



CHONGQING UNIVERSITY



CHONGQING UNIVERSITY

National Key University

Top 1% of Chinese universities

World-class University Plan

Academic Strongpoints in Engineering, the Built Environment,
Social and Natural Sciences



Campuses: **5**
Total area: **353** hectares
Faculties: **7**
Schools: **35**
Affiliated Hospitals: **8**



STAFF: over **5,300**
Professors and associate
professors: over **2,100**
Academicians: **9**



STUDENTS: **50,000**
Undergraduates: **26,000**
Graduate and Professional
students: **24,000**
International students: **1,000**

GENERAL

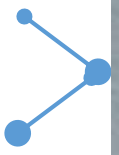
CQU SCHOOLS



- **7 FACULTIES**
- **35 SCHOOLS**



- Faculty of Arts and Humanities
- Faculty of Social Sciences
- Faculty of Science
- Faculty of Engineering
- Faculty of Built Environment
- Faculty of Information Science
- Faculty of Medicine



Essential Science Indicators

16

Economics & Business

Pharmacology & Toxicology

Clinical Medicine

Molecular Biology and Genetics

Biology and Biochemistry

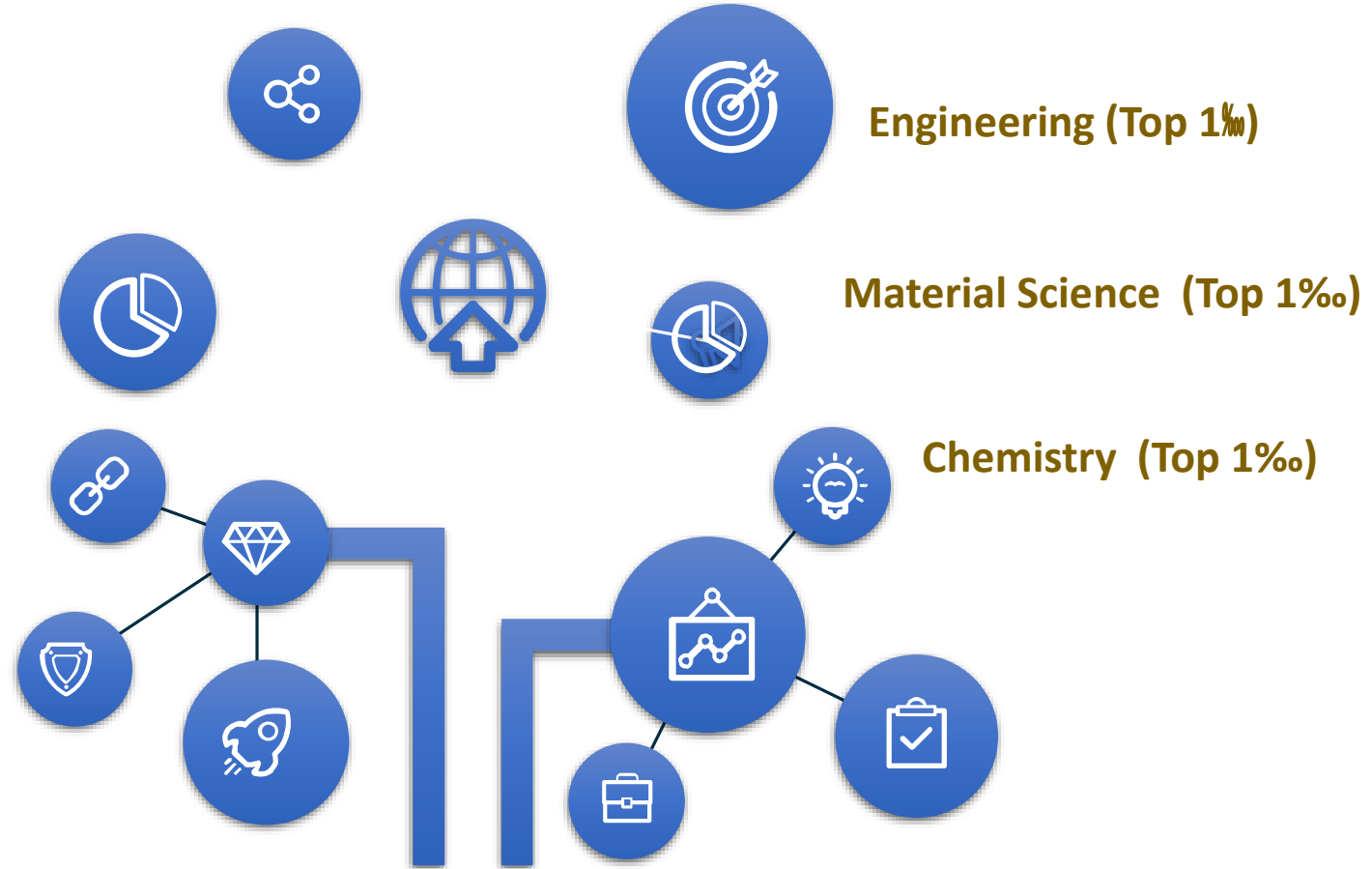
Environment and Ecology

Plant and Animal Science

Mathematics

Computer Science

Physics





US NEWS & WORLD REPORT 2023

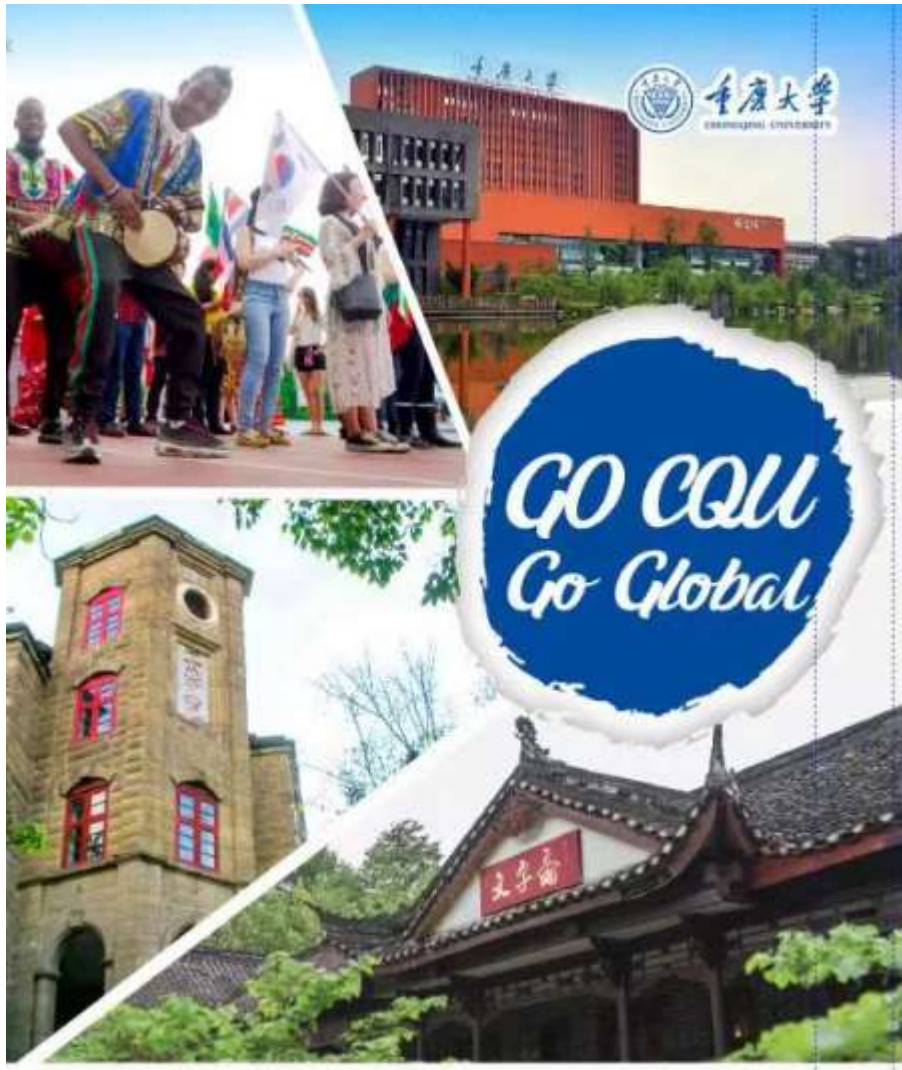
Mechanical Engineering **#13**
Civil Engineering **#18**
Chemical Engineering **#24**
Energy and Fuels **#26**
Electrical and Electronic Engineering **#29**
Engineering **#39**
Physical Chemistry **#63**
Nanoscience and Nanotechnology **#79**
Material Science **#83**
Artificial Intelligence **#84**
Condensed Matter Physics **#94**

Global Ranking ARWU 2023

Civil Engineering **#7**
Mining Engineering **#7**
Mechanical Engineering **#11**
Instrumental Science **#12**
Metallurgy Engineering **#14**
Instrumental Science **#13**

