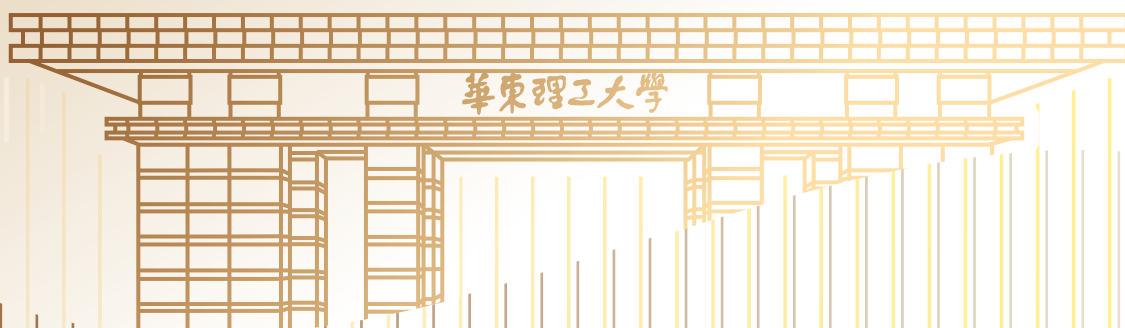




華東理工大學
EAST CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY

ECUST

EAST CHINA UNIVERSITY OF
SCIENCE AND TECHNOLOGY



A University in Shanghai A University of the World

A photograph of the Shanghai skyline at sunset, featuring the Oriental Pearl Tower and the Shanghai Tower. The sky is a mix of orange, pink, and blue. A large red diagonal shape cuts across the bottom right of the image.

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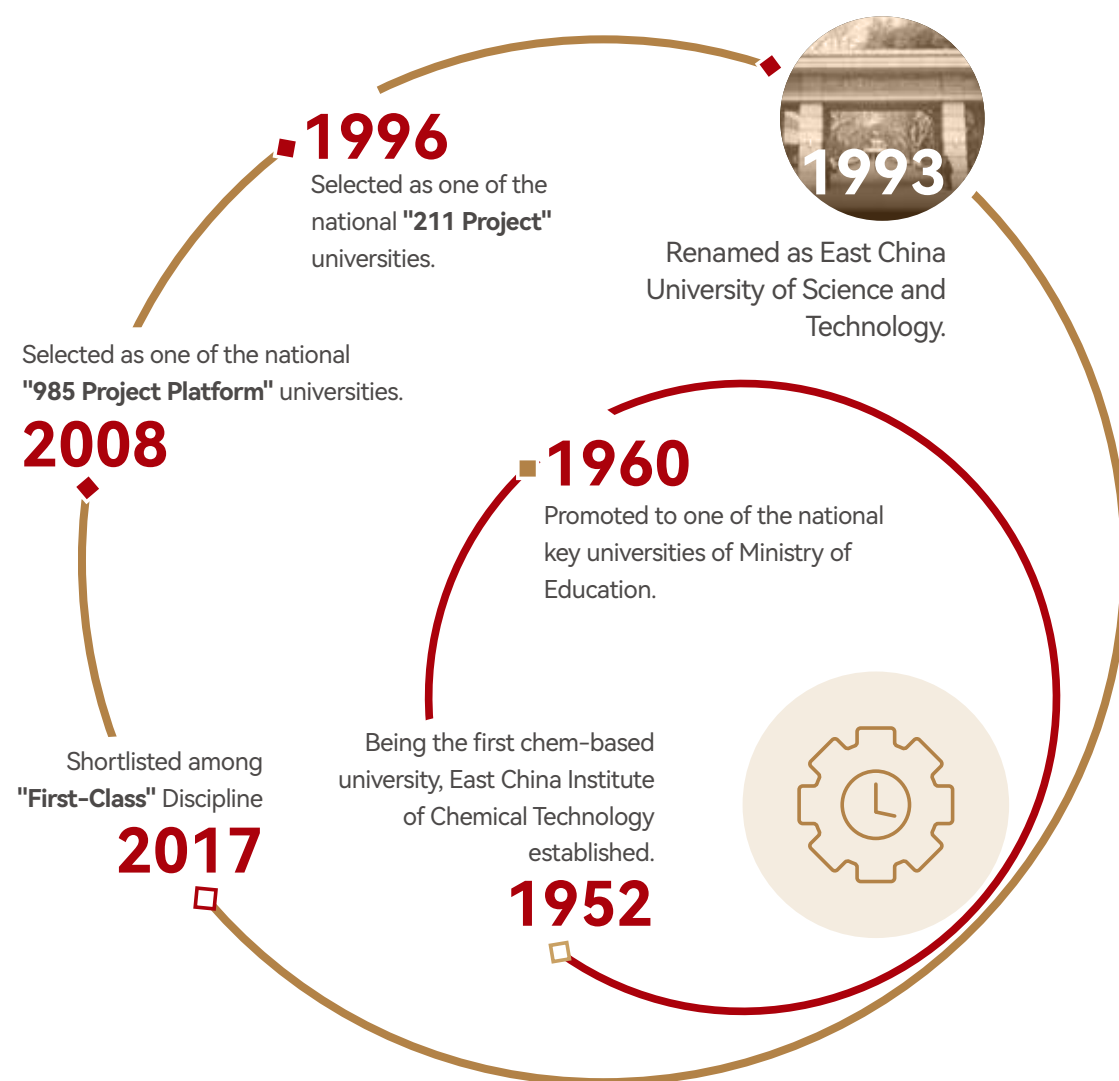
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HISTORIC TIMELINE



