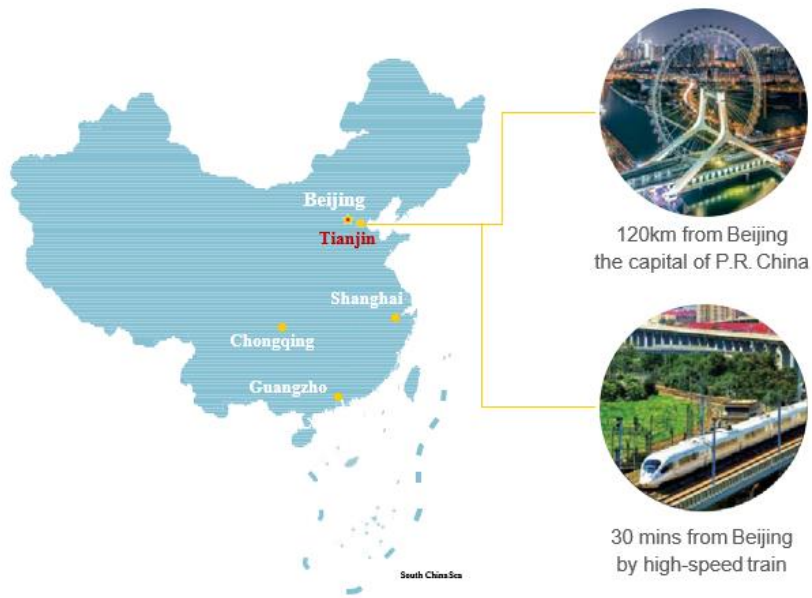




TIANJIN CHENGJIAN UNIVERSITY

—— *A high-level characteristic university featured with urban construction*

TIANJIN LOCATION



120km from Beijing
the capital of P.R. China

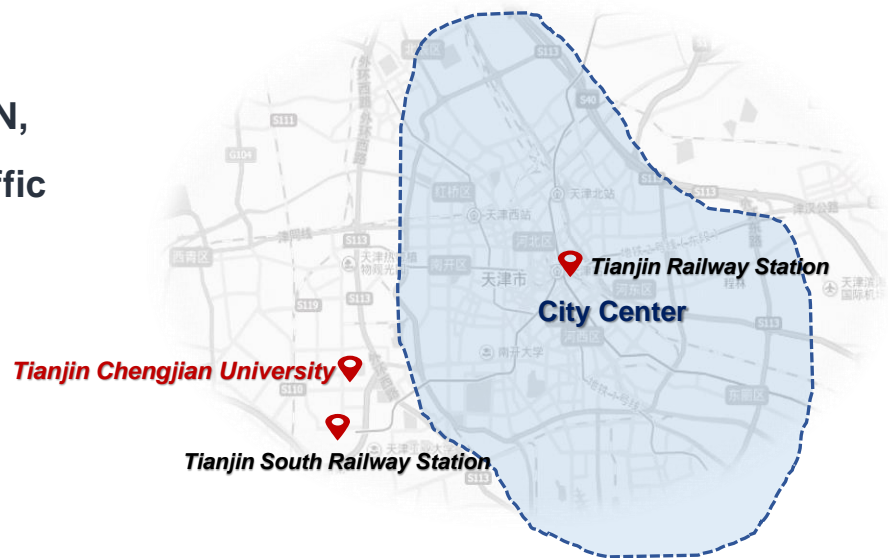


30 mins from Beijing
by high-speed train

- ◆ One of China's four **MUNICIPALITIES** directly under the administration of central government
- ◆ Covers an area of **11,900 sq.km.**, with a population of over **15.61 million**
- ◆ **National advanced manufacturing and R&D base**
- ◆ **Core area of international shipping in north China**
- ◆ **Demonstration area for financial innovation and operations**
- ◆ **Pioneering area for reform and opening up**