Transport Science & Technology **#23**
Chemical Engineering **#28**
Energy Science and Engineering **#33**
Automation & Control **#47**





China's Best Degree Programmes ARWU 2023

Quantity Surveying	#1 A+
Real Estate Development &. Management	#1 A+
Carbon Storage Science &. Engineering	#1 A+
AI+ Mining Engineering	#2 A+
Mechanical &. Electrical Engineering	#2 A+
...	
Marketing Management	#5 A+
...	
Construction Management	#8 A+
Financial Management	#9 A+
Logistics Management	#10 A+



Guo Shangping
Academician of CAS



Qiangba Puncog
Vice-Chairman of the
12th NPC Standing
Committee



Ren Zhengfei
Founder of Huawei

**CQU
ALUMNI**



Has trained more than 400,000 advanced professionals in the past 9 decades
Has proudly cultivated over 40 CAS and CAE academicians, political figures, and entrepreneurs

Li Xiaohong
President of CAE &
Academician of CAE





CQU RESEARCH

AAdvanced manufacturing technology

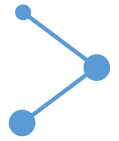
EElectricity and energy

Materials and metallurgy

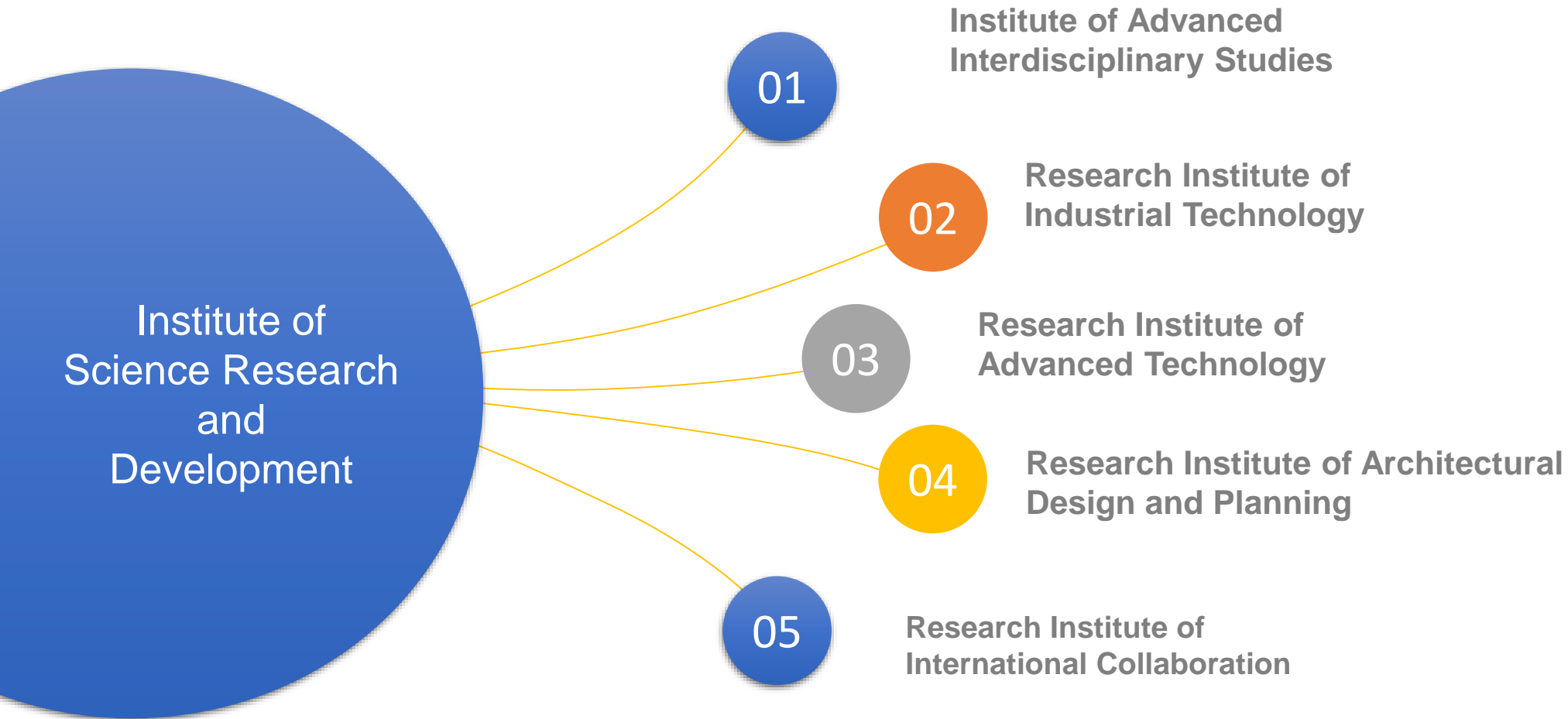
AArchitecture and civil engineering

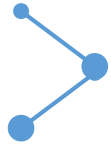
RResources and environment

IInformation technology



“1+5” SCIENTIFIC AND TECHNOLOGICAL INNOVATION SYSTEM





SCIENTIFIC RESEARCH PLATFORM

Collaborative Innovation Centre 2011 Scheme

- Chongqing Automotive Collaborative Innovation Centre

State Key Laboratories

- The State Key Laboratory of Mechanical Transmission
- The State Key Laboratory of Power Transmission equipment and System Security, and New Technology
- The State Key Laboratory of Coal Mine Disaster Dynamics and Control
- National Key Laboratory of Advanced Manufacturing
- National Key Laboratory of Advanced Chemical Power Sources

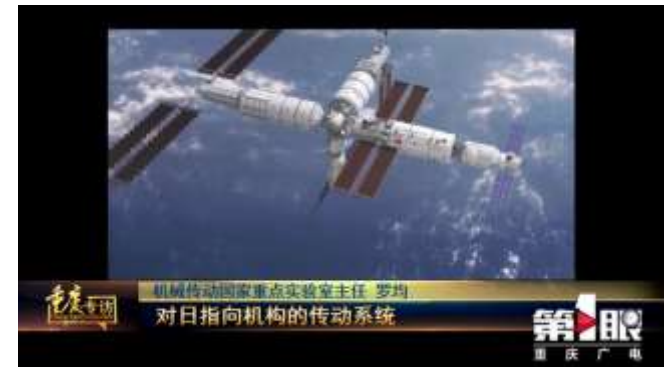
MOE Key Laboratories/Engineering Research Centre

- Key Laboratory of Biological Science and Technology, Ministry of Education
- Key Laboratory of Low-grade Energy Utilization Technologies & Systems, Ministry of Education
- Key Laboratory of the Three Gorges Reservoir Region' s Eco-environment, Ministry of Education