Vision and Mission

Vision

Leading the way in scientific innovation across new energy, new materials, and broader realms of health and safety, we aspire to become a world class research-oriented higher institution, and continue to contribute in shaping a shared future of mankind.

ECUST IN FIGURES

Academic Ranking of World Universities 2024

Global
301-400

QS World University Ranking 2022

Average Number of Papers Cited

Global / Chinese mainland
99 / **5**

Nature Index ranking by research output 2024

Global / Chinese mainland
85 / **37**

ESI Chemistry Ranking (May 2021)

Global / Chinese mainland
34 / **9**

Chinese "First-class discipline" Scheme

- Chemistry
- Chemical engineering
- Materials science

ESI ranking

Ten disciplines are among the top 1% of the world. Chemistry, Engineering and Material Science are ranked 1% of the world



A total of **35 sub-disciplines** have entered the **top 300** in the world university discipline rankings.



17 Schools



Undergraduate

16,240

Master

12,700

PHD

2,580

International Students

≈ 1000

2,040

Faculty

1,200

Professors and Associate Professors



School of Business and its MBA program have been accredited by



Chemical Engineering & Technology program has been accredited by



Engineering Accreditation Commission

Computer Science & Technology program has been accredited by



Chemistry program has been accredited by



School of Art Design & Media has been a member of



EDUCATION FOR THE FUTURE

Regarded as the cradle of China's Chemical Engineers, ECUST has been dedicated to provide high-quality and cutting-edge education to younger generation since 1950s.

It is closely intertwined with the development of this country and has been making tremendous contributions to its fundamental construction.

With the motto of Diligence, Factuality, Aspiration and virtue, hundreds of thousands ECUST alumni have been forging ahead in respective industries.

TAN KAH ONG

1999 PG intake,
International Economy
and Trade, Malaysia



Kah Ong is running his own company and serves as Partner and Managing Director of Shanghai Inno-Chip Investment Management Co., LTD

YUAN Zihan

2020 UG intake,
Jurisprudence(or Law)/
minor in Finance, China



Zihan stayed at the International Chamber of Commerce (ICC) Shanghai as an intern and participated in an exchange program at Oxford University.

“The birdsong fills the air, swift vessel sails past countless isles.” Let ECUST propel us towards the extraordinary, as we navigate the ever-changing tides of life with courage and determination. Experience your journey in ECUST with an optimistic and positive attitude to make your life more perfect.

