Tongji 1907
German Medical School

Tongji 1927
National Tongji University

Tongji 1941
Displaced to Lühuangshan, Sichuan Province; eventful days in the Anti-Japanese War

Tongji 1952
Nationwide Restructuring of higher education in China

Tongji 1978
Resuming traditional links with Germany and developing into a multi-disciplinary institution

Tongji 2007
Centennial Celebration
TONGJI CAMPUSES
Tongji Campuses

- North Campus
- Jiading Campus
- West Campus
- Siping Campus
KEY FIGURES
47,500 Students
19,600 BA/BSc, 12,200 MA/MSc, 3,590 PhD, 2,980 International Students

3,300 Teaching & Research Faculty and Staff
830 full professors, 1,470 associate professors
six academicians from the Chinese Academy of Sciences seven academicians from the Chinese Academy of Engineering

250,000 Alumni

9 Disciplines
science, engineering, medicine, economics, management, liberal arts, law, philosophy, education

1.36 Billion RMB Research Budget
40% public and 60% industrial projects

409 Degree Programs
81 Bachelor’s programs, 218 Master degree programs, 94 PhD programs, 16 postdoctoral stations

More than 30 Organizations
more than 20 Colleges, 6 Uni. Hospitals
THREE CHARACTERISTICS OF TONGJI UNIVERSITY
TONGJI UNIVERSITY

THREE CHARACTERISTICS
OF TONGJI UNIVERSITY

International Exchange & Cooperation
Social Service

Discipline Chain on Urban Construction & Disaster Prevention
Discipline Chain on Modern Manufacturing

Links with Counterparts in Europe
- Sino-German Platform
- Sino-French Platform
- Sino-Italy Platform
- Sino-Finnish Platform

Links with UN Agencies

Technical Support for National Projects
Tongji Knowledge Economy Ring
State Key Laboratories
National Research Centers
Key Laboratory/ Research Center of Shanghai Municipality
THREE CHARACTERISTICS OF TONGJI UNIVERSITY

State Medium-Long Strategic Plan
Urban Development & Urbanization
Urban Anti-Disaster
Prediction, Forecast, Prevention
Public Security

Scientific & Technological Innovation
Plan of Shanghai Municipal Government
General Plan of SHANGHAI
World Expo 2010
Cross-sea Bridge Project
Chongming Ecological Island
State Medium-Long Strategic Plan

Traffic Technology:
300KM/H Express Railway,
Clean Vehicle,
Maglev Traffic system

Advanced Manufacturing:
Digitalized and Intellectualized Design & Manufacture

Scientific & Technological Innovation
Plan of Shanghai Municipal Government

Ground Vehicle, Wind Tunnel,
Clean Vehicle, New Rail Way Traffic Vehicle,
Maglev Train,
Domestic Production of Maglev Traffic System
Discipline Chain

Urban Construction & Disaster Prevention

Modern Manufacturing
Discipline chain Planning

Newly rising

sustainable development

Modern Manufacturing

Urban Construction & Disaster Prevention

IT
medical & life science
Physical & new material
Creative design

environment, ocean, chemistry, management & economy, humanities & social science

traffic, vehicle, Mechanical

Civil Engineering, Architecture, & Urban Planning, Survey, mechanics, geology
International Exchange & Cooperation

More than 100 partners from all over the world in Germany, France, Italy, Finland, Spain, Denmark, Australia, Ireland, UK, US, Japan, Korea, etc.
Links with Counterparts in Europe

Sino-German Platform

CDHK – Sino-German College for Graduate Study (Master degree)
CDHAW – Sino-German College of Applied Sciences (Bachelor Eng.)
CDIBB – Institute for Vocational Teachers’ Training
CDFK – Sino-German Friendship Hospital
CDHAW – Sino-German College of Applied Sciences (Bachelor Eng.)
Sino-France Platform

Sino-French institute of Engineering & Management (IFCIM1999)
partner: ParisTech – a consortium of 12 elite French ecoles in engineering
10 master’s double degree programs (Engineering & Sciences)

Shanghai International Master of Business Administration (SIMBA)

Research Programs
Research Programs in Marine Geology, Environment, Architecture & Urban planning & Cooperation with French Companies

