



天津城建大学
TIANJIN CHENGJIAN UNIVERSITY

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2025

A HIGH-LEVEL CHARACTERISTIC UNIVERSITY
FEATURED WITH URBAN CONSTRUCTION

LEADERSHIP



Shi Qingwei

Chairman



Wang Zhongliang

President

ABOUT TCU

Tianjin Chengjian University (TCU) was founded in 1978 as an institute of higher education under the administration of Tianjin Municipal Government. Dedicated to advancing urban science and cultivating talents for urban development, leveraging related industries and emphasizing distinctive features, the university is committed to quality-oriented development and the pursuit of excellence. TCU is guided by the motto of "Morality and Capability, Learning and Creating", with its mission centering around contributing to the advancement of new urbanization and urban modernization. The university has honed its expertise in the areas such as urban construction, fostering collaboration with related industries, cultivating individuals with moral and capable attributes, and nurturing well-rounded professionals possessing specialized proficiency and personal integrity.



HISTORY

1978 Architecture Branch of Tianjin University

(Founded as a branch of Tianjin University (1895) under the approval of Tianjin Municipal Government and carried out undergraduate education)

1987 Tianjin Institute of Urban Construction (TIUC)

(Renamed under the approval of Chinese MOE and gradually formed to a multi-disciplinary university featured with urban construction)

2013 Tianjin Chengjian University (TCU)

(Upgraded under the approval of Chinese MOE and set on the path towards a high-level characteristic university featured with urban construction)



QUICK FACTS

18000

Full-time students

16000

Undergraduate
students

2000

Graduate students

200

International
students

18

Academic units

1400

Faculty and Staff

1100

Academic Faculty
Members

400

Professors
Associate Professors

2

National engineering talents

3

Winners of the New Century Talents Funding Program of Chinese Ministry of Education

24

Leading talents including those who have been granted Tianjin Distinguished Professor, Distinguished Young Scholar, etc.

SCHOOLS AND DEGREE PROGRAMS

School	Degree Program	Academic Degree
School of Architecture	Architecture	Bachelor of Architecture Master of Engineering ¹ Master of Architecture ²
	Urban and Rural Planning	Bachelor of Engineering Master of Engineering ¹ Master of Urban and Rural Planning ²
	Landscape Architecture	Bachelor of Engineering Master of Landscape Architecture ²
	Civil Engineering	Bachelor of Engineering Master of Engineering ¹
	Traffic Engineering	Bachelor of Engineering
	Harbor, Waterway and Coastal Engineering	Bachelor of Engineering
School of Civil Engineering	Road, Bridge and Crossing Engineering	Bachelor of Engineering
	City Underground Space Engineering	Bachelor of Engineering
	Civil and Hydraulic Engineering	Master of Civil and Hydraulic Engineering ²
	Building Environment and Energy Application Engineering	Bachelor of Engineering
	Energy and Power Engineering	Bachelor of Engineering
	Safety Engineering	Bachelor of Engineering
School of Energy and Safety Engineering	Power Engineering and Engineering Thermal Physics	Master of Engineering ¹
	Heating, Gas Supply, Ventilation and Air Conditioning Engineering	Master of Engineering ¹
	Resources and Environment	Master of Resources and Environment ²
	Energy and Power Engineering	Master of Energy and Power Engineering ²
	Civil and Hydraulic Engineering	Master of Civil and Hydraulic Engineering ²
	Materials Science and Engineering	Bachelor of Engineering Master of Engineering ¹
School of Materials Science and Engineering	Polymer Materials and Engineering	Bachelor of Engineering
	Inorganic Non-metallic Materials Engineering	Bachelor of Engineering
	Civil and Hydraulic Engineering	Master of Civil and Hydraulic Engineering ²



