



# UNIVERSITY OF SCIENCE AND TECHNOLOGY OF CHINA



**A GREAT ACADEMIC JOURNEY  
INTERNATIONAL PROSPECTUS  
*2020/2021***

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# BASIC FACTS

*Founded* in 1958 by Chinese Academy of Sciences

*Established* the 1st graduate school in China in 1978

**80**  
**TOP 3**  
in Mainland  
China

**THE WORLD**  
UNIVERSITY  
RANKINGS  
Times Higher Education  
**THE University Rankings**  
2020



## Disciplines in the world's *Top 50* ARWU Subject Rankings 2020

Disciplines in the world's TOP 50 ARWU Subject Rankings 2020

- » Nano Science & Technology
- » Energy Science & Technology
- » Chemistry
- » Materials Science & Engineering
- » Mechanical Engineering
- » Chemical Engineering
- » Computer Science
- » Biomedical Engineering
- » Physics
- » Telecommunication Engineering
- » Instruments Science & Technology
- » Automation & Control



- ◆ **2244** academic staff
- ◆ **749** full professors
- ◆ **62** academicians of Chinese Academy of Sciences/ Chinese Academy of Engineering

- ◆ **6** campuses in Hefei city
- ◆ **1** institute in Hefei city
- ◆ **7** institutes around China (Beijing, Shanghai, Guangzhou, Nanjing, Suzhou, Changchun, Shenyang)

- ◆ **7421** undergraduate students
- ◆ **13133** graduate students
- ◆ **6415** doctoral students

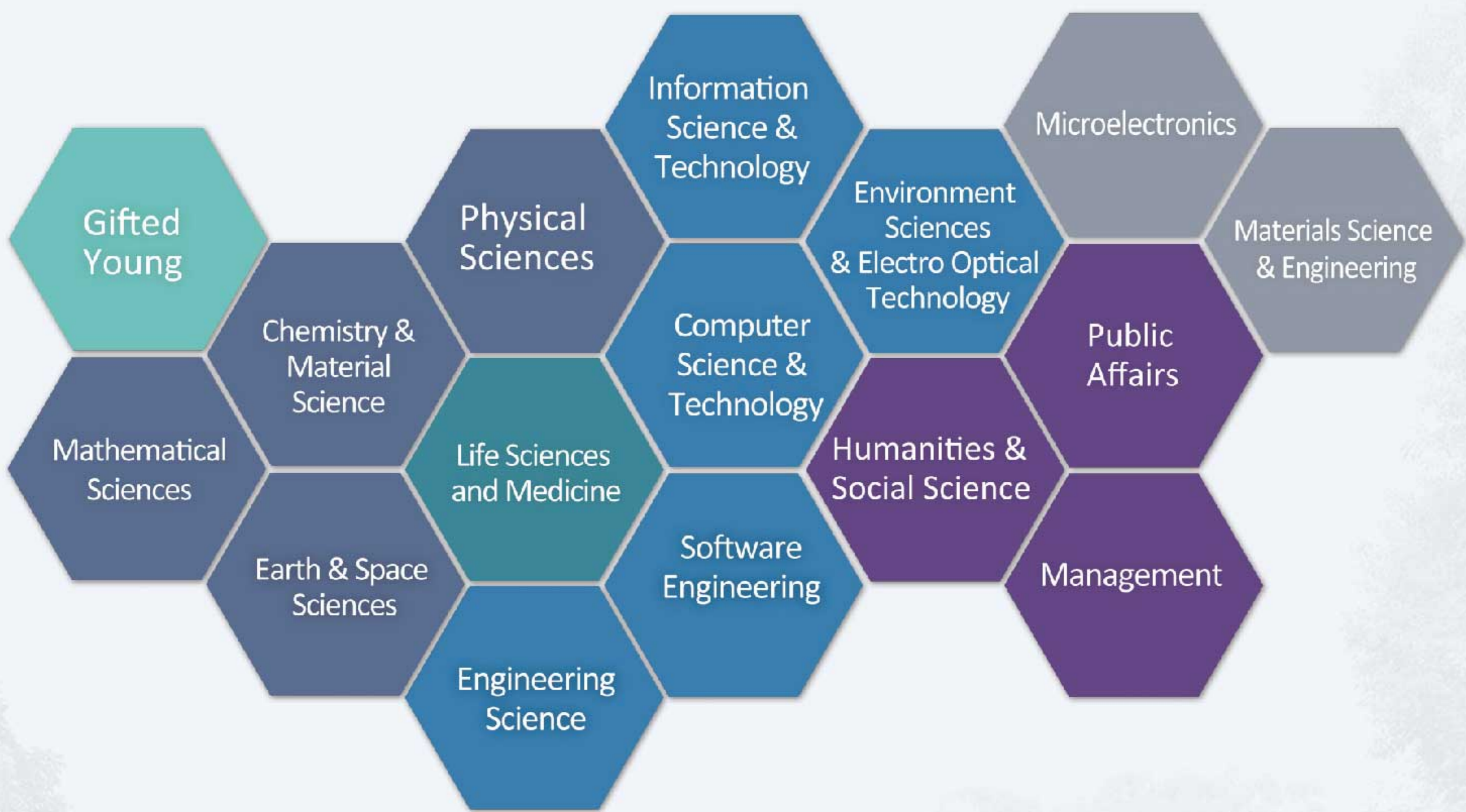
- ◆ **2** national labs
- ◆ **2** “Big Science” facilities jointly with CAS institutes