- Key Laboratory of New Technology for Construction of Cities in Mountain Area, Ministry of Education
- Key Laboratory of Optoelectronic Technology and Systems, Ministry of Education
- Key Laboratory of Aero craft Tracking Telemetry & Command and Communication, Ministry of Education
- Key Laboratory of Dependable Service Computing in Cyber-Physical Society, Ministry of Education
- Engineering Research Centre of Industrial Computed Tomography Nondestructive Testing, Ministry of Education
- ...

Plant sprouts on the Moon for first time ever

China's Chang'e-4 lander has sent back pictures of a cotton seed sprouting in a miniature biosphere experiment on the craft.

In recent years, technologies from Chongqing University have solved key problems in national major projects such as the **Chang'e-4 mini-biosphere load**, Chang'e-5 landing verification system, the first lunar unmanned drilling and sampling mission, and connecting gears for the solar panels of China's Space Station **Tiangong**.



China's Chang'e-4 mission has become the first ever to grow plants on the Moon. The lander sent back images of a cotton seed sprouting in a mini-biosphere experiment, a feat announced on 15 January.

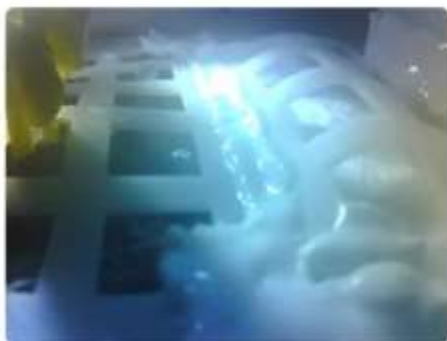
The pioneering experiment is one of several being carried out by Chang'e-4, a mission that is quickly racking up lunar firsts. On 3 January, it became first craft to make a soft landing on the far side of the Moon.

A small, sealed container carrying the seeds also contained nutrients, air and water, as well as yeast and fruit-fly eggs. The idea is for the plants to try and form a mini biosphere – an artificial, self-sustaining environment.

“It will provide a basis for world scientists to study the biological growth and photosynthesis under the conditions of low gravity, wide temperature difference and long illumination of the moon,” says Xie Genxin, a space environment scientist at Chongqing University and the chief designer of the biological experiment payload on the Chang'e mission.