UNIVERSITY LOCATION

- ◆ Situated in the southwest of TIANJIN
- ◆ Nearby TIANJIN SOUTH RAILWAY STATION, SUBWAY STATION, and convenient for traffic



QUICK FACTS



18, 000

Full-time students



16,000

Undergraduate students



1,600

Graduate students



200

International students



18

Academic schools



1400

Faculty and Staff



132

Professors



300

Associate Professors



ACADEMIC SCHOOLS AND UNITS

15 SCHOOLS

School of ARCHITECTURE

School of CIVIL ENGINEERING

School of ENERGY AND SAFETY ENGINEERING

School of MATERIALS SCIENCE AND ENGINEERING

School of ECONOMICS AND MANAGEMENT

School of ENVIRONMENTAL AND MUNICIPAL ENGINEERING

School of COMPUTER AND INFORMATION ENGINEERING

School of CONTROL AND MECHANICAL ENGINEERING

School of GEOLOGY AND GEOMATICS

School of URBAN ARTS

School of FOREIGN LANGUAGES

School of SCIENCE

School of MARXISM

School of INTERNATIONAL EDUCATION

INTERNATIONAL SCHOOL OF ENGINEERING

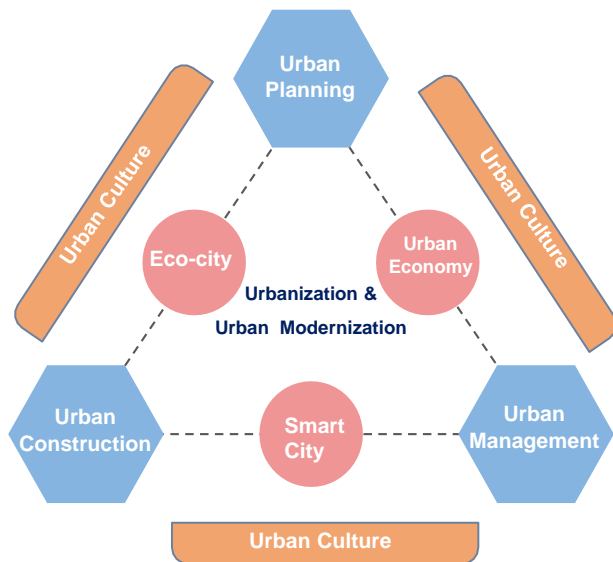
3 TEACHING UNITS

Physical Education Unit

Engineering Training Center

School of CONTINUING EDUCATION

DISCIPLINES



- 7 disciplinary clusters

Urban Planning

Urban Construction

Urban Management

Eco-city

Smart City

Urban Economy

Urban Culture

PROGRAMS



58 undergraduate programs

School of Architecture

- 1. Architecture (5 years)
- 2. Urban and Rural Planning (5 years)
- 3. Landscape Architecture (4 years)

School of Civil Engineering

- 4. Civil Engineering (4 years)
- 5. Traffic Engineering (4 years)
- 6. Harbor, Waterway and Coastal Engineering (4 years)
- 7. Road, Bridge and Crossing Engineering (4 years)
- 8. City underground Space Engineering (4 years)
- 9. Intelligent Manufacturing (4 years)

School of Energy and Safety Engineering

- 10. Building Environment and Energy Application Engineering (4 years)
- 11. Energy and Power Engineering (4 years)
- 12. Safety Engineering (4 years)

School of Materials Science and Engineering

- 13. Materials Science and Engineering (4 years)
- 14. Polymer Materials and Engineering (4 years)
- 15. Inorganic Non-metallic Materials Engineering (4 years)
- 16. Materials Chemistry (4 years)

School of Geology and Geomatics

- 17. Geological Engineering (4 years)
- 18. Geographic Information Science (4 years)
- 19. Human Geography and Urban and Rural Planning (4 years)
- 20. Surveying and Mapping Engineering (4 years)



