



# Shape Our Common Future with Tsinghua STEAM

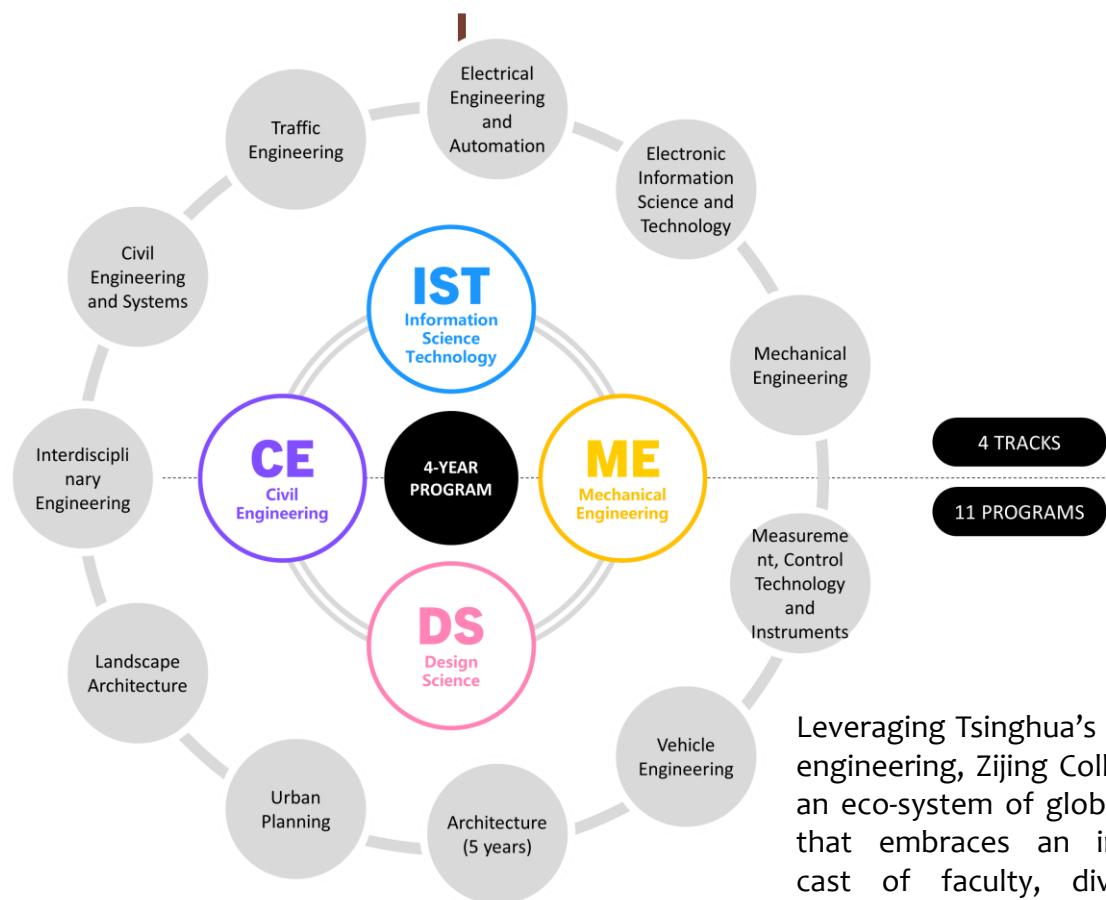
Zijing College is Tsinghua University's first undergraduate residential college, offering fully English-taught programs. It is developed to enhance the university's international outreach and expand horizons in open education. By encouraging internships with international organisations and corporations through Tsinghua's fast-expanding international connections, Zijing College aims to cultivate top engineering talents with strong global competency.

“

You are encouraged to define your own bespoke path to gain the qualities you need to become a

# TRUE CONDUCTOR in an orchestra of engineers, scientists and artists.

— Message from the Dean, Professor ZHANG Li



Leveraging Tsinghua's strengths in engineering, Zijing College creates an eco-system of global readiness that embraces an international cast of faculty, diverse peer-learning experiences, an immersive English-speaking environment, and global exposure opportunities.

