

OVERVIEW



Chang'an University, or CHU, is a national key university. Directly under the leadership of the Ministry of Education, it is listed under Project 211, Project 985 Innovation Platform, and Double First-Class Project of China. Located in Xi'an City, Shaanxi Province, CHU has two campuses and three training centers, with a total area of 250 hectares.

CHU has 25 schools and departments that cover the entire process of bachelor's, master's, and doctoral education and cultivation in 11 major fields, namely, philosophy, economics, law, literature, science, engineering, management, education, agriculture, art, interdisciplinary studies. In the new era, facing major national strategies, a number of physical research institutes have been established, such as Modern Transportation Research Institute, Qinling Ecological Environment Research Institute, Yellow River Research Institute, Sichuan-Tibet Railway Engineering Research Institute, Hangzhou Future Transportation Research Institute, and Xiong'an Modern Industry Research Institute. At present, there are 3 academicians, from the Chinese Academy of Sciences, Chinese Academy of Engineering, and Singapore Academy of Engineering, and more than 1,300 professors and associate professors, including 433 doctoral supervisors and 1,113 master supervisors. We have over a hundred outstanding talents who undertake national key research and development plans and major engineering projects. There are currently over 25,000 full-time undergraduate students, over 13,000 doctoral and master's students, and over 1,800 international students.

CHU currently has 13 doctoral programs and 34 master's programs. There are 9 postdoctoral research centers. Six disciplines, including engineering, earth sciences, materials science, environmental

science and ecology, social sciences, and chemistry, have entered the top 1% of ESI globally, and the discipline of engineering has been listed as 1%. There are currently 84 undergraduate majors, of which 50 have been selected as first-class construction majors in the national "Double Ten Thousand Plan", and 27 have passed the national engineering education certification. CHU is firmly ranked among the top 100 universities in China. CHU's Civil and Transportation Engineering and Water Resources are ranked 14th and 22nd in the latest rankings published by U.S. News. It is known for cultivating highway transportation talents and the "golden card" for technological innovation.

CHU has established international cooperation such as the "Chang'an Dublin International College of Transportation", and the International Cooperation Joint Laboratory for Sustainable Development of Highway Transportation Infrastructure in Special Regions, the Joint Bachelor Program of Artificial Intelligence between Chang'an University and École Pour l'Informatique et les Techniques Avancées France, and five "111 Plan" subject innovation and talent introduction bases. It has initiated the establishment of the "Sino-Russian International Technology Transfer Center for Transportation Universities". We have held international forums on the alignment of highway engineering standards between China and the United States, China and Russia, China and France, and China and South Africa, promoting collaborative plans for international transportation standards. We deeply participate in the planning, organization, and operation of the World Transport Congress (WTC) and collaborate with large enterprises such as China Road and Bridge Corporation, China Communications Corporation, China Railway Corporation, and China Railway Construction Corporation to promote the "Going Global" partnership plan for Chinese enterprises. We have established cooperative relationships with over 190 universities and research institutions in over 30 countries and regions around the world.



FACTS AND FIGURES

ESI(ESSENTIAL SCIENCE INDICATORS, 2025)



Six disciplines, including engineering, earth sciences, materials science, environmental science and ecology, social sciences, and chemistry, have entered the **top 1%** of ESI globally, and the discipline of engineering has been listed as 1%.



Civil and Transportation Engineering and Water Resources are ranked **14th** and **22nd** according to U.S. News.



Ranked among the **top 100** universities in China.

• Full-time Academicians	3
• Professors and Associate Professors	1,300+
• Doctoral Supervisors	430+
• Master Supervisors	1,110+
• Full-time Undergraduate Students	25,000+
• Doctoral and Master's Students	13,000+
• International Students	1,800+

• Campus Area (hectare)	250
• National-level Experimental Teaching Centers	5
• Provincial-level Experimental Teaching Demonstration Centers	19
• National Engineering Laboratories	2
• International Joint Laboratory	1
• National Applied Mathematics Center	1
• Provincial-level Key Research Bases	91
• Chinese-Foreign Cooperation Program Majors	4



"Double First-Class Initiatives"

Building world-class universities and first-class disciplines is China's major education strategy, and it is also another national strategy in China's higher education field after the Project 211 and Project 985.