School	Degree Program	Academic Degree
School of Economics and Management	Construction Management	Bachelor of Management Master of Construction Management ²
	Business Administration	Bachelor of Management
	Land Resources Management	Bachelor of Management
	Information Management and Information System	Bachelor of Management
	Real Estate Development and Management	Bachelor of Management
	Electronic Business	Bachelor of Management
	Engineering Cost	Bachelor of Management
	Investment	Bachelor of Management
	Urban Management	Bachelor of Management
	Big Data Management and Application	Bachelor of Management
	Management Science and Engineering	Master of Management ¹
	Green Construction and Operations Management	Master of Management ¹
	Applied Economics	Master of Economics ¹
	Public Administration	Master of Public Administration ²
	Civil and Hydraulic Engineering	Master of Civil and Hydraulic Engineering ²
School of Environmental and Municipal Engineering	Water Supply and Drainage Science and Engineering	Bachelor of Engineering
	Environmental Engineering	Bachelor of Engineering
	Municipal Engineering	Master of Engineering ¹
	Environmental Science and Engineering	Master of Engineering ¹
	Resources and Environment	Master of Resources and Environment ²
	Civil and Hydraulic Engineering	Master of Civil and Hydraulic Engineering ²

SCHOOLS AND DEGREE PROGRAMS

School	Degree Program	Academic Degree
School of Computer and Information Engineering	Computer Science and Technology	Bachelor of Engineering Master of Engineering ¹
	Network Engineering	Bachelor of Engineering
	Software Engineering	Bachelor of Engineering
	Electronic Information Engineering	Bachelor of Engineering
	Electronic Information Science and Technology	Bachelor of Science
	Internet of Things Engineering	Bachelor of Engineering
	Electronic Information	Master of Electronic Information ²
School of Control and Mechanical Engineering	Building Electricity and Intelligence	Bachelor of Engineering
	Electrical Engineering and Automation	Bachelor of Engineering
	Mechanical Design, Manufacturing and Automation	Bachelor of Engineering
	Industrial Design	Bachelor of Engineering
	Automation	Bachelor of Engineering
	Mechatronics Engineering	Bachelor of Engineering
	Control Science and Engineering	Master of Engineering ¹
School of Geology and Geomatics	Mechanical Engineering	Master of Mechanical Engineering ²
	Geological Engineering	Bachelor of Engineering
	Geographic Information Science	Bachelor of Science
	Human Geography and Urban and Rural Planning	Bachelor of Engineering
	Surveying and Mapping Engineering	Bachelor of Engineering
	Remote Sensing Science and Technology	Bachelor of Engineering
	Surveying and Mapping	Master of Engineering ¹
School of Urban Arts	Resources and Environment	Master of Resources and Environment ¹
	Visual Communication Design	Bachelor of Fine Arts
	Environmental Design	Bachelor of Fine Arts
	Product Design	Bachelor of Fine Arts
	Art and Technology Design	Bachelor of Fine Arts
		Master of Fine Arts ¹



School	Degree Program	Academic Degree
School of Foreign Languages	English	Bachelor of Arts in Literature
	Translation	Bachelor of Arts in Literature
	Teaching Chinese to Speakers of Other Languages	Master of Teaching Chinese to Speakers of Other Languages ²
School of Science	Applied Chemistry	Bachelor of Science
	Applied Physics	Bachelor of Science
	Mathematics and Applied Mathematics	Bachelor of Science
	Chemistry	Master of Science ¹
School of International Education	Construction Management (Chinese-Foreign Cooperative Program)	Bachelor of Management
	Civil Engineering (English-instructed)	Bachelor of Engineering
	Visual Communication Design (English-instructed)	Bachelor of Fine Arts
	Civil and Hydraulic Engineering (English-instructed)	Master of Civil and Hydraulic Engineering ²
International School of Engineering (Chinese-Foreign Cooperative Institution)	Architecture	Bachelor of Engineering Master of Landscape Architecture ²
	Landscape Architecture	Bachelor of Engineering Master of Engineering ²
	Civil Engineering	Bachelor of Engineering
	Environmental Engineering	Bachelor of Engineering
	Civil and Hydraulic Engineering	Master of Civil and Hydraulic Engineering ²
	Resources and Environment	Master of Resources and Environment ²
School of Modern Urban Construction Industry	Intelligent Construction	Bachelor of Engineering
	Artificial Intelligence	Bachelor of Engineering
	Intelligent Manufacturing Engineering	Bachelor of Engineering

*1 : Academic Master
2 : Professional Master

DISCIPLINARY FEATURES

International- level key disciplines

TOP 1% of the ESI global disciplines ranking

Engineering Science, Environment/Ecology, Chemistry

Accredited under the Canberra Accord on Architectural Education

Architecture

State-level key disciplines

National top-tier programs (10)

