



同濟大學
TONGJI UNIVERSITY

UNEP-Tongji University Institute of Environment for Sustainable Development

International Master's and Doctoral
Degree Programmes

2022

Shanghai, China



Programmes

Programme	Degree offered	Duration (years)
Environmental Management and Sustainable Development	Master's Degree in Environmental Science	2
Environmental Engineering	Master's Degree in Environmental Engineering	
Environmental Management and Sustainable Development	Doctoral Degree in Environmental Science and Engineering	4

Prospect

The Programmes are designed to foster **policy makers and practitioners** for developing countries with **integrated environment management vision and leadership ability** at the local, national and regional levels on sustainable development, training high-level, complex and applied talents in the fields of politics, economy and trade, diplomacy, agriculture, science, education, culture and health, energy and transport, public administration, etc.

Tongji University ranks **A+ in the discipline of Environment** according to the recent evaluation by the Chinese Ministry of Education. Among the 155 universities that were evaluated only 2 other universities ranked A+. According to 2021 Shanghai Ranking's Global Ranking of Academic Subjects, **Environmental Science and Engineering at Tongji University ranks 32th in the world.**

Over the past 20 years, **595 students from 96 countries and regions** have joined the Programmes. The Programmes provide a variety of courses including **15 core courses**

and 2 sets of public courses about Chinese language and culture. Senior experts of UN agencies, professors from world-renowned universities and diplomats are invited to give lectures and speeches, and more than **200 lectures are held throughout the year.** By attending the Programmes and achieving the Degree, applicants will embrace a successful career and brighter future.

The alumni from the Programmes are now working in their specialties back in home, undertaking an increasingly significant role in the environmental and economic development cooperation between China and their home countries. They are currently active in **international organizations** (e.g. the World Bank, UNDP, ESCAP), **national government agencies** (e.g. the Turkish Environment and Urban Planning Ministry, the Ministry of Labor and Social Security of Zambia, Egypt Ministry of Agriculture, Serbian Ministry of Agriculture and Environment, Ministry of Natural Resources of Ukraine, Ministry of Environment of Romania, Ministry of Economy and Trade of Indonesia, Ministry of Agriculture of Zimbabwe, Ministry of Energy of Liberia, Ministry of Environment of Ethiopia, Ministry of Environment of Mongolia), **NGOs** (e.g. WWF), **academic institutions** (e.g. Chinese Academy of Sciences, University of Wisconsin, University of Missouri, Tongji University), **corporate departments** (e.g. PricewaterhouseCoopers, Michelin) and other industries.

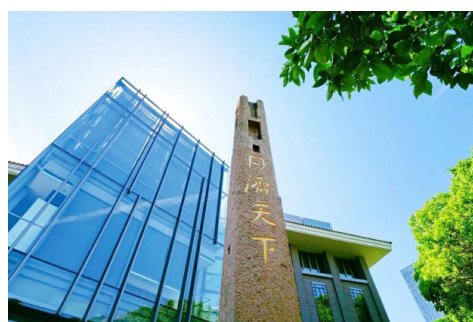
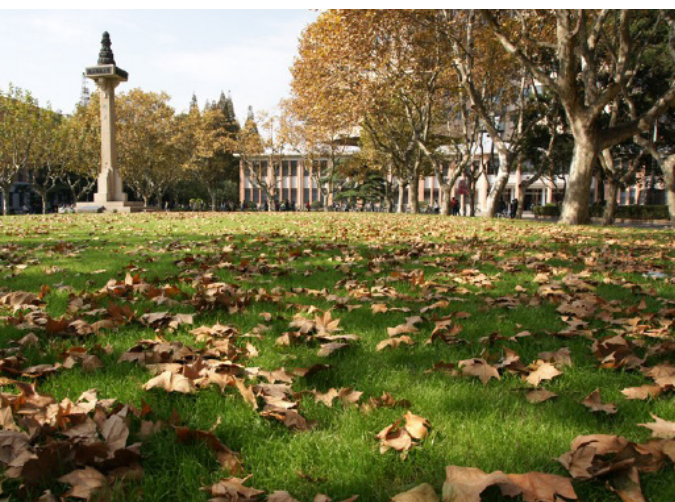