School of Economics and Management

- 21.Engineering Management (4 years)
- 22.Business Administration (4 years)
- 23.Land Resources Management (4 years)
- 24.Information Management and Information System (4 years)
- 25.Marketing (4 years)
- 26. Real Estate Development and Management (4 years)
- 27. Electronic Business (4 years)
- 28.Engineering Cost (4 years)
- 29.Investment (4 years)
- 30. Urban Management (4 years)
- 31. Big Data Management and Application (4 years)

School of Environmental and Municipal Engineering

- 32.Water Supply and Drainage Science and Engineering (4 years)
- 33.Environmental Engineering(4 years)
- 34.Environmental Science(4 years)
- 35.Ecological Engineering of Environment (4 years)

School of Computer and Information Engineering

- 36.Computer Science and Technology (4 years)
- 37.Network Engineering (4 years)
- 38.Software Engineering (4 years)
- 39.Electronic Information Engineering (4 years)
- 40.Electronic Information Science and Technology (4 years)
- 41.Internet of Things Engineering (4 years)
- 42.Artificial Intelligence (4 years)



58 undergraduate programs

School of Foreign Languages

- 43.English(4 years)
- 44.Translation(4 years)

School of Science

- 45.Applied Chemistry(4 years)
- 46.Applied Physics(4 years)
- 47.Mathematics and Applied Mathematics(4 years)

School of Urban Arts

- 48.Visual Communication Design (4 years)
- 49.Environmental Design (4 years)
- 50.Product Design (4 years)
- 51.Art and Technology (4 years)

School of Control and Mechanical Engineering

- 52.Building Electricity and Intelligence (4 years)
- 53.Electrical Engineering and Automation (4years)
- 54.Mechanical Design & Manufacturing and Automation (4 years)
- 55.Industrial Design (4 years)
- 56.Automation (4 years)
- 57.Mechatronics Engineering (4 years)
- 58.Intelligent Manufacturing Engineering (4 years)

PROGRAMS

14 master programs

Materials Science and Engineering
Power Engineering and Engineering Thermal Physics
Control Science and Engineering
Computer Science and Technology
Architecture
Civil Engineering
Surveying and Mapping
Environmental Science and Engineering
Urban Planning
Landscape Architecture
Geology
Chemistry
Management Science and Engineering
Applied Economics

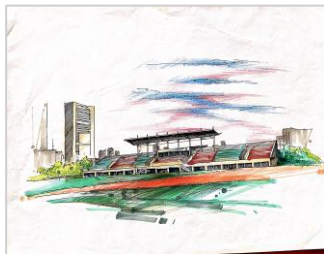


11 professional master programs

<u>Architecture</u>	<u>Teaching Chinese to Speakers</u>
<u>Civil and Hydraulics Engineering</u>	<u>of Other Languages</u>
<u>Engineering Management</u>	<u>Electronic Information</u>
<u>Resources and Environment</u>	<u>Mechanical Engineering</u>
<u>Landscape Architecture</u>	<u>Energy and Power Engineering</u>
<u>Urban Planning</u>	<u>Public Administration</u>

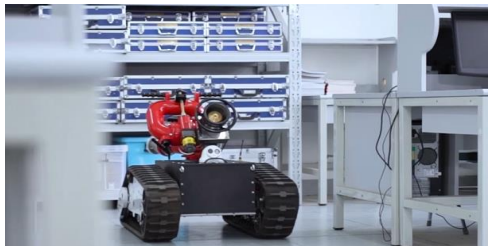
TCU implements the innovation-driven strategy to lead the development trend of new urbanization and urban modernization.