"Double First-Class Disciplines"

Transportation Engineering



SCHOOLS AND DEPARTMENTS

- School of Highway
- School of Automobile
- School of Construction Machinery
- School of Economics and Management
- School of Electronics and Control Engineering
- School of Information Engineering
- School of Geological Engineering and Geomatics

- School of Earth Science and Resources
- School of Civil Engineering
- School of Water and Environment
- School of Architecture
- School of Materials Science and Engineering
- College of Transportation Engineering
- College of Land Engineering
- School of Energy and Electrical Engineering
- School of Marxism
- School of Humanities
- School of Sciences
- School of Foreign Studies
- International Education School/International Student Office
- Department of Physical Education
- School of Continuing Education
- Chang'an Dublin International College of Transportation at Chang'an University
- College of Future Transportation
- Art Education Center
- School of Data Science and Artificial Intelligence

INTERNATIONAL COOPERATION AND EXCHANGE



Partner Universities:

190+ Partner Universities around the world

The Chinese-Foreign Cooperation Institute and Program:

Chang'an Dublin International College of Transportation

Joint Bachelor Program of Artificial Intelligence between Chang'an University and École Pour l'Informatique et les Techniques Avancées France

1 Overseas Educational Institution:

The Chinese language Center of the Maldives Villa College

Number of International Students:

1,800+ International Students



CHANG'AN UNIVERSITY

FACULTY

Faculty	3,700+
Professors and Associate Professors	1,300+
Full-time Academicians	3
Doctoral Supervisors	430+
Master Supervisors	1,110+



Chang'an University

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PROGRAMS

Undergraduate Programs			
No.	Schools	Disciplines	Majors
1	School of Highway	Road, Bridge and River-crossing Engineering	Road, Bridge and River-crossing Engineering
		City Underground Space Engineering	City Underground Space Engineering
2	School of Automobile	Vehicle Engineering	Vehicle Engineering
		Logistics Engineering	Logistics Engineering
		Automobile Service Engineering	Automobile Service Engineering
3	School of Construction Machinery	Mechanical Engineering	Mechanical Engineering
			Mechanical Design Manufacture and Automation
			Mechatronic Engineering
			Intelligent Manufacturing Engineering
4	School of Economics and Management	Logistics Management	Logistics Management
			Business Administration
		Business Administration	Marketing
			Accounting
		Management Science and Engineering	Engineering Management
			Information Management and Information System
		Economics	Economic Statistics
			International Economics and Trade
5	School of Electronics and Control Engineering	Automation	Automation
			Robotics Engineering
		Traffic Equipment and Control Engineering	Traffic Equipment and Control Engineering
6	School of Information Engineering	Electronic Information	Electronic Information Engineering
			Communication Engineering
		Computer	Computer Science and Technology
			Software Engineering
			Internet of Things Engineering
		Artificial Intelligence	Artificial Intelligence

7	School of Geological Engineering and Geomatics	Geomatics	Geomatics Engineering
			Remote Sensing Science and Technology
			Earth Information Science
		Geology Engineering	Geology Engineering
		Geophysics	Investigation Technology and Engineering
8	School of Earth Science and Resources	Geology	Geophysics
			Security Engineering
			Geology
			Resource Exploration Engineering
9	School of Civil Engineering	Civil Engineering	Mineral Process Engineering
			Civil Engineering
			Building Environment and Energy Application Engineering
			Water Supply and Drainage Science and Engineering
			Engineering Cost
10	School of Water and Environment	Chemical Engineering and Technics	Chemical Engineering and Technics
			Chemical Engineering and Technics
		Environmental Science and Engineering	Environmental Engineering
			Environmental Science
		Water Conservancy	Hydraulic and Hydro-power Engineering
			Hydrology and Water Resources Engineering
			Groundwater Science and Engineering
11	School of Architecture	Architecture	Architecture
			Urban-Rural Planning
			Landscape Architecture
12	School of Materials Science and Engineering	Materials	Material Science and Engineering
			Inorganic Nonmetazilic Materials Engineering
			Polymer Materials and Engineering
			Materials Shaping and Control Engineering
			New Energy Materials and Devices
13	College of Transportation Engineering	Transportation Engineering	Transportation Engineering
		Communications and Transportation	Communications and Transportation
		Big Data Management and Application	Big Data Management and Application