On January 3rd, 2019, China's Chang'e-4 lander touched down on the far side of the Moon and deployed the Yutu rover. In addition to its many instruments, the rover carried an important science experiment known as the Biological Experiment Payload (BEP). Over the next eight days, this payload conducted a vital experiment where it attempted to grow the first plants on the Moon. Included in the payload were cotton, potato, arabidopsis, and rape seeds, along with fly eggs, yeast, and 18 ml (0.6 fluid oz) of water, which was kept at a constant atmospheric pressure.



嫦娥四号, 2019年01月07日, 第4天, 主相机, 注水后87h



嫦娥四号, 2019年01月12日, 第9天, 主相机, 注水后132h

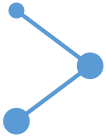


“When we take the step towards long-term human habitation on the Moon or Mars, we will need greenhouse facilities to support us, and will need to live in something like a biosphere,” Anna-Lisa Paul, a horticultural scientist at the University of Florida in Gainesville, told *Nature* ahead of the launch.

A group of five people, three women and two men, are sitting on a grassy lawn under large trees. They are engaged in conversation, with some holding books or papers. The scene is outdoors and appears to be a campus setting.

CQU INTER NATIONAL

Building a multicultural community
for students and faculty
who take on local and global challenges and
work together to create solutions



GLOBAL PARTNERS



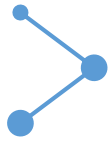
Has established partnerships with more than **300** universities and research institutes in over **40** countries and regions.

ASIA
NUS, NTU, KOREA UNI, KYOTO UNI, UNI OF MALAYSIA, ETC.

AMERICA
UC BERKELY, UIC, UNI OF CINCINNATI, UBC, UNI OF ALBERTA, ETC.

EUROPE
UNI OF OXFORD, LSE, UNI OF BRISTOL, AIX MASIELLE, TUM, ETC.

OCEANIA
MONASH, UNI OF QUEENSLAND, UNI OF ACLAND, ETC.



STUDENT MOBILITY PROGRAMMES

CSC Scholarship programmes:

PhD, Master, undergraduate

Non-degree student exchange /study abroad programmes (1 or 2 semesters):

UK, USA, Australia, Canada, France, Singapore, Germany, Italy, Japan, South Korea, etc.

Dual degree programmes :

2+2, 3+2, 3+1+1,4+1 collaborative programmes: USA, UK, Australia, Belgium, etc.

Sino-US 1+2+1 undergraduate dual degree program;1+1+1 double master degree programmes: USA, UK, Ireland, etc.

Short-term programmes/ summer school/winter school:

Europe, USA, South Korea, Spain, Canada, UK, Australia, Japan, etc.

Short-term internship or research programmes:

Europe, USA, Canada, UK, Australia, Japan, South Korea, Singapore, Thailand, etc





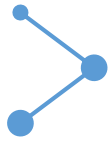
PROGRAMMES TAUGHT IN ENGLISH

Master Programmes

- Master of Business Administration
- Mechanical Engineering
- Energy and Power
- Power Engineering and Engineering Thermophysics
- Resources and Environment
- Materials Science and Engineering
- Metallurgical Engineering
- Architecture
- Landscape Architecture
- Urban Planning
- Civil Engineering
- Engineering Management
- Optical Engineering
- Instrument Science and Technology
- Computer Science and Technology
- Electronic Information
- Software Engineering
- Biomedical Engineering
- Chemistry
- Chemical Engineering and Technology

Ph.D. Programmes

- Mechanical Engineering
- Electrical Engineering
- Power Engineering and Engineering Thermophysics
- Materials Science and Engineering
- Metallurgical Engineering
- Architecture
- Landscape Architecture
- Urban Planning
- Civil Engineering
- Optical Engineering
- Instrument Science and Technology
- Information and Communication Engineering
- Computer Science and Technology
- Software Engineering
- Biomedical Engineering
- Environmental Science and Engineering
- Business Administration
- Chemistry
- Chemical Engineering and Technology



SCHOLARSHIPS AVAILABLE



**Chinese Government
Scholarship for
International Students**



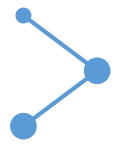
**International Chinese
Language Teachers
Scholarship**



**Chongqing Mayor
Scholarship**



**Chongqing University
President Scholarship**



INTERESTED FIELDS OF COOPERATION

- Joint **Research Centres and Institutes**
- Joint Academic and Scientific **Conferences and Seminars**
- **Joint Education Institute/Programmes**
- Exchange of Faculty Members for Research
- Exchange of Students for Study and Research
- Exchange of Academic Materials and Publications
- Other Possible Fields of Cooperation



THANK YOU!

谢谢!



研究学术 造就人才 佑启乡邦 振导社会