- ◆ **849** international students from **78** countries

- ◆ **1** affiliated hospital



# *SCHOOLS in USTC* //



USTC offers **32** undergraduate programs, **114** master's programs and **94** doctoral programs in Mathematics, Physics, Chemistry, Materials Science, Engineering Science, Electronic Information, Computer Science, Earth and Space Sciences, Environmental Science, etc in **23** schools and institutes. Among them, **7** master's programs and **94** doctoral degree programs can be conducted in English.



# *SCHOLARSHIPS for International Students* //

USTC provides various financial aid and competitive scholarships to international students. Excellent applicants may apply for USTC Fellowship, which includes tuition waiver, accommodation subsidy, comprehensive medical insurance and monthly stipend .



## *How to apply:*

Online application: <http://isa.ustc.edu.cn>

Application Period: 1 Dec. 2020 to 31 Mar. 2021 for Sept. 2021 intake



# PROGRAMS for International Students

## Undergraduate Programs Duration: 4 years | Medium language: Chinese

1 Applied Physics	17 Geophysics
2 Astronomy	18 Information and Computing Science
3 Atmospheric Science	19 Information Security
4 Automation	20 Macromolecule Material and Engineering
5 Biological Science	21 Management Science
6 Biological Technology	22 Materials Chemistry
7 Business Administration	23 Materials Physics
8 Chemistry	24 Measurement and Control Technology and Instrument
9 Communication Engineering	25 Mechanical Design, Manufacture and Automation
10 Computer Science and Technology	26 Nuclear Engineering and Nuclear Technology
11 Electronic Information Engineering	27 Optoelectronic Information Science and Engineering
12 Electronic Science and Technology	28 Physics
13 Energy and Power Engineering	29 Pure and Applied Mathematics
14 Environmental Science	30 Safety Engineering
15 Finance	31 Statistics
16 Geochemistry	32 Theoretical and Applied Mechanics

Two Years of  
Broad-Area Training

“2+X”

Rich Opportunities for  
Development Choices





# Master's Programs

Duration: 2-3 years | Medium language: English

School	Program
School of Management	Master of Business Administration (MBA)
	Business Administration
	Management Science and Engineering
School of Public Affairs	Master of International Property Administration (MPA)
School of Computer Science	Master of Computer Technology
School of Software	Master of Engineering in Software Engineering
School of Earth and Space Science	Geophysics

## Internship Bases





# Master's Programs

Duration: 2-3 years | Medium language: Chinese

1 Analytical Chemistry	30 Control Theory and Control Engineering
2 Applied Chemistry	31 corrosion science and protection
3 Applied Mathematics	32 Cultural Heritage and Museology
4 Applied Statistics	33 Cyberspace Security
5 Archaeology	34 Ecology
6 Astrometry and Celestial Mechanics	35 Electromagnetism Field & Microwave Technology (Science)
7 Astronomical Techniques and Methods	36 energy chemical engineering
8 Astrophysics	37 Energy Chemistry
9 Atmospheric Science	38 Engineering Mechanics
10 Atom and Molecule Physics	39 Engineering Safety and Protection Technology
11 bio-chemical	40 Engineering Thermophysics
12 Biochemistry and Molecule Biology	41 Enterprise Management
13 Bioinformatics	42 Environmental Science and Engineering
14 Biological Engineering Mechanics	43 Finance
15 Biological Mathematics	44 Financial Management
16 Bio-material	45 Fluid Machinery and Engineering
17 Biomedical Engineering	46 Fundamental Mathematics
18 Biophysics	47 Genetics
19 Business Administration	48 Geochemistry
20 Cell Biology	49 Global Change
21 Chemical Biology	50 History of Science and Technology
22 Chemical Engineering	51 Hydrodynamics
23 Circuits and Systems	52 Information Capture and Control
24 Communication and Information System	53 Information Safety
25 Computer Application Technology	54 Inorganic Chemistry
26 Computer Software and Theory	55 Internet Communication System and Control
27 Computer System Structure	56 Journalism and Communication
28 Computing Mathematics	57 Law
29 Condensed Matter Physics	58 Logistics Engineering and Management