Tongji University

Tongji University, one of China's earliest national key universities, is ranked **11th in China** according to the 2019 Global Universities Rankings by the US News & World Report. The university is also ranked **35th in the Best Global Universities in Asia list** and was listed in the **Double First Class University Plan** released by the central government of China in 2017. Tongji University provides a variety of majors and disciplines to meet your academic interests and needs. Many of these are featured by QS or Global and Financial Times in the top rankings in the world, such as Environmental Science and Engineering, Architecture, Transportation Engineering, Art and Design, and Economics and Management etc.

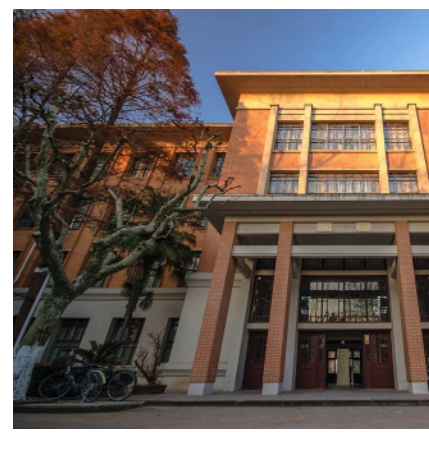
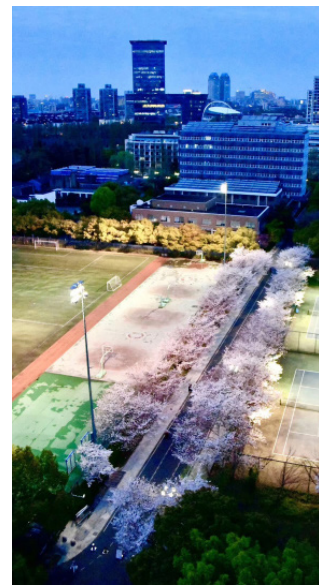
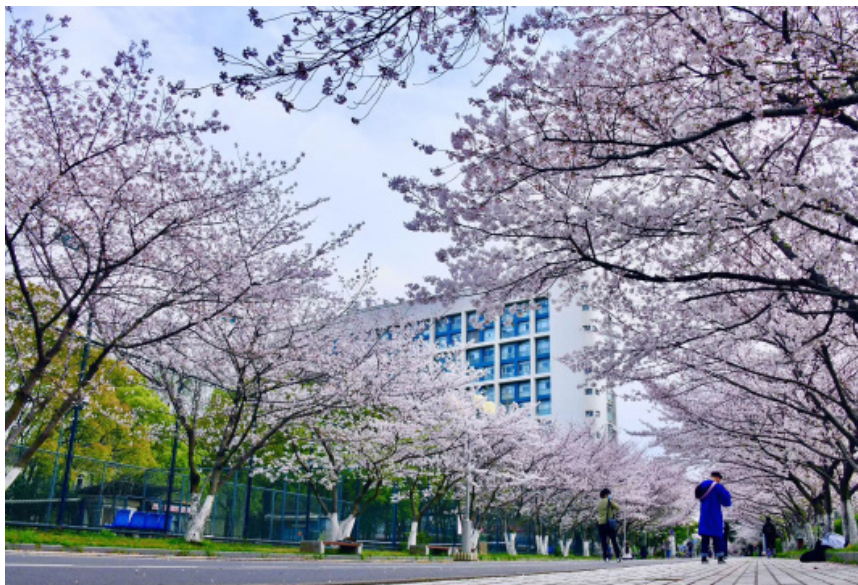
IESD

UNEP-Tongji Institute of Environment for Sustainable Development (IESD), jointly established by United Nations Environment Programme (UNEP) and Tongji University in



2002, has served as a strategic think-tank for UNEP, an inter-disciplinary platform for Tongji University and contributed significantly for environment and sustainable development from three main pillars – **education, research and outreach**. IESD has the mandate to mainstream environment and sustainable development into higher education, to promote **research, education and South-South Cooperation** on the environment and sustainability, to enhance the service of **science and technology to policy-making and implementation**, and to provide **tailored solutions to the Southern countries**.