“ECUST and the School of Law have provided me with many opportunities for internships in international organizations and exchanges with prestigious international schools, so that I can expand my international perspective and strive to become an international talent.”



ABDULRAHMAN HATEM B GHAITH

2014 UG intake, Chemical Engineering and Technology, Saudi Arabia



Abdulrahman used to work as an engineer of Business Development in Saudi Aramco for Downstream growth and development. Now he is studying in ECUST as the 1st batch of commissioned UG students from Saudi Aramco.

“As a Chemical Engineering graduate from East China University of Science and Technology (ECUST), I gained a solid foundation that drives my career today. Now working as a process engineer and business developer at Saudi Aramco, I continuously apply the innovative skills and global perspective fostered at ECUST. My experience as an international student was both transformative and empowering, and I'm honored to represent the university by sharing this journey with future students.”

ZHU Zheng

2022 UG intake, English, China



Zheng served as the Deputy Secretary General of the uni's Model United Nations Association, and was awarded the “Prize for Excellent Report” at the International Competence Development Conference of Shanghai Jiao Tong University (ICDC-SJTU).

“ECUST has set up many international courses to cultivate our global competence and provided us with many opportunities for overseas internships and exchange programs. It has built a diversified learning platform, broadened my visions and notions, and made me better prepared for future challenges.”

ZHANG Hongji

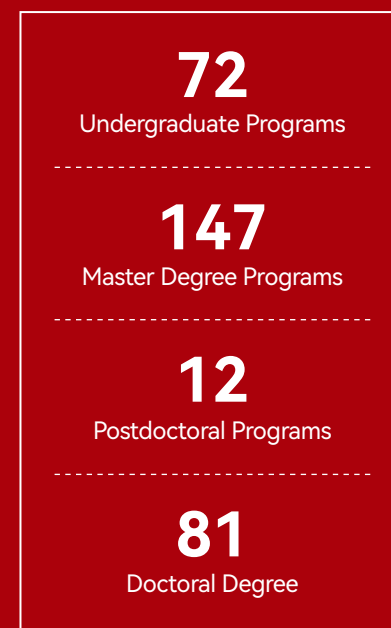
2020 intake, Finance, Hong Kong China



Hongji was honored as an outstanding participant in the G100 Shanghai Hong Kong Youth Government Training Camp, and won the first prize in the ‘Internet+’ competition as well. Now he is furthering his PG study at Zhejiang University.

“During my undergraduate studies, ECUST provided me with a world-class education that equipped me with critical thinking and practical skills. I thoroughly enjoyed my time there.”

Degrees and Programs



Length of Study



- School of Chemical Engineering
- School of Biotechnology
- School of Pharmacy
- School of Materials Science and Engineering
- School of Information Science and Engineering
- School of Mechanical and Power Engineering
- School of Resources and Environmental Engineering

- Institute of Humanities
- School of Business
- School of Social and Public Administration
- School of Art Design and Media
- School of Foreign Languages
- School of Law
- School of Sports Science and Engineering

- School of Chemistry and Molecular Engineering
- School of Mathematics
- School of Physics

International study opportunities

01

Study Abroad

We provide diverse global study opportunities for ECUST UG/PG students throughout the year, including summer/winter camp, 2+2, 3+1+1, 4+1, etc. Partner universities include University of Oxford, LSE, National University of Singapore, University of Queensland, etc.



ECUST has been working with Federation Gay-Lussac, University of Canberra, University of Leoben, University of Applied Sciences Lübeck on applying joint educational programs, offering students more opportunities of study pathways.

MOE-approved Sino-Foreign joint Programs

02

03

Bespoke courses with international teaching profile

ECUST has been working with University of Cambridge since 2021 in developing AI related online course Neural Network and Deep Learning and Machine Learning and Neural Networks. We welcome collaboration with like-minded global partners on delivery of high quality courses, equipping our students with an avant-garde academic exposure.