59 Macromolecule Chemistry and Physics	87 Organic Chemistry
60 Management Science and Engineering	88 Particle Physics and Nucleus Physics
61 Marketing Management	89 Physical Chemistry
62 Master of Business Administration	90 Physics Electronics (Science)
63 Material Chemical Engineering	91 Plasma Physics
64 Material Chemistry	92 Precision Instrument and Machinery
65 Material Mechanics and Design	93 Probability Theory and Mathematical Statistics
66 Material Physics and Chemistry	94 Public Administration
67 Material Processing Engineering	95 Quantum Information Physics
68 Material Science	96 Radiation Proof and Environment Protection
69 Measuring and Testing Technologies and Instruments	97 Refrigeration and Microtherm Engineering
70 Mechanical-electronic Engineering	98 Renewable Clean Energy
71 Microbiology	99 Safety Science and Engineering
72 Microelectronics and Solid State Electronics	100 Signal and Information Process
73 Microsystems Mechanics	101 Single Molecule Science
74 Mineralogy, Petrology, Mineral Deposit Geology	102 Software Engineering
75 Module Identification and Intelligence System	103 Solid Geophysics
76 Monetary Finance	104 Solid Mechanics
77 Nanochemistry	105 Space Physics
78 Navigation, Guide and Control	106 Statistics
79 Neurobiology	107 Structural Biology
80 Nuclear Energy Science and Engineering	108 Synchrotron Radiation and Application
81 Nuclear Fuel Cycle and Materials	109 Systems Engineering
82 Nuclear Technology and Applications	110 Technical Economics and Management
83 Operation Management	111 Tectonics Geology
84 Operational Research and Cybernetics	112 Testing Technology and Automation Devices
85 Optics	113 Theoretical Physics
86 Optics Engineering	114 Thermal Power Engineering



# Doctoral Programs

Duration: 3-4 years | Medium language: English/Chinese

1 Analytical Chemistry	25 Computing Mathematics
2 Applied Chemistry	26 Condensed Matter Physics
3 Applied Mathematics	27 Control Theory and Control Engineering
4 Astrometry and Celestial Mechanics	28 Corrosion Science and Protection
5 Astronomical techniques and methods	29 Ecology
6 Astrophysics	30 Electromagnetic Field and Microwave Technology
7 Atom and Molecule Physics	31 Energy Chemistry
8 bio-chemical	32 Energy Chemical Industry
9 Biochemistry and Molecule Biology	33 Engineering Mechanics
10 Bioinformatics	34 Engineering Thermophysics
11 Biological Engineering Mechanics	35 Environmental Science and Engineering
12 Biological Mathematics	36 Fluid Machinery and Engineering
13 Bio-material	37 Fundamental Mathematics
14 Biomedical Engineering	38 Genetics
15 Biophysics	39 Geochemistry
16 Business Administration	40 History of Science and Technology
17 Cell Biology	41 Hydrodynamics
18 Chemical Biology	42 Information Capture and Control
19 Chemical Engineering	43 Information Safety
20 Circuit and Systems	44 Inorganic Chemistry
21 Communication and Information System	45 Macromolecule Chemistry and Physics
22 Computer & Application Technology	46 Management Science and Engineering
23 Computer Software and Theory	47 Material Chemical Engineering
24 Computer System Structure	48 Material Chemistry



