nurturing talents, advancing scientific discovery and technological innovation, and serving the needs of the both the nation and the local community.

Qikun Xue
President
SUSTech endeavors to become a research oriented university of tomorrow. We pursue excellence and dare to think unconventionally. Our focus on education, research and innovation will be the foundation of a truly prestigious university that is dedicated to addressing fundamental scientific questions and pressing social concerns.
SUSTech’s 10th Anniversary Celebration Ceremony was held in the Runyang Stadium on Dec. 20th, 2020. The celebrations were attended by representatives from over 100 domestic universities, while presidents of international partner institutions sent congratulatory messages via video.
1300+ Faculty members (600+ tenure) 650+ (2018)

4500+ Undergraduate students 4000+ (2018)

4550+ Graduate students 1400+ (2018)

28 Schools/Departments 14 (2018)

35 Bachelor’s degree programs 26 (2018)

1100+ Courses offered 600+ (2018)

$650m Government appropriation $420m (2018)

714,000m² Gross floor area 270,000m² (2018)
KEY FACTS AT A GLANCE

2.5% undergraduate admission rate

3.5:1 student-to-faculty ratio (undergraduates only) is among the lowest in the world

19 International Advisory Council members - leaders from world-class universities

3m research grants per capita per year is around 3 million RMB, top in China

#1 No.1 young university in mainland China (THE and QS) and No.1 in the world among Rising Stars 2019-2020 (Nature Index)

AN AGENT OF CHANGE
At the forefront of:

- building a MODERN university governance system
- recruiting top TALENTS from across the globe as faculty
- innovating an advanced undergraduate ADMISSIONS system
- fostering INTERNATIONAL-standard bilingual education
- promoting high undergraduate PARTICIPATION rate in research
- implementing CRITICAL thinking pedagogy and scientific communication program
- close integration with INDUSTRY
- world-class research FACILITIES and equipment
- campus INTERNATIONALIZATION
The SUSTech campus is nestled in the northern hills of Shenzhen, providing a scholarly respite from the dynamism of the city. Spread across 2km² it offers a flexible living environment for all SUSTechers to learn, grow and flourish.
Where We Are

The Greater Bay Area

The Guangdong-Hong Kong-Macao Greater Bay Area (Greater Bay Area) comprises the two Special Administrative Regions of Hong Kong and Macao, and the nine municipalities of Guangzhou, Shenzhen, Zhuhai, Foshan, Huizhou, Dongguan, Zhongshan, Jiangmen and Zhaoqing in Guangdong Province.

A vibrant world-class city cluster

- An international innovation and technology hub with global impact
- A quality living circle for living, working and travelling

Total area: 56,000 km²
Total population: 86m+
GDP: USD 1.6tn (2020)

Shenzhen

- 40 years to go from 31,000 people to 17 MILLION
- Average AGE: 33
- Over 95% of the population is originally from outside Shenzhen
- INTERNATIONAL residents drawn from 127 countries/regions
- Most SKYSCRAPERS above 200m tall of any city in the world
- #1 ASIAN CITY in terms of Gross Domestic Product (GDP)
- Highest GDP PER CAPITA in China since 2007
- Highest among Chinese cities in PCT PATENT APPLICATIONS since 2004
- Ranked 4th in the world for number of BILLIONAIRES
- Home to 25 of China’s UNICORNS (start-ups valued at over USD$1bn)
- 70,000+ HIGH-TECH ENTERPRISES and start-ups
- 6th in the world for number of AI COMPANIES
- Being appointed in 2008 as a UNESCO CITY OF DESIGN
- R&D investment accounts for 4.93% of GDP
- 20% of China’s PhDs have lived in Shenzhen
- FOREST coverage: 40% of urban area
- 1st city in the world to have a 100% ELECTRIC bus fleet AND taxi fleet
**Pillar industries**

- Hi-tech
- Modern logistics
- Financial services
- Cultural services

**Future industries**

- 6G networks
- Deep-sea exploration
- Quantum tech
- BeiDou Navigation Satellite System
- Hydrogen energy

**Strategic emerging industries**

- New generation IT
- Bio-tech
- High-end equipment manufacturing
- New materials
- New energy
- Intelligent & new energy vehicles
- Energy-saving & environmental protection
- Digital creative