14	College of Land Engineering	Land Consolidation Engineering	Land Consolidation Engineering
		Land Resource Management	Land Resource Management
		Land Resource Management	Land Resource Management
15	School of Energy and Electrical Engineering	New Energy Science and Engineering	New Energy Science and Engineering
		Energy and Power Engineering	Energy and Power Engineering
		Electrical Engineering and Automation	Electrical Engineering and Automation
		Electrical Engineering and Automation	Electrical Engineering and Automation
16	School of Marxism	Ideological and Political Education	Ideological and Political Education
		Ideological and Political Education	Ideological and Political Education
		Ideological and Political Education	Ideological and Political Education
17	School of Humanities	Law	Law
			Law
		Public Management	Public Administration
			Public Service Administration
		Drama and Film Studies	Drama and Television Literature
			Radio and Television Directing
		Journalism & Communication	Journalism
			Advertising
18	School of Sciences	Engineering Mechanics	Engineering Mechanics
		Mathematics	Mathematics and Applied Mathematics
		Mathematics	Information and Computing Science
19	School of Foreign Studies	English	English
		Japanese	Japanese
20	Department of Physical Education	Social Sports Instruction and Administration	Social Sports Instruction and Administration
		Social Sports Instruction and Administration	Social Sports Instruction and Administration
21	Chang'an Dublin International College of Transportation at Chang'an University	Road, Bridge and River-crossing Engineering (Sino-foreign cooperation)	Road, Bridge and River-crossing Engineering (Sino-foreign cooperation)
		Vehicle Engineering (Sino-foreign cooperation)	Vehicle Engineering (Sino-foreign cooperation)
		Vehicle Engineering (Sino-foreign cooperation)	Vehicle Engineering (Sino-foreign cooperation)
		Communications and Transportation (Sino-foreign cooperation)	Communications and Transportation (Sino-foreign cooperation)
		Communications and Transportation (Sino-foreign cooperation)	Communications and Transportation (Sino-foreign cooperation)
22	College of Future Transportation	Engineering Experimental Class (Future Transportation)	Engineering Experimental Class (Future Transportation)
		Engineering Experimental Class (Future Transportation)	Engineering Experimental Class (Future Transportation)
		Engineering Experimental Class (Future Transportation)	Engineering Experimental Class (Future Transportation)

RESEARCH PLATFORM

National Engineering Laboratories

- ※ National Engineering Laboratory of Security Technology of Bridge Structure
- ※ National Engineering Laboratory of Road Maintenance Technology and Equipment

Key Laboratories of Ministry of Education and Engineering Research Centers

- ※ Key Laboratory of Special Region Highway Projects (Ministry of Education)
- ※ Key Laboratory of Road Construction Technology and Equipment (Ministry of Education)
- ※ Key Laboratory of Western Geological Resources and Geoengineering (Ministry of Education)
- ※ Engineering Research Center of the Equipment and Technology of Highway Construction and Conservation
- ※ Engineering Research Center of the Safety of Highway Large Structures
- ※ Engineering Research Center of Highway Auxiliary Surface Material
- ※ Key Laboratory of Arid Region Geohydrology and Its Ecological Effect (Ministry of Education)
- ※ Vehicle Networking Ministry of Education-China Mobile Joint Laboratory
- ※ Engineering Research Center of Ministry of Education for Road Infrastructure Digitization
- ※ Joint Laboratory for International Cooperation on Sustainable Development of Road Transportation Infrastructure in Special Areas
- ※ Research Station for Multi-scale and Multi-variable Science in the Arid Zone Earth Critical Zone, Ministry of Education
- ※ Research Station for Water Cycle and Geological Environment of Loess Plateau, Ministry of Education