Civil Engineering, Road, Bridge and Crossing Engineering, Engineering Management, Architecture, Water Supply and Drainage Science and Engineering, Built Environment and Energy Application Engineering, Real Estate Development and Management, Mechanical Design, Manufacturing and Automation, Urban Underground Space Engineering, Urban and Rural Planning

National featured program (1)

Civil Engineering

National top-tier courses (5)

Mechanical Innovation Design, Seismic Virtual Simulation Experiment of Underground Structure, Seismic Principle of Engineering Structure, Road and Bridge Construction Technology, Water Quality Engineering

National certified programs (8)

Architecture, Urban and Rural Planning, Civil Engineering, Built Environment and Energy Application Engineering, Engineering Management, Water Supply and Drainage Science and Engineering, Mechanical Design and Manufacturing and Automation, Environmental Engineering

Tianjin municipality- level key disciplines

Tianjin top-tier disciplines (2)

Civil Engineering, Environmental Science and Engineering

Tianjin top-tier programs (14)

Environmental Engineering, Computer Science and Technology, Materials Science and Engineering, Land Resource Management, Landscape Architecture, Energy and Power Engineering, Investment Science, Electrical Engineering and Automation, Electronic Information Engineering, Building Electrical and Intelligent, Harbor, Waterway and Coastal Engineering, Traffic Engineering, Urban Management, Environmental Design

Tianjin key disciplines (6)

Materials Science and Engineering, Architecture, Civil Engineering, Environmental Science and Engineering, Urban and Rural Planning, Management Science and Engineering

Tianjin featured discipline clusters (4)

Urban Planning, Urban Construction, Eco-City, Urban Management

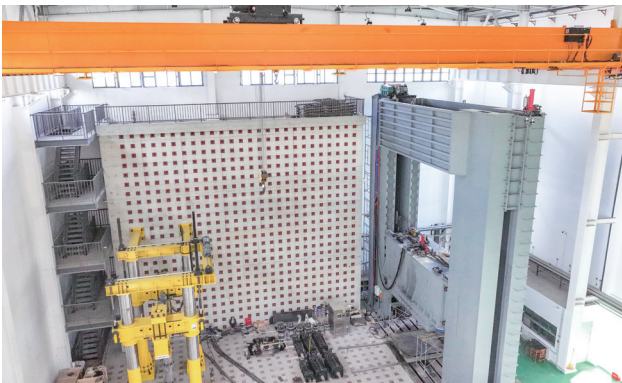
SCIENTIFIC INNOVATION



- 110 national scientific research projects and 320 provincial and ministerial scientific research projects in recent years
- over 80 scientific and technological awards at or above the provincial and ministerial level in recent years
- 110 million RMB of research funds per year

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| 3 | International Joint Research Centers |
| 1 | National Engineering Research Center |
| 4 | Tianjin Key Laboratories |
| 8 | Ministry of Education and Tianjin Engineering Centers |
| 1 | Tianjin Technology Innovation Center |
| 1 | Tianjin Achievement Transformation Center |

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| 8 | Tianjin Technology Transfer Base |
| 2 | Collaborative Innovation Centers |
| 1 | Industrial Technology Innovation Strategic Alliance |
| 8 | Tianjin Science Bases |
| 1 | “Belt and Road” Collaborative Laboratory |
| 4 | Interdisciplinary Innovation Research Institutes |



Tianjin Key Laboratory of Civil Building Structure Protection and Reinforcement



National Engineering Research Center for Utilization of Construction Solid Waste Resources

GLOBAL NETWORK

TCU is dedicated to expanding its international exchanges and fostering cooperation. It has taken significant steps to enhance its role in the Belt and Road education platform, constantly improving international dimension of its education. TCU has established a robust platform for high-level, specialized development, while striving for excellence in its educational endeavors. TCU proudly serves as a founding member of both the “China-CEEC Higher Education Consortium” and the “Belt and Road Architectural University International Consortium”. TCU actively shares compelling narratives about China, helps shape a positive image of China, promotes global communication through the Chinese language, and contributes to the ongoing Belt and Road construction and the building of a community with a shared future for mankind.



TCU has signed cooperation framework agreements with over 50 universities and institutions in more than 20 countries, carried out more than 40 international cooperation projects with over 20 foreign universities, including Chinese-foreign cooperative programs, Chinese-foreign cooperative institution, overseas education projects, joint training programs, short-term exchange programs, etc.