Sino-French Centre
Floor Space 3,150 m2, Architectural Space 13,550 m2
Sino-Italy Platform

Sino-Italian Campus (2006)
partners: Politecnico di Milano, Politecnico di Torino, Bologna Univeristy
Double BA programmes (B.Sc.) in mechanical production engineering, IT, Automation engineering;
Double MA degree programme in Industrial design, civil engineering, architecture, economy & management, environment management, etc.
partners: Politecnico di Milano, Politecnico di Torino, Uni. of Trento, Uni. of Rome Tor Vergata, IUSS of Pavia, Venice International Uni.
Sino-Finnish Platform

Sino-Finnish Centre (2010)
partners: Aalto University
Double MA degree programme in International Design Business Management (covering Design, IT and Business)
Links with UN Agencies

UNEP-Tongji Institute of Environment for Sustainable Development
Established in May 2002;
Asia-Pacific Leadership Programmes on Environment for Sustainable Development;
International MA/PhD Program in Environmental Management and Sustainable Development

World Heritage Institute of Training and Research for the Asia and the Pacific Region under the Auspices of UNESCO
Social Service

Technical Support for National Projects

Master design for 2010 Shanghai Expo
Bird Nest of 2008 Peking Olympic Games
Yangshan Deep-water Harbor
Backbone for the innovation of China’s Clean-energy vehicle development
The large-scale biological processing of source water
Tongji Knowledge Economy Ring

collaboration with Yangpu District;
combination of education, research & industry;
Integration with strong disciplines of Tongji Siping campus: urban construction, disaster prevention, environment protection, energy saving, design & innovation, etc.
to promote knowledge transfer,
to provide space for students innovation practice & career starting-up,
to provide internship & job opportunities
10.2 Billion RMB Sales Vol.(2008);
more than 30,000 employees;
more innovative professionals produced by Tongji;
to serve the community
State Key Laboratories

State Key laboratory of Disaster Prevention in Civil Engineering
State Key laboratory of Concrete Materials Study
State Key Laboratory of Pollution Control and Resources Reuse
State Key laboratory of Modern Technology of Urban Planning and Design
State Key laboratory of Marine Geology
Key laboratory of Solid Mechanics of the Ministry of Education
Key laboratory of Road and Traffic Engineering of the Ministry of Education
National Research Centers

National Engineering Research Center of Urban Pollution Control
Information and Technology Research Center of Civil Engineering of Ministry of Education
Key Laboratory/ Research Center of Shanghai Municipality

Shanghai Key Laboratory of Metal Function Materials Research and Application
Shanghai Engineering Research Center of Construction Robot
ENGLISH COURSE OFFERINGS FOR INTERNATIONAL STUDENTS
English General Courses for International Students

Chinese History and Culture
China’s Socio-Economic Development
The Shape and Growth of the Town & Village in China
Sustainable Development in China
China's Diplomacy and International Relations
Protection of Historical and Cultural Heritage
Chinese Protection of Intellectual Property rights
Cross-cultural Communication
Urban Culture and Aesthetics

Curriculum Development for Undergraduate Course

Curriculum Development in Economic and Management field with Chinese characteristics
Curriculum Development in Software Engineering
Curriculum Development in Information Technology Engineering
Curriculum Development in Mechanical and Production Engineering
International Master Degree Program

International Master Degree Program of Environmental Management and Sustainable Development
International Master Degree Program of Urban Design
International Master Degree Program of Enterprise Management
International Master Degree Program of Software Engineering
International Master Degree Program of Structural Engineering
International Master Degree Program of Mechanical Engineering
International Master Degree Program of Medicine
International Master Degree Program of Art Study
International Master Degree Program of Marine Geology
International Master Degree Program of Architecture Design
International Master Degree Program of Landscape Design
International Master Degree Program of Design Art
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TONGJI UNIVERSITY AND SHANGHAI
SHANGHAI

- Population 23,000,000
- World’s economic center
- World’s financial center
- World’s trade center
- World’s shipping center
- Friendly, multicultural society
- Healthy environment
BETTER CITY, BETTER LIFE
Universities should conform to the trend of the times—innovation and transformation.
Better cooperation, better development
Better university, better city
Welcome to Tongji University

Welcome to Shanghai