Since its establishment, IESD has made remarkable achievements in addressing climate change and sustainable development, training of talents in environment-related fields, and scientific research on environment and sustainable development, and has become an international training center for developing countries on environmental issues, actively promoting cooperation and exchanges among developing countries in the field of environment.



Curriculum

Curriculum	
Chinese Language	Atmospheric Science and Climate Change
A General View of China	Environmental Ethics
Environmental System and Sustainable Development	Literature Search and Scientific Writing
Environmental Science	Water resource management
Ecological Economics	Aquatic Environmental Chemistry
Environmental Management and Policy	Environmental Molecular Microbiology
Intergrated Solid Waste Management and Reuse	Environmental Informatics
Wastewater Treatment: Principles and Technology	Common Experiment Principles and Step-by-Step Data Processing
Water Supply: Principles and Technology	Environment System Analysis
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Application Info & Dates

- **Tuition fee** is 39000RMB/year
- **Exchange and visiting students** from universities in partnership with Tongji are highly welcome to join the Programmes.
- Scholarships are limited to **excellent candidates** to apply for.

Programme		Dates
Master's and Doctoral programmes	Scholarship	Feb 21-May 10, 2022
	Self-finance	Dec 15, 2021-May 10, 2022
Exchange and visiting porgammes		Dec 1, 2021-May 10, 2022

Programme application

- Interested applicants can apply via: <http://study-info.tongji.edu.cn>
- For more application info updates: https://study.tongji.edu.cn/English/ADMISSION/Application_information_updates.htm

Scholarship application

- MOFCOM Scholarship is highly recommended for applicants: https://www.campuschina.org/content/details3_343888.html
- Shanghai Municipal Government Scholarship: <http://study.edu.sh.gov.cn/en/ise.html>
- For more government and Tongji scholarships: <https://www.campuschina.org/> and <https://study.tongji.edu.cn/English/HOME/Scholarships.htm>

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Words from Alumni

"China is very large, but the recent achievements in field of Chinese transportation sector, like opening up highways and longest bridges, modernisation of transportation means, fast trains between distant cities, subways insides cities, electrical buses, using bikes...etc., all made moving from one place to another more easy and enjoyable.

They think big 'self-reliance', I mean reliance on their own powers and resources rather than those of others, If they want to build a new airport, to manufacture their own planes, maglevs, rockets, aircraft carriers, super computers, nuclear plants, they just do it. No matter how much they're rudimentary at the beginning, because they will finish by getting very modernized and advanced at the end, the Chinese are taught in this way, i believe it is one of the secret principles inherited since the liberation revolution that helped to ensure the independence of China and its development."

— **Chenni Hadj from Alegria**



"One thing that is common in the cities is patriotism and willing to help the country through any measure they can. All Chinese are proud of the long living history, culture, and ancestors value and have tried best to preserve them. I am amazed to see the way China has maintained its monuments. Shanghai, the place I live in is a city that never sits, and is giving everyone an experience of past, present and future. The well-preserved nature and cultures are easily bending with this rocketing world. Bund lights to Yuyuan walk, dancing grannies to techno clubs, traditional cuisines to the variety available, starry ground from Shanghai tower not only mesmerizes me but everyone who visits here."

— **Srijan Shrestha from Nepal**

"After living in China for almost a year, there are aspects of the culture that never ceases to surprise me. I believe that China has grown at an incredible rate and today is a land of many opportunities. I experience what it feels to live in a world leading economy, where everything can be done online using only your mobile phone. I was always curious about the 'secrets' of Chinese medicine, but what surprised me was how much people here are physically active. For example, it is very common to see Chinese elderly going to the streets and doing all kinds of exercise! It is also beautiful how Chinese have a strong sense of family, the grandparents always helping to take care of their grandchildren and the parents investing in their child's education. "

— **Bianca Fernandes Novo from Brazil**



Wider Opportunities at IESD



International conferences





Fieldtrips and summer school programmes





Activities on campus





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