National Synchrotron  
Radiation Laboratory



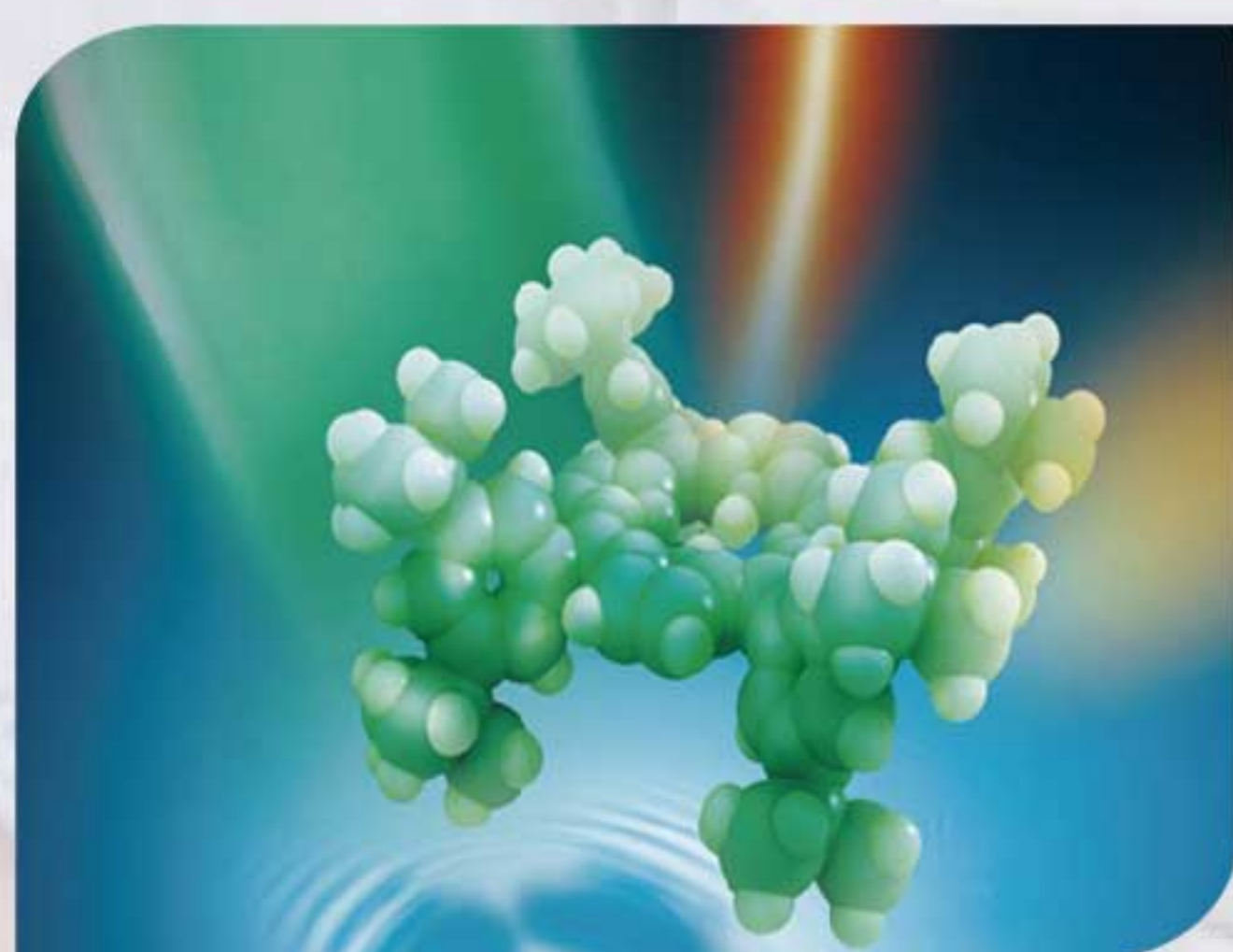
National Center for Physical  
Sciences at the Microscale



National Laboratory for  
Quantum Information Science



49 Material Physics and Chemistry	72 Physics Electronics
50 Material Processing Engineering	73 Plasma Physics
51 Material Science	74 Precision Instrument and Machinery
52 Measuring and Testing Technologies and Instruments	75 Probability Theory and Mathematical Statistics
53 Microbiology	76 Quantum Information Physics
54 Microelectronics and Solid Electronics	77 Radiation Proof and Environment Protection
55 Microsystems Mechanics	78 Refrigeration and Microtherm Engineering
56 Mineralogy, Petrology, Mineral Deposit Geology	79 Renewable Clean Energy
57 Module Identification and Intelligence System	80 Renewable Energy & Clean Energy
58 Nanochemistry	81 Safety Science and Engineering
59 Navigation, Guide and Control	82 Signal and Information Process
60 Network Security	83 Solid Geophysic
61 Neurobiology	84 Solid Mechanics
62 Nuclear Energy Science and Engineering	85 Space Physics
63 Nuclear Fuel Cycle and Materials	86 Statistics
64 Nuclear Technology and Applications	87 Stratigraphic Paleontology
65 Operational Research and Cybernetics	88 Structural Biology
66 Optics	89 Synchrotron Radiation and Application
67 Optics Engineering	90 Systems Engineering
68 Organic Chemistry	91 Tectonics Geology
69 Particle Physics and Atomic Nucleus Physics	92 Testing Technology and Automation Devices
70 Philosophy of Science & Technology	93 Theoretical Physics
71 Physical Chemistry	94 Thermal Power Engineering



Singlemolecule Raman imaging produces detailed chemical pictures



USTC geoscientists join China's Antarctic and Arctic voyages for polar research



Wukong satellite China's first dark matter explorer



**USTC provides** diverse short-term programs, including USTC Chinese Language Training Program, Research Internship Program, Visiting Student Program, Summer Camp, and Winter Camp. Applicants for short-term programs can apply for USTC Fellowship. To know more about the short-term programs, please refer to <http://ic.ustc.edu.cn/en/>



Welcome  
to *USTC*



**USIC**  
University of Science and  
Technology of China

## Contact Information

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University of Science and Technology of China

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