TCU has supported more than 600 teachers and students to go abroad for exchange and study visits; more than 120 of them have obtained double degrees, and nearly 20 teachers and students have received Erasmus scholarship.



TCU has obtained the approvals of more than 100 national, provincial and ministerial foreign exchange projects, invited more than 1,000 experts and scholars from well-known foreign universities to carry out academic exchange activities, and hosted nearly 20 international conferences. Many teachers and students have won awards in international competitions.

CHINESE-FOREIGN COOPERATIVE EDUCATION

China-Denmark Cooperative Educational Program



- In 2014, TCU received approval from the Chinese Ministry of Education for the Chinese-foreign cooperative education program in Construction Management with VIA University of Denmark.
- This program successfully underwent the evaluations by the Ministry in 2017 and 2022, highlighting its quality and effectiveness.
- The program adopts VIA University's PBL (Problem Based Learning) teaching methodology, integrating problem-oriented and project-based management principles.
- Since its inception, the program has enrolled nine intakes, totaling nearly 700 students. It has earned widespread recognition and acclaim from both students and society for its quality and impact.

China-Poland Cooperative Educational Institution



- In 2017, TCU and Bialystok University of Technology and Cracow University of Technology held a momentous event -- the signing ceremony for the International School of Engineering at TCU (ISE). This landmark agreement was formalized at the Polish Ministry of Science and Higher Education.
- In 2019, ISE, jointly organized by the three prestigious universities, received official approval from Chinese Ministry of Education as the first Chinese-foreign cooperative institution between China and Poland. In September 2020, ISE celebrated its official inauguration. In June 2024, the first intake of nearly 200 ISE students graduated successfully, receiving double degrees from China and Poland.
- ISE offers an array of bachelor's and master's degree programs in Civil Engineering, Environmental Engineering, Architecture and Landscape Architecture. At present, ISE boasts a thriving community of nearly 1,100 students, illustrating the remarkable success of this initiative.

China-Pakistan Overseas Education Project



- In 2018, in a collaborative effort spearheaded by Tianjin Municipal Education Commission, TCU jointly established "Punjab Tianjin Technical University" with Tianjin University of Technology and Education, Tiangong University and Technical Education and Vocational Training Authority, Punjab, Pakistan.
- The university initially set up four schools: the School of Mechanical and Electrical Engineering, the School of Textile and Clothing, the School of Architecture and Civil Engineering and the advanced Chinese program.
- TCU played a pivotal role in supporting the Pakistan partner by introducing two major programs, Architecture and Civil Engineering, to cater to the training of technical talents at the undergraduate level, and provide relevant training.

China-Tajikistan Luban Workshop



- In 2023, TCU Participated in the construction of the Luban Workshop in Tajikistan with Tajik Technical University and Tianjin Urban Construction Management & Vocation Technology College.
- The Tajikistan Luban Workshop is the first Luban Workshop in Central Asia. It offers two majors, including urban heating application and engineering measurement technologies.
- Relying on TCU's high-quality educational resources at the undergraduate and postgraduate levels, it aims to establish a comprehensive vocational education system covering vocational, undergraduate and postgraduate education, innovating a joint training model across technical training and academic education at Tajikistan Luban Workshop.

EDUCATION OF INTERNATIONAL STUDENTS

TCU established the School of International Education in 2016. Since then, the school has seen remarkable growth, welcoming more than 1,000 long-term and short-term students coming from 37 countries, including more than 200 students who have successfully earned their degrees. In 2021, the School of International Education passed the quality certification of study in China for higher education institutions.

The School of International Education offers a range of English-instructed programs, including Civil Engineering, and Visual Communication Design. Additionally, it strives to innovate with unique Chinese language courses such as “Chinese + Architectural Engineering” and “Chinese + Engineering Management”.



TCU is actively involved in the “Chinese Bridge” project initiated by the Chinese Ministry of Education, effectively integrating Chinese language learning with professional skills training.



The School of International Education has also established the Chinese excellent traditional culture experience center—the Chinese String Instrument Base, integrating China's traditional culture into the curriculum, providing international students with a captivating environment to explore the beauty of China's time-honored traditions.



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