SCIENTIFIC RESEARCH



- ◆ *Over 110 national scientific research projects and over 380 provincial and ministerial scientific research projects in recent years*
- ◆ *More than 60 scientific and technological awards at or above the provincial and ministerial level in recent years*
- ◆ *Over 110 million RMB of research funds per year*

SCIENTIFIC RESEARCH



National Engineering Research Center

National & Local Joint Engineering Research Center of Construction Waste Utilization

Municipal Key Laboratories

Tianjin Key Laboratory of Soft Soil Engineering Characteristics and Engineering Environment

Tianjin Key Laboratory of Aquatic Science and Technology

Tianjin Key Laboratory of Civil Buildings Protection and Reinforcement

Tianjin Key Laboratory of Building Green Functional Materials

Municipal Think Tank, Technology Transformation Base, Strategic Alliance, Science Education Base

Tianjin Chengjian University Technology Transformation Base

Research Center for Urban Green Development

Strategic Alliance for Tianjin Green Architectural Industry and Technology Innovation

Tianjin Chengjian University Physical Science and Innovation Practice Education Base

Ministerial and Municipal Engineering Research Center

Engineering Research Center of the Ministry of Education of Landfill and Soft Soil Engineering

Tianjin Engineering Research Center of Construction & Coal Waste Utilization Technology

Tianjin Engineering Research Centre of Coastal Soft Soil

Tianjin Engineering Research Center of Green Residential Area Construction Technology

Tianjin Engineering Research Center of Intelligent Building System Integration & Detection Technology

Tianjin Engineering Center of Natural High Efficiency Utilization Technology

Tianjin Engineering Technology Center of Chemical Wastewater Source Reduction and Recycling

Municipal Key Research Base of Humanities and Social Sciences

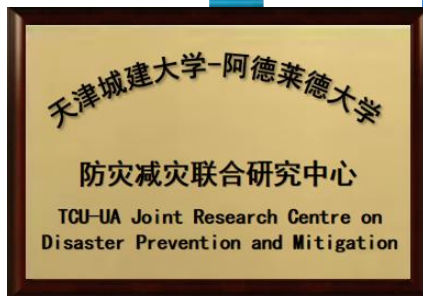
Research Center for Urbanization and New Rural Construction of Tianjin

Municipal Collaborative Innovation Center

Collaborative Innovation Center of Tianjin for Green Building

Collaborative Innovation Center for Ideological and Moral Cultivation and Legal

Foundation of Tianjin Universities



TCU-UA Joint Research Center
on Disaster Prevention and
Mitigation



Joint Research Center for
Protective Infrastructure
Technology and Environmental
Green Bioprocess

天津市科学技术局文件

津科合〔2020〕140号

市科技局关于认定2020年天津市“一带一路” 联合实验室（研究中心）的通知

各有关单位：

按照《天津市“一带一路”科技创新合作行动计划》，市科技局按照公开、公平、公正的原则，经专家评审、局长办公会审核、公示等程序，现认定“天津德汇德国大健康研究中心”等28家“2020年天津市‘一带一路’联合实验室（研究中心）”。请各单位按照平台建设目标，高标准建设“一带一路”联合实验室（研究中心）。



Sino-Australian Joint Research
Center for High Performance Civil
Engineering Materials and Intelligent
Construction Technology

GLOBAL PARTNERS



***Established partnership with 48 universities and institutions of
22 countries in Europe, America, Asia and Oceania***

GLOBAL PARTNERS



USA

University of Nevada
Carroll University
Iowa State University
University of Nebraska-Lincoln
Florida State University
Slippery Rock University of Pennsylvania
Trine University
Murray State University



Australia

Royal Melbourne Institute of Technology
University of South Australia
Curtin University
The University of Adelaide
Swinburne University of Technology
University of Technology Sydney
University of Western Sydney



Germany

Rhine-Waal University of Applied Sciences
Brandenburg University of Technology



Denmark

VIA University College



Sweden

Umeå University



Singapore

Building & Construction Authority
Nanyang Technological University



U.K.