Key Laboratories of Ministry of Communications

- ※ Key Laboratory of Highway Structure and Materials
- ※ Key Laboratory of the Security Technology of Motor Transport
- ※ Key Laboratory of the Examination and Reinforcement Technology of Old Bridges
- ※ Key Laboratory of Transportation Industry for the Control and Circulation Restoration Technology of Transportation Network Facilities in Ecological Security Barrier Area
- ※ The Ministry of Transportation and Communications Recognizes the Closed-field Test Base for Automatic Driving
- ※ Research Base for Field Scientific Observation of Tunnel Meteorology and Structural Mechanics in Cold Areas Transportation Industry

- ※ Building Information Model (BIM) Technology Application Transportation Industry R&D Center
- ※ Road Construction and Maintenance Technology, Materials and Equipment Transportation Industry R&D Center
- ※ Transportation Industry R&D Center for Intelligent Manufacturing Technology of Transportation Infrastructure
- ※ Transportation R&D Center for Automated Driving Technology
- ※ Beidou Satellite Navigation System Technology Application Transportation Industry R&D Center
- ※ R&D Center for New Energy, New Materials, New Equipment in Transportation Industry
- ※ Transportation Automation Technology R&D Center
- ※ R&D Center for Transportation Satellite Technology Applications in Transportation Industry

Key Laboratories of Ministry of Land and Natural Resources

- ※ Key Laboratory of Opening Research of Geotechnical Engineering
- ※ Key Laboratory of Opening Research of Mineralization and Dynamics
- ※ Key Laboratory of Opening Research for Water Resources and Land Environments in Arid and Semi-arid Areas
- ※ Key Laboratory of Magmatic Action Mineralization and Prospecting

Key Laboratory of Ministry of Housing and Urban-Rural Development

- ※ Key Laboratory for Water-supply and Drainage

Key laboratories of Shaanxi Province and Engineering Research Centers

- ※ Key Laboratory of Highway Bridge and Tunnel
- ※ Key Laboratory of New Transportation Energy Exploration and Application & Vehicle Energy Saving
- ※ Key Laboratory of Highway Construction Machinery
- ※ Key Laboratory of Land Remediation
- ※ Key Laboratory of Early Life and Environment
- ※ Research Center of the Intelligent Detection and Equipment Engineering Technology of Road Traffic
- ※ Research Center of Groundwater and Ecological Environment in Shaanxi Province
- ※ Groundwater and Ecological Environment Engineering Research Center
- ※ Engineering Research Center for Digitization of Traffic Infrastructure Construction and Management
- ※ Engineering Research Center of Vehicle Networking and Intelligent Vehicle Testing Technology
- ※ Land Remediation Engineering Technology Research Center

- ※ International Science and Technology Cooperation Base of Telematics and Intelligent Transportation
- ※ International Joint Research Center for Low-Impact Development of Highway Traffic in the Western Region
- ※ International Joint Research Center for Digital Construction and Management of Transportation Infrastructure along the Belt and Road
- ※ International Joint Research Center for Civil Engineering Infrastructure Disaster Prevention
- ※ Key Laboratory of Environmental Conservation in Soil & Water Pollution and Remediation
- ※ Construction Engineering Technology Research Center of Four Bodies and One Union
- ※ Commercial Vehicle Engineering Technology Research Center
- ※ University-Enterprise Joint Research Center of Electric Vehicle Charging and Discharging Technology
- ※ University-Enterprise Joint Research Center for Ecological Environmental Protection and Restoration in the Middle Section of the Yellow River Basin (Coal Mines)
- ※ University-Enterprise Joint Research Center for River and Lake Ecosystem Protection and Restoration
- ※ University-Enterprise Joint Research Center for Intelligent Construction Technology of Bridge Engineering

Key Research Bases for Humanities and Social Sciences of Shaanxi Province

- ※ New Think Tank Alliance for Transportation (governing unit)
- ※ Shaanxi Synergistic Innovation Research Center of Cultural Industry
- ※ Shaanxi Province Key Research Center of Socialist Theory System with Chinese Characteristics
- ※ Research Base of National Security and College Ideology Education
- ※ Popularization Base of Chinese Traditional Culture
- ※ The Base for Popularization of Science and Education of Traffic Power
- ※ Shaanxi Province Public Science and Technology Quality and Public Policy Research Center