# Academic Tracks

Students can personalise their learning based on the multi-disciplinary curriculum that integrates information science technology (IST), mechanical engineering (ME), civil engineering (CE) and design science (DS), and obtain Bachelor of Engineering in Interdisciplinary Engineering or Bachelor of Engineering in traditional majors upon successfully meeting degree requirements.

## M a j o r s

### Specialisations

Students will receive rigorous training in fields such as Interdisciplinary Engineering, Electrical Engineering and Automation, Electronic Information Science and Technology, Mechanical Engineering, Measurement, Control Technology and Instruments, Vehicle Engineering, Civil Engineering and Systems, Traffic Engineering, Architecture, Urban Planning, and Landscape Architecture.

#### Major 1 [IST]

Electrical  
Engineering and  
Automation

#### Major 2 [IST]

Electronic  
Information Science  
and Technology

#### Major 3 [ME]

ME, MCTI, VE

#### Major 4 [CE]

Civil Engineering and  
Systems

#### Major 5 [CE]

Traffic Engineering

#### Major 6 [DS]

Urban Regeneration  
and Design (A,U, L)

#### Specialisation 1 [IST]

Advanced Smart  
Computing

#### Specialisation 2 [IST]

Advanced Intelligent  
Systems

#### Specialisation 3 [IST]

Intelligent Software

#### Specialisation 4 [ME]

Intelligent Energy  
and Power Systems

# Life in College

Zijing College is a residential college where students will be accommodated in designated buildings on campus. Online reservations must be made within the designated time (availability of rooms is subject to the booking system). For accommodation fees and other details, please refer to the Tsinghua University International Student and Scholar Center website.



“



Zijing College is Tsinghua University's only residential college offering dedicated dormitories, alongside Schwarzman College (for graduate students) and Xinya College (for undergraduates). Adopting a Cambridge-style collegiate system, it fosters close-knit international communities where students live and learn together within centralized cultural exchange spaces, forging lifelong bonds among classmates from diverse nations.

”



# Career Development



Upon graduation, students will become **BLUEPRINT DRAFTER** who can harness creative engineering minds to conceive groundbreaking solutions; **CULTURE WEAVERS** who can translate knowledge across divides to unite global teams; **MASTER SYNTHESISERS** who can ground vision in action to unravel complex engineering challenges; and **LEADERS OF INNOVATIONS** who can compete on the world stage while building collaborative bridges across pioneering horizons.

## Suggested Academic Roadmap

	YEAR 1			YEAR 2			YEAR 3			YEAR 4			YEAR 5
	Autumn	Spring	Summer	/									
General Education Courses													
Foundation Courses													
Introductory Courses													
Compulsory Courses	●	●	●										●
STEAM Scenario-based Courses							●●●●	●●●●		●●●●	●●●●		
Practice Courses and the Capstone Project													●

# Curriculum



## Teaching in English

Zijing College is the only English undergraduate programme at Tsinghua University that also offers Chinese language courses for international students, ensuring full integration of domestic and international students, and reinforcing the internationalisation advantages of the College's graduates.