Sheffield Hallam University
Glasgow Caledonian University
University of Salford
De Montfort University
University of Stirling



Italy

University of Naples Parthenope
University of Salerno
University of Palermo



Finland

Turku University of Applied Sciences



Bosnia and Herzegovina

University of Banja Luka



Montenegro

University of Donja Gorica



South Korea

Anyang University



Pakistan

Pak-Austria Fachhochschule
Institute of Applied Sciences and
Technology



Indonesia

Institut Teknologi Bandung
Institut Teknologi Sepuluh Nopember



Japan

Meijo University



Ireland

University College Dublin



Malaysia

University of Malaya
Universiti Tunku Abdul Rahman



Sri Lanka

University of Colombo



Canada

Concordia University



Poland

Bialystok University of Technology
Silesian University of Technology
Cracow University of Technology
Poznan University of Technology



Romania

Technical University of Civil Engineering of Bucharest



Norway

UiT The Arctic University of Norway

THREE MILESTONES OF INTERNATIONAL EXCHANGE AND COOPERATION

CHINESE-FOREIGN COOPERATIVELY-
RUN INSTITUTION WITH POLAND (ISE)



CHINESE-FOREIGN COOPERATIVELY-
RUN PROGRAM WITH DENMARK (VIA)



ABROAD JOINT PROGRAMS WITH PAKISTAN (PTUT)

CHINESE-FOREIGN COOPERATIVELY-RUN INSTITUTION WITH POLAND (ISE)

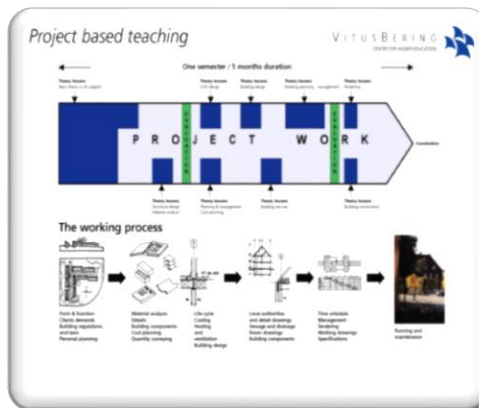


- TCU has established the International School of Engineering jointly with Bialystok University of Technology and Cracow University of Technology of Poland
- The 1st Chinese-foreign cooperatively-run institution between China and Poland
- Programs: Architecture, Landscape Architecture, Civil Engineering and Environmental Engineering at Bachelor's and Master's level
- Currently, there are nearly 800 undergraduate and postgraduate students

CHINESE-FOREIGN COOPERATIVELY-RUN PROGRAM WITH DENMARK (VIA)



Engineering Management cooperatively-run program with VIA approved by Chinese MoE in 2014, and has conducted enrollments for 8 years consecutively



The program was and passed the evaluation organized by MoE in 2017



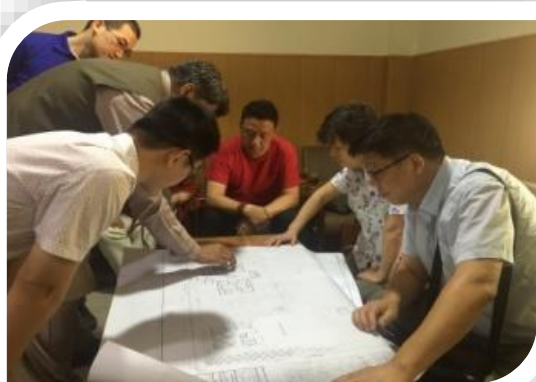
Totaling over 600 students, many of them have obtained double degrees

ABROAD JOINT PROGRAMS WITH PAKISTAN (PTUT)

Participated in the establishment of the overseas educational program—

Punjab Tianjin University of Technology

- ◆ Opening Ceremony in March, 2018
- ◆ Jointly develop two programs: Architecture and Civil Engineering