An unrivalled 3-year double degree program offered exclusively for international students, an unique opportunity to study at two internationally renowned institutions: ECUST and one of the world-class JMD partner universities in overseas countries

Visit <https://ies.ecust.edu.cn/jmd/#/> for more information

JMD

04



ENGINEERING A BETTER WORLD

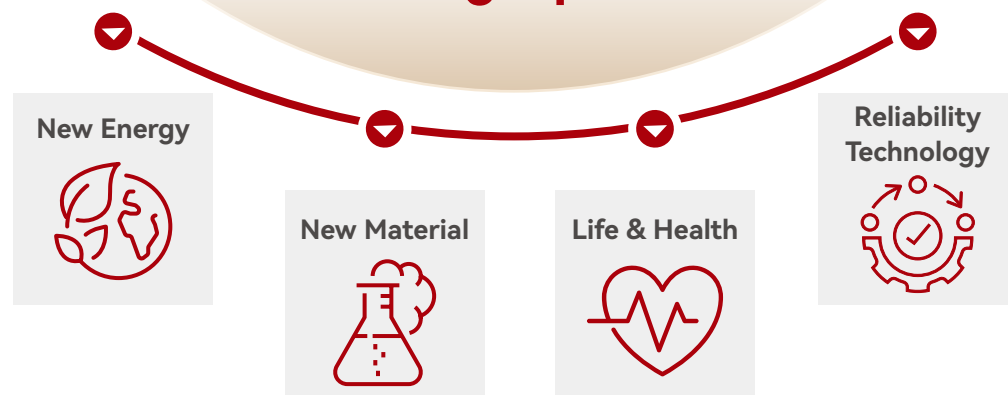
East China University of Science and Technology (ECUST) is the country's first higher-education institution specializing in chemical engineering. As a witness to, and in fact a central protagonist of China's rapid industrialization and modernization, it has made key contributions to the chem-related industries, including chemical manufacturing, clean energy, bio-engineering, material engineering equipment and process control and optimization, etc.

After 70 years development, the university will continue to target avant-garde scientific progress and respond to economic and social needs, helping to engineer a better world.

- Participation in the **FIRST** National Scientific and Technological Plan
- Research and manufacture of the **FIRST** Penicillin in China
- Invention of the **FIRST** Chinese color film
- Construction of China's **FIRST** bioreactor
- Construction of the **FIRST** large-scale gas producer in China
- Synthesis of China's **FIRST** mariculture animal vaccine
- Research and development of China's **FIRST** coal gasification technology



4 strategic priorities



Highlight areas



Leading faculty

 Yuan Weikang Member of the Chinese Academy of Engineering	 Qian Xuhong Member of the Chinese Academy of Engineering
 Tian He Member of the Chinese Academy of Sciences	 Qian Feng Member of the Chinese Academy of Engineering
 Liu Changsheng Member of the Chinese Academy of Sciences	 Tu Shandong Member of the Chinese Academy of Engineering
 Zhu Weihong Member of the Chinese Academy of Sciences	 Wang Hualin Member of the Chinese Academy of Engineering
 Bernard Lucas Feringa Foreign member of the Chinese Academy of Sciences	 Itamar Willner Foreign member of the Chinese Academy of Sciences
 Andrew I. Cooper Foreign member of the Chinese Academy of Sciences	 Zhang Jinlong Member of the European Academy of Sciences
 Mu Bozhong Member of the Russia Academy of Engineering	 Zhang Lixin Member of the European Academy of Sciences

Flagship research collaborations

- Feringa Nobel Prize scientist Joint Research Center
- Oliver Hart Research Center of Contracts and Governance

01

MOE Joint International Research Laboratory for Precision Chemistry and Molecular Engineering

02

Joint International Research Laboratory of Smart and Optimal Manufacturing for Petrochemical Industry