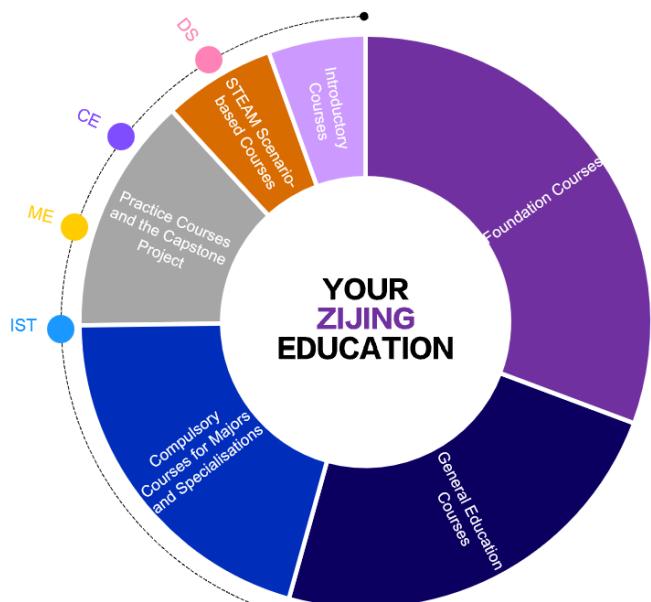
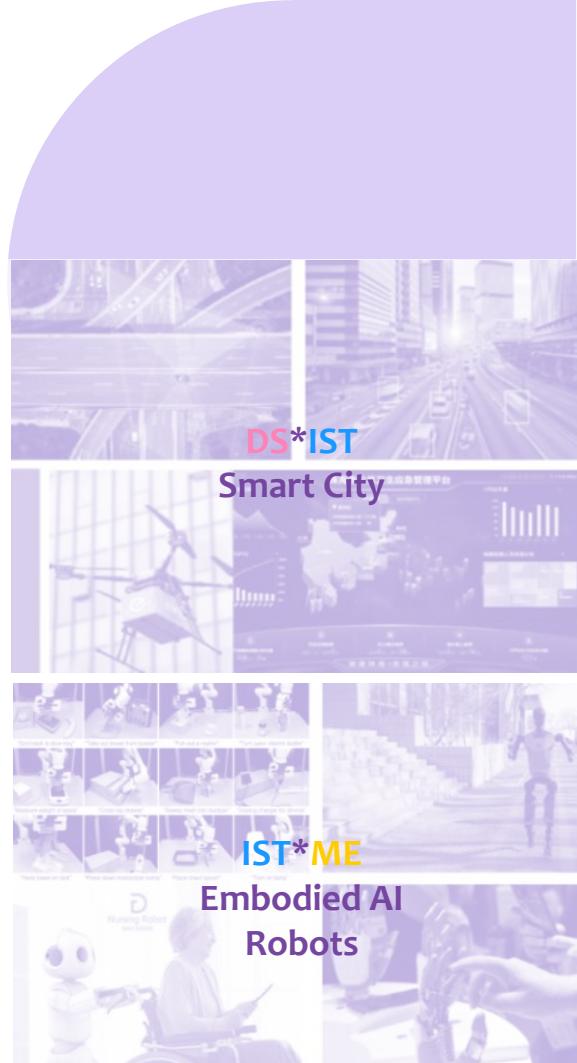
## International Practice

- DIRECT PATHWAYS TO INTERNATIONAL ORGANIZATIONS:** Establish direct talent pipelines to international organizations such as the United Nations; collaborate with Tsinghua Global Competence Center to connect with 94 international organizations designated by the Ministry of Education, Ministry of Foreign Affairs, and Ministry of Human Resources and Social Security, offering opportunities including internships, summit participation, overseas exchanges, and summer programs.
- CONNECTIONS TO MULTINATIONAL CORPORATIONS:** Develop overseas practice and leadership courses using real-world international engineering projects; invite top global scholars and corporate mentors to co-teach.
- STUDY VISITS TO WORLD-CLASS INSTITUTIONS:** Collaborate with Oxford and Cambridge colleges for study visits; jointly develop practical courses with leading global universities like the National University of Singapore.

# Curriculum

## Scenario-Based Curriculum

With the mission of cultivating internationally innovative engineering leaders who transcend cultural boundaries and influence the global stage, the School has established a Scenario-Based Curriculum Series. Addressing complex societal issues and real-world challenges, it collaborates with enterprises or governments to design open-ended exploration scenarios. Through small-group heuristic teaching and dual academic-industry mentorship, students from diverse cultural and disciplinary backgrounds are encouraged to work in teams, creatively proposing novel ideas, methodologies, and solutions.



- General Education Courses
- Foundation Courses
- Introductory Courses  
choose 1 of 4 directions
  - IST
  - ME
  - CE
  - DS
- Compulsory Courses for Majors and Specialisations  
Different