JOINT DEGREE PROGRAMS

Partner University	Program
VIA University	Architecture
Carroll University	English
VIA University	Marketing
Royal Melbourne Institute of Technology	Electrical Engineering
Florida State University	Municipal and Environmental Engineering
Carroll University	Computer Science and Software Engineering
Bialystok University of Technology	Civil Engineering (Bachelor)
Bialystok University of Technology	Civil Engineering (Master)
Swinburne University of Technology	Architecture, etc. (Doctor)
Salford University	Engineering Management etc.
Swinburne University of Technology	Mechanical Design, Manufacturing and Automation, Mechanical Engineering, Industrial Design, Product Design
Iowa State University	Civil Engineering etc.
Florida State University	Civil Engineering
University of Palermo	Environmental Engineering
University of Palermo	Resources and Environmental Engineering



**ROYAL MELBOURNE
INSTITUTE OF TECHNOLOGY**

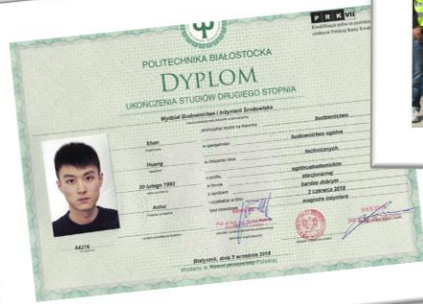
This is to certify that
Suhang Yin
 was admitted to the degree of
**Bachelor of Engineering
 (Electrical Engineering) (Honours)**
Honours 1st Class
 on the thirty-first day of July in the year 2020
 having met all requirements for completion of this award



RMIT



RMIT

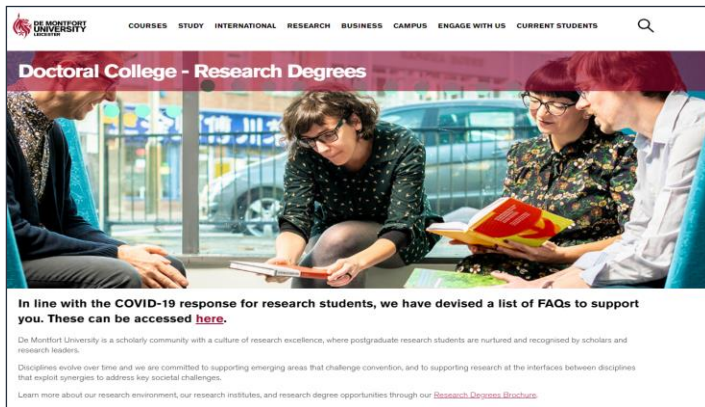


FACULTY EXCHANGE

Providing various overseas platforms for faculties

Training programs

- *Carroll University of U.S.*
- *VIA University of Denmark*
- *Swinburne University of Technology of Australia*
- *De Montfort University of U.K.*



Nearly 400 faculties have participated in exchange, joint research, international conferences, etc.

STUDENT EXCHANGE



- Over **1300** students participated in joint programs
- Over **200** students studied overseas
- Over **120** students received double degrees

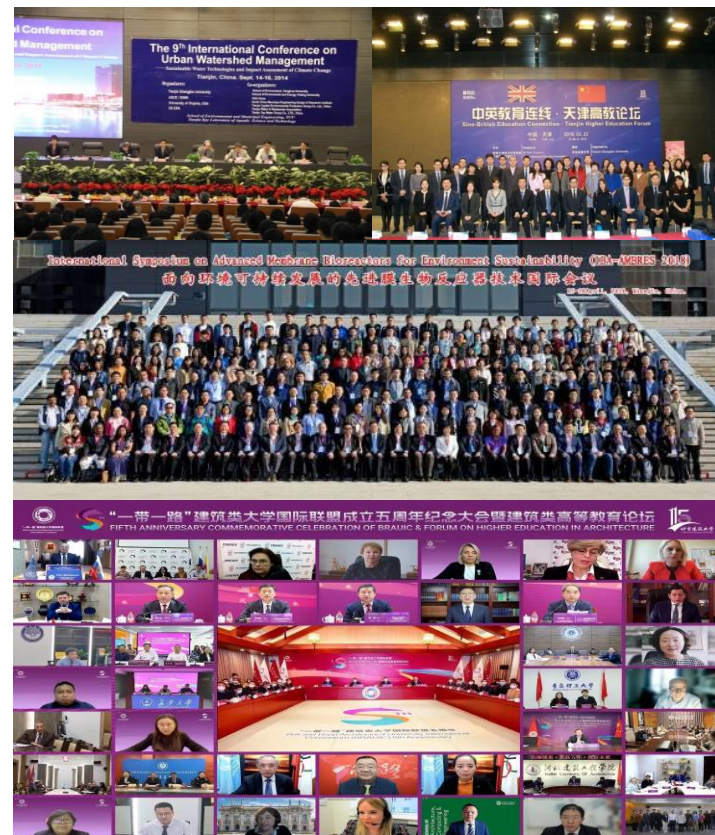
Encouraging students to participate in overseas exchange and studies with partner universities