03

International Joint Research Center of Green Energy Chemical Engineering

04

Joint International Laboratory for Precision Chemistry

05

Joint International Laboratory for Potassium and Lithium Strategic Resources

GLOBAL OUTREACH

170+

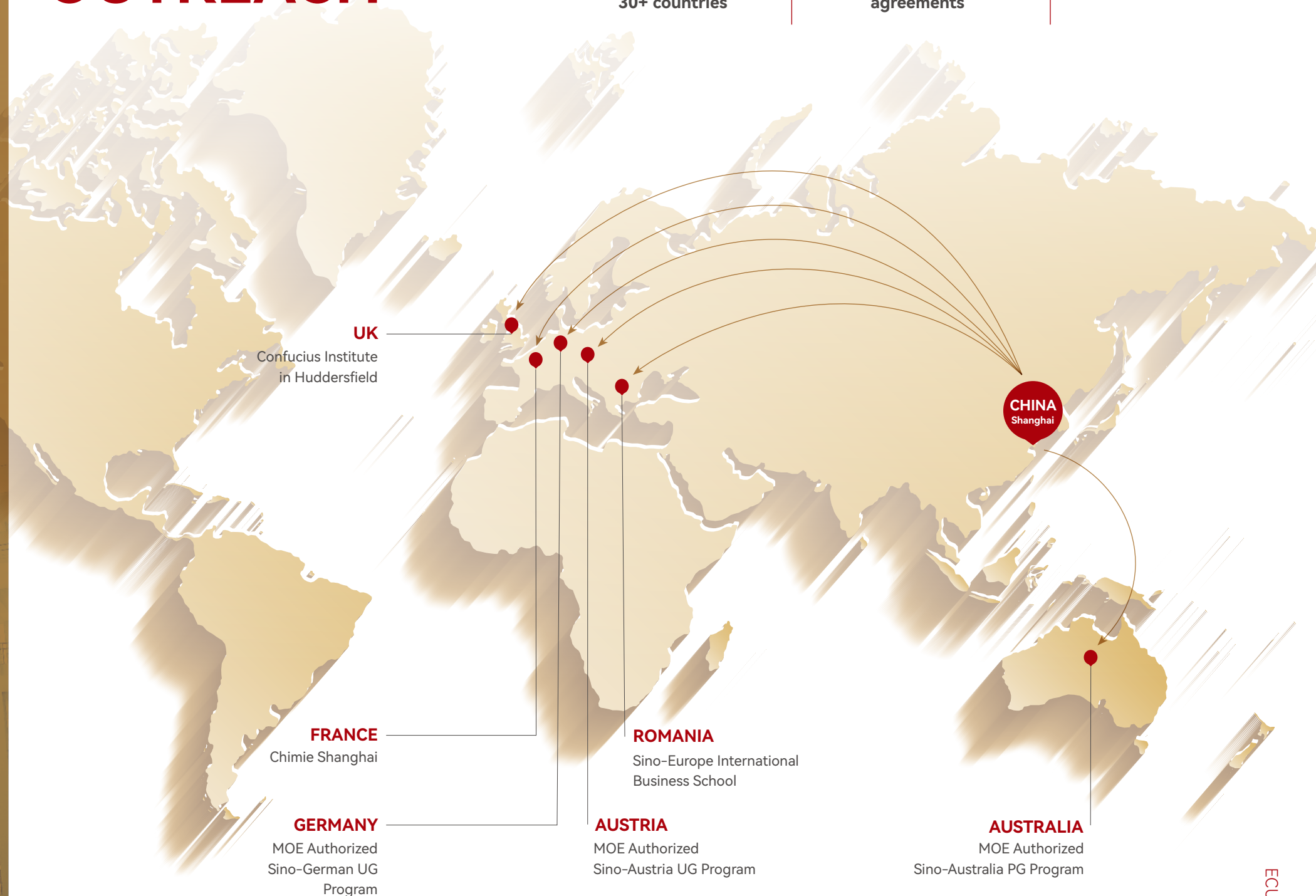
Global partners from 30+ countries

310+

Collaboration agreements

45

QS top200





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