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**SHENZHEN’S INNOVATIVE CHAMPIONS**

**Tencent**

Founded in 1998, its subsidiaries globally market various IT-related services and products, including in technology, artificial intelligence, and other technology. Tencent is the world’s largest social media and game vendor, as well as one of the most financially valuable companies. It is among the largest social media, venture capital, and investment corporations. Its services include social networking, music, web portals, e-commerce, mobile games, internet services, payment systems, smartphones, and multiplayer online games. Since 2018, it has emerged as the most valuable publicly traded company in China, and among the world’s top technology companies by market value.

**Mindray**

A global medical instrumentation developer, manufacturer, and marketer based in Shenzhen, China. Mindray designs and produces medical equipment and accessories for both human and veterinary use. The company is organized into three key business lines: Patient Monitoring & Life Support, Ultrasound Diagnostic Products, and Medical Imaging Systems. In 2008, Mindray was recognized as China’s largest medical device manufacturer.

**Huawei**

A multinational technology corporation headquartered in Shenzhen, Guangdong, China. It is a leading global provider of information and communications technology (ICT) infrastructure and smart devices. Huawei has approximately 179,000 employees and operates in over 170 countries and regions, serving more than three billion people around the world.

**BYD**

A manufacturing company headquartered in Shenzhen, Guangdong, founded in 1995. BYD has grown to become a major manufacturer of automobiles (most notably full-electric and hybrid cars, buses, trucks, etc.), batteries, and solar panels. It also produces rechargeable batteries (mobile phone batteries, electric vehicle batteries, and renewable bulk storage).

**BGI**

A genome sequencing company, headquartered in Shenzhen, Guangdong, China, founded in 1999 as a research organization to support the Human Genome Project. It is one of the largest companies in the world in the fields of Cancer Research, Bio-sustainability, and Personalized Medicine through a variety of subsidiaries and a global network of laboratories.

**DJI**

A holding conglomerate whose subsidiaries mainly deal with insurance, banking, asset management, financial services, healthcare, auto services, and smart city. The company was founded in 1988 and is headquartered in Shenzhen. In 2018, it ranked 37th on the Forbes Global 2000 list and 30th on the Fortune Global 500 list. The company is considered to be China’s biggest insurer, and its market capitalization in 2021 making it the largest insurer in the Asia-Pacific.

**China Merchants Bank**

CMB was founded in Shekou Industrial Zone of Shenzhen, the forefront of China's reform and opening-up. It is China's first joint-stock commercial bank wholly owned by corporate legal entities and the first joint bank as China promoted reform in the banking industry with endeavors outside the government.

One of the world’s largest real estate companies and ranked 208th in the Fortune Global 500, ranked 4th in the Forbes Global 2000 in 2020. Since its founding in 1984, Vanke has become one of the largest real estate companies in China, expanding to over 100 cities across mainland China and overseas markets in the U.S., Singapore and Ljubljana. As of 21 February 2019, its market cap is USD44 billion.
Where We Are

- **Macau**: Take the ferry to Asia's entertainment capital
- **V&A Museum**: Only branch of the V&A (Victoria and Albert) outside London. One of the reasons Shenzhen was listed in Lonely Planet's top 10 cities to visit 2019
- **Ping'an Finance Center**: Fifth tallest building in the world, second highest observation deck
- **SUSTech Shenzhen Institute of Design and Innovation (SIDI)**
- **Huaqiangbei**: World's biggest electronics hub and home to maker spaces and incubators. Go from idea to prototype in 2 weeks
- **BYD**: 16 years to go from startup to world's largest EV manufacturer
- **China National GeneBank**: China's first national-level gene manufacturer for storage and conservation facility
- **Dongmen**: Home to the 1st McDonald's in mainland China, opened 1990
- **SUSTech Institute of Quantum Science and Engineering**: 4th in the world for market capitalisation
- **SUSTech Ocean University of Shenzhen**
- **Futian Station**: Asia's biggest underground railway station. Be in Beijing in 9 hours
- **Tencent**: World's largest video game vendor and developer of mega-app WeChat
- **DJI**: World's no.1 drone manufacturer
- **Mindray**: China's largest medical device manufacturer
- **Huawei**: Smartphone maker and Fortune 500 company
- **Shenzhen Stock Exchange**: 4th in the world for market capitalisation

**Distance and Access**

- **Hong Kong**: 15 minutes away by 300km/hr high speed rail
- **SUSTech Main Campus**: 12km
- **53km**: Macau
- **32km**: SUSTech Ocean University of Shenzhen
- **50km**: China National GeneBank
- **47km**: BYD
- **45km**: SUSTech Institute of Biomedicine

**Nearby Attractions**

- **53km**: Macau
- **32km**: SUSTech Ocean University of Shenzhen
- **50km**: China National GeneBank
- **47km**: BYD
- **45km**: SUSTech Institute of Biomedicine
Shenzhen & SUSTech
Miracle makers

1980
SZ Special Economic Zone established

1985

1987
Huawei founded

1988
SZ University established

1989
Population: 2m
Mindray founded

1990
BYD founded

1991
Population: 5m
Walmart opens its 1st store in China in SZ

1992
1st McDonald’s in China opens in SZ
SZ Stock Exchange founded

1993

1994

1995

1996
Population: 5m
Walmart opens its 1st store in China in SZ

1997

1998
Tencent founded

1999
BGI founded
1st China High-Tech Fair launched in SZ

2000

2001
First class of 45 students enrolls

2002

2003

2004

2005

2006
DJI founded

2007
SZ govt decides to create SUSTech

2008
Named UNESCO City of Design-SZ is the first Chinese city to join the Global Creative City Network

2009

2010
SUSTech established

2011
President Shiyi Chen assumes office

2012

2013
SUSTech moves to new campus

2014

2015

2016

2017

2018
SUSTech enters the THE rankings for the first time and ranks within the world’s top 350

2019

2020

2021
Population: 17m
SUSTech’s motto - Virtue, Truth, Advance - is announced
Moves into world’s top 200 in THE rankings

2022
President Qiukun Xue assumes office
Reach Top 50 in the world in Nature Index
SZ govt issues the Act of Tech Innovation
SZ is positioned by the nation as the fourth national comprehensive scientific center
ACADEMIC STRUCTURE & MAJORS

Department of Finance
- Finance
- Financial Engineering

Department of Information Systems & Management Engineering
- Big Data Management and Application

Department of Medical Neuroscience

Department of Pharmacology

Department of Human Cell Biology and Genetics

Department of Biochemistry

School of Public Health and Emergency Management

Center for Humanities

Center for Social Sciences

Center for Higher Education Research

Center for Language Education Arts Center

Center for Future Education

School of Innovation and Entrepreneurship

School of Design

School of Life Sciences

College of Business

College of Science

College of Engineering

School of Medicine

- Clinical Medicine
- Biomedical Sciences

Department of Mathematics
- Financial Mathematics
- Applied Mathematics

Department of Physics
- Physics
- Applied Physics

Department of Chemistry
- Chemistry

Department of Earth and Space Sciences
- Geophysics

Department of Statistics and Data Science
- Statistics Data Science and Big Data Technology

Institute of Quantum Science and Engineering

Shenzhen Grubbs Institute

SUSTech International Center for Mathematics

Department of Electrical and Electronic Engineering
- Opto-electronic Information Science and Engineering
- Communication Engineering
- Microelectronics Science and Engineering Information Engineering

Department of Materials Science and Engineering
- Materials Science and Engineering

School of Environmental Science and Engineering
- Environmental Science and Engineering
- Hydrology and Water Resources Engineering

Department of Ocean Science and Engineering
- Oceanography Offshore Engineering and Technology

Department of Mechanical and Energy Engineering
- Mechanical Engineering
- Robotics Engineering

Department of Mechanics and Aerospace Engineering
- Theoretical and Applied Mechanics Aerospace Engineering

Department of Computer Science and Engineering
- Computer Science and Technology
- Intelligence Science and Technology

Department of Biomedical Engineering
- Biomedical Engineering
- Intelligent Medical Engineering

School of Microelectronics (National Exemplary Institute)
- Microelectronics Science and Engineering

School of System Design and Intelligent Manufacturing Industrial Design

Department of Biology
- Bioinformatics
- Biotechnology
- Biological Sciences
A vital community of academics, researchers, staff and students

Recognizing that at the core of a great university is a great faculty, SUSTech has assembled a team of scholars producing impact in research and delivering high quality teaching.

Awards & honors in recent years

Xin Yao
Frank Rosenblatt Award 2020
Institute of Electrical and Electronics Engineers (IEEE)
(1st Chinese scholar to win this award)

Zhenzhong Zeng
Cross-Field Category,
Highly Cited Researchers
Clarivate

Yusheng Zhao
Board of Directors
American Society for Materials Research (MRS)

Junguo Liu
Paul A. Witherspoon Lecture
American Geophysical Union (AGU)

Peng Wang
Claude S. Hudson Award in Carbohydrate Chemistry
American Chemical Society (ACS)

Liyuan Zhang
2020 Xplorer Prize
Tencent Foundation

The Xplorer Prize is a non-governmental, nonprofit and public benefit award designed and run by a select group of scientists. Recipient Liyuan Zhang is a researcher in quantum topology effect who joined SUSTech in 2014.
Nurturing responsible innovators

Education at SUSTech is student-centered and innovation-oriented. Inspirational, interactive and bilingual teaching are offered, with an emphasis on English learning, self-study, critical thinking, academic writing and scientific communication.

All students have their own academic advisors and are encouraged to participate in lab research with the support of the institution’s research teams, platforms and facilities from their first semester.

10:1 overall student faculty ratio
104 study abroad programs
100% study abroad participation rate among undergraduates is our goal

40+ business partners for graduate education
16 international joint-PhD programs
#10 in China for THE Global Employability Ranking 2021

Undergraduate research database
Research opportunities are available year-round. The Undergraduate Research Program (URP) database catalogues research positions for students to apply for and gain hands-on, lab based experience in their chosen fields.

Academic advancement initiative
Each undergraduate student is given every opportunity to make their own proposal for research projects. Once a project is approved, the students have tutoring and financial support at their disposal.

Situated learning
All undergraduate students are required to undertake an internship and participate in research during the course of their studies. Students can join a high-level company in your home country or shoot for a Shenzhen giant like Huawei, Tencent, or DJI.
**UNDERGRADUATE EDUCATION**

**Shape your future**

Undergraduate students study a broad range of STEM courses and are free to experiment within their first two years before declaring their major. Build your own curriculum, explore your interests across the sciences, and lay your cross-disciplinary foundation with SUSTech’s liberal arts model.

**Academic focus**

- Quantum Computation
- Science Fiction: Fiction and Film
- Applied Bioinformatics in Environmental Science
- Principles of Remote Design
- Evolutionary Computation and its Application
- MATLAB Programming and Application
- Cryptography and Network Security
- Chinese Aesthetics Philosophy
- Intelligent Robotics
- Computational Fluid Dynamics
- Aerodynamic Analysis and Design of Aircraft
- Hydrology and Water Resources Practice
- Artificial Intelligence
- The Foundation of New Media Art Space Design
- CAD and Engineering Drawing
- Applied Stochastic Processes
- Stories of Shenzhen
- Cell Biology Laboratory
- Introduction to Nanobiomedicine
- The Art of Elocution
- Biomedical Optics Laboratory
- Quantitative Investment Banking
- General Relativity: from Black Holes to Cosmology
- Deep Learning

**Foundational courses**

required for all undergraduate programs

- Calculus I & II
- Linear Algebra
- General Physics I & II
- General Chemistry
- Introduction to Computer Programming
- Introduction to Life Sciences
- Fundamental Physics Experiments Lab
- English
- Chinese Language, History & Culture

**Elective Science Modules**

- Music & Arts
- Social Sciences
- Humanities

**Major courses**

once students declare their major, they complete required core courses and elective courses

- Major Foundational Courses
- Major Core Courses
- Major Elective Courses

- Undergraduate Thesis/Project
- Research Projects
- Internship

“SUSTech encourages students to participate in scientific research, thereby creating the conditions that have made me who I am today. I joined a laboratory group in my sophomore year which really helped me to find my interests. It was very much the first pot of gold I found along my academic path.”

Yi Zhou

“SUSTech gives us the freedom to explore many different fields of science before we decide which we would like to pursue for our major.”

Zsombó István
GRADUATE EDUCATION

Integrating research, innovation and entrepreneurship

850+ (2018) 2500+ Master’s students
450+ (2018) 950+ Master’s tutors
600+ (2018) 2000+ PhD students
300+ (2018) 600+ PhD tutors

60% courses are taught in English
40+ industry partners for education

“SUSTech Medical School helped me fall in love with medicine. I have to say that it is when you really realize what you are doing can make difference in the world that you can enjoy it even more. The School’s faculty is comprised of fantastic mentors and they have provided patient guidance. With their help I’ve developed not just my skills but also as a person. The opportunity to attend myriad lectures and conferences during our studies has been an integral part of our learning process. I still remember the 18th Chinese Biophysics Conference at which I was fortunate enough to be exposed to the leading edge research progress and directions.”

Jingyue Xu

“What separates SUSTech from other universities in China is that as a young school, it has enough patience to help you succeed across all possible fields. It is especially suitable for young scholars who are interested in research, because there is a first class academic team, the most advanced lab equipment and the best supporting management structure. More importantly, it is a place full of hope for the future. The dream of growing together with Shenzhen and the Great Bay Area encourages everyone in the school to strive for their dreams.”

Ming Yang

Domino electroreduction of CO₂ to methanol on a molecular catalyst
Zhan Jiang

Evidence for an atomic chiral superfluid with topological excitations
Guangquan Luo

High-entropy-stabilized chalcogenides with high thermoelectric performance
Science 2021, 371, 6531.
Yong Yu & Juan Cui

Upward expansion and acceleration of forest clearance in the mountains of Southeast Asia
Yu Feng
The first group of international students graduating (photo taken in front of the Royal Palace of Phnom Penh, Cambodia)

International students at The Art Museum of Cantonese Opera in Guangzhou (by Haiwen Xu)

Cross-Strait (Chinese mainland and Taiwan) Student Baseball League (by Haiwen Xu)

SUSTech Nanshan Racing Team
RESEARCH FOR THE PUBLIC GOOD

Ten years of increasing impact

In China

MOST ADVANCED

- Cryo-electron microscopy
- Supercomputing

In the world

ESI 1%

- Clinical Medicine
- Environment/Ecology
- Material Sciences
- Engineering Chemistry

China’s Top Ten Scientific Advances for 2019

Experimental proof of the 3D Quantum Hall effect by Liyuan Zhang’s team

China’s Top Ten Scientific Advances for 2020

Experimental proof of quantum interference in chemical reactions by Xueming Yang’s team

SUSTech researchers joined the fight against the Covid-19 pandemic, producing the first images of the virus morphology in its native state via our cryo-electron microscopy center and exploring the impact of the pandemic on atmospheric pollution.

We are pushing the boundaries of robotics through capturing the world’s robotic fish speed record, developing novel artificial muscles for insect-like robots designed to aid in disaster relief operations, or testing smart gloves to help patients with tactile dysfunction recover their sensation.

SUSTech teams are on the frontlines of climate change research and the drive to sustainability, studying the loss of forest in southeast Asian mountain ranges, the impact of extreme temperatures on tea cultivation, and climate change’s impact on worldwide river flows.

SUSTech

No. 1

Global Top Ten Rising Stars for the period 2019–20

In Mainland China

In The World

335
185
133
88
41

2016
2017
2018
2019
2020

$280+m
Research grants
(2020)

$350,000
research grants per capita
(2020)

$130+m
Research grants
(2018)

5%

8%

14%

27%

29%

5%

National Natural Science Foundation

Provincial government

Ministry of Sci & Tech

Industry

Municipal government

Research Platforms

1500+ (2018)

3400+ SCI papers
(2020)
Catalyzing the regional innovation system

Being located in one of the innovation hubs of China, SUSTech contributes to the economic transformation and knowledge transfer of the Greater Bay Area and beyond. Driven by societal needs and improving the quality of human life, our research teams are deeply engaged with local industry and the regional innovation system.

16% of research funding comes from industry

40+ business partners for graduate education

43 companies founded by SUSTech faculty

55 joint labs with:
- Silver Star (robotics)
- DJI (intelligent sensors)
- iCube (High-performance GPU)
- LEPU (medical technology)

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<tr>
<th>Rate of granted patent applications</th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
<th>2020</th>
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<tbody>
<tr>
<td></td>
<td>10%</td>
<td>15%</td>
<td>26%</td>
<td>29%</td>
<td>38%</td>
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<tr>
<td>20</td>
<td>42%</td>
<td>11%</td>
<td>14%</td>
<td>27%</td>
<td>13%</td>
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Life and Health

**APOSTLE**

Apostle 南科征途
Improving the accuracy and efficiency of liquid biopsy - the testing of circulating free DNA (cfDNA) - in early cancer detection or other clinical applications.

Information Technology

**Sitan Technology** 想坦科技
Solutions for all practical issues in the process of Micro-LED technology development and industrialization, realizing mass production of Micro-LED.

Environmental Conservation

**SUSTech Environmental** 南科环保
Comprehensive management and pollution treatment of groundwater, soil and underground water, plus SpongeCity consultation service.

Advanced Manufacturing

**Multifield Precision** 迈菲精密
Precision processing (fine ceramic and titanium alloys) and advanced manufacturing technologies for new generation of 5G smart phones, smart wearable device and VR products.
International Development

A global university fostering impactful partnerships

International network
- Global partnerships (50% of partner institutions are within world’s top 200)
- 45% of papers are international collaborative efforts
- International Advisory Council comprised of leaders from world class universities

International faculty
- Recruit talent from across the globe
- 95% of faculty have international experience
- 40% of senior faculty are overseas citizens

International education
- Bilingual instruction & learning
- High emphasis on academic writing & scientific communication
- Dual degree & study abroad programs

International campus
- International living conditions
- Highly selective recruitment process for international students
- Visiting scholars from around the globe

International reputation
- Pursuing academic excellence and impact
- High level international forums & seminars
- State of the art research facilities

Joint research / education platforms

Joint School of Medicine
This collaboration brings KCL’s 800 year history and world-renowned reputation in training doctors and medical professionals to the dynamic Greater Bay Area in China. It is the first of its kind in China for such close collaboration in medical education. The School aims to integrate science and engineering with medical education, offering a dual degree to SUSTech graduate students. The School will help establish the city of Shenzhen as the place to go to for high quality medical education, healthcare and cutting edge research.

Centers for Mechanical Engineering Research and Education at MIT and SUSTech
Each year, faculty members and students will have the opportunity to share their insights in joint workshops. Roughly a dozen graduate and undergraduate students from SUSTech will spend time at MIT annually. SUSTech faculty will be invited to observe MIT’s approach to mechanical engineering education firsthand. Meanwhile, faculty and students from MIT will be invited to travel to Shenzhen and observe developments in the area’s innovation ecosystem through a number of programs.

Joint Center for Neuroscience and Neural Engineering
The Center focuses on neurocircuit computation, regulating neurocircuits to restore function following stroke, neurorehabilitation, connectomics and neuromorphic computing. The mission of the Center is to combine multidisciplinary research teams to foster advances in Neuroscience and Neural Engineering that will dramatically increase the understanding of neuronal circuit computations, drive the development of next generation in-silico computational devices, and enhance the quality of life of Chinese and Australians impacted by disease and damage of the nervous system.

Joint Research Center on Super Smart Cities
The Center focuses on the basic theoretical research of Artificial Intelligence, Big Data, Internet of Things, 5G and other advanced technologies related to smart cities and urban digitalization, as well as the application research oriented to major social needs, such as Urban Brain, Intelligent Transportation, Urban Emergency Response, and Urban Perception. In response to the covid-19 pandemic, the joint center developed the “Novel Coronavirus (COVID-19) Transmission Modeling Prediction and Simulation Platform powered by flow Data and AI”.

Institute of Risk Analysis, Prediction and Management (Risks X)
The Institute is committed to building a revolutionary dynamic risk management platform, with real-time and dynamic monitoring of extreme risks in various system applications, simulations of future scenarios, analysis and prediction of risk trends, in order to help our society develop strong resilience and improve social responsibility. It uses rigorous data driven mathematical and statistical analysis to diagnose system instability, to study the predictability and control of extreme events in complex systems including financial and economic systems, natural disasters, energy security, epidemics and public health, major critical infrastructure, social dynamics and big data, block chain and cyber security.

Joint Institute for Global Management and Entrepreneurship
The Institute represents an alliance of SUSTech’s academic expertise in scientific and technological innovation with HEC Paris’ knowledge in economics, finance, management science, innovation, and entrepreneurship. The partnership will integrate both knowledge bases and partner networks to focus on the needs of international innovation and entrepreneurship platforms. It will also seek to cultivate managerial professionals for cutting edge technology centric industries for the industrial transformation of the Greater Bay Area whilst contributing to the technology / innovation entrepreneurship ecosystem of the Greater Bay Area.

Department of Earth and Space Sciences researcher Lei Fu joined the 36th National Antarctic Research Expedition to Zhongshan Station in the Larsenbun Hills of East Antarctica.
Taiheng Ren, one of the first participants in the MIT Exchange Program, representing MIT in the Hyperloop II competition held by Elon Musk’s SpaceX.

The 2019 DJI RoboMaster competition was co-hosted by the School of System Design and Intelligent Manufacturing. The contest saw nearly 100 students from around the world study and compete at SUSTech for 21 days.

SUSTech held its first symposium for international partnerships on “Innovation and Collaboration: The Future of Research Universities in a New Global Era.”

Members of the International Advisory Council (IAC) visiting DJI’s RoboMaster base in Shenzhen.
ALUMNI

A thriving global network of talent

26% Graduate outcomes

41% Further study

28% Doctoral Degree

70% Master’s Degree

33% Employed or self-employed

Continue to study abroad and in HK & Macau
Continue to study in mainland China
Employed or self-employed

Since our first cohort graduated in 2015, SUSTech students have chosen future pathways across the world:

Tianzi Guo
The founder of Taizhou Sevan Technology Co., Ltd.

"The moment we made that decision, we became SUSTechers with the adventurous spirit similar to that of entrepreneurs. We faced doubts and rumors about SUSTech together, overcame the pressure, and proved them wrong with our achievements today. Before entering SUSTech, we were told in school to fall in line rather than follow our hearts. It’s not easy to stay true to yourself, and I am glad that I have the support I need to become who I really am."

Jiale Wang
Forbes 30 Under 30 2021 ASIA
Currently works in HSBC
The first graduate in the history of SUSTech. He graduated from SUSTech in advance in June 2014 at age of 17, and went to UK in pursuit of a doctoral degree at Oxford.

"After meeting so many people and experiencing so many things in my three year college life, I have formed a new understanding of many things and have set a better goal for myself. However, the most important treasure for me is that I have learned how to appreciate and cherish. I appreciate all the encouragement and help I’ve received and I cherish all my family and friends. Studying and living in Oxford for me is an extension of the life in SUSTech. With the basis laid in SUSTech, I will strive hard to continue its glory in Oxford."

Ziyi Zhang
A hostess of various national and international ceremonies, a medical care volunteer in Tibet.

"During my two years of studying at SUSTech, I have absorbed rich knowledge and experience of advanced interdisciplinary, which is a crucial step in my life. More importantly, I have increased my courage to face difficulties and my sense of responsibility to serve the society. As a PhD student in materials science, I am committed to scientific research and application related to human health, and gradually realize my career and idea in the Greater Bay Area."

Zhi Zhang
One of the first undergraduate students to enter SUSTech. He chose an entrepreneurial path founding Shenzhen Nanke New Materials with Associate Professor Dazhi Sun, the first SUSTech established enterprise.

"I wanted to see my research results applied in real life. It is something I wanted to achieve when I first started to do experiments. I knew that I wanted to start a business because otherwise, I would only be researching a small part of the industrial production chain."

Canada 13
USA 255
UK 48
Rest of mainland China 1002
Japan 11
Shenzhen 1002
Hong Kong 213
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