- **Long-term programs**
 - **Blalystok University of Technology** (Supported by Erasmus+)
 - **Meijo University**
 - **Poznan University of Technology**
 - **Cracow University of Technology**
 - **University of Malaya**
- **Short-term programs**
 - **Tunku Abdul Rahman University** · **University of Kitakyushu**
 - **Iowa State University** · **Meijo University**
 - **Students Visiting Group supported by Sino-Japanese Friendship Association**

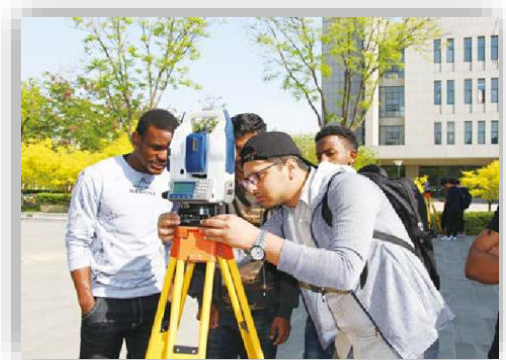


INTERNATIONAL CONFERENCES

- 6th International Conference on Protection of Structures against Hazards
- 14th World Transport Convention---International Conference on Traffic Signal Control
- 4th International Conference on Protective Structures
- 2020 Conference & President's Forum of the Belt and Road Architectural University International Consortium



INTERNATIONAL EDUCATION

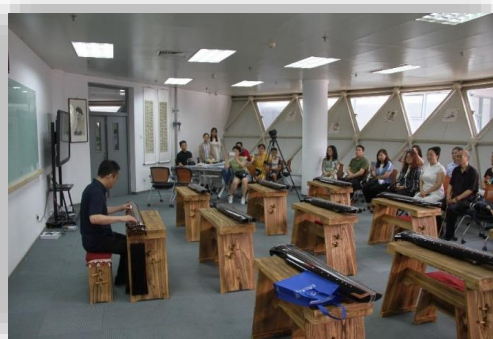


Two English Degree Programs

- Civil Engineering (Bachelor's and Master's)
- Engineering Management (Bachelor's)
- Visual Communication Design (Bachelor's)

Short and Long-term Chinese Language Programs

- Chinese Culture
- Spoken Chinese
- Chinese writing



Base of Chinese traditional string instrument

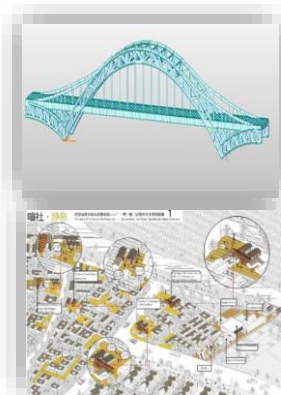
- Exploring Chinese Traditional Culture



School of International Education
has passed Quality Certification
for Studying in China by MoE



INTERNATIONAL COMPETITION AWARDS





CAMPUS CULTURE



EXCELLENT ALUMNI



Further studies



Employment



中建铁投



中国铁建



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<http://www.tcu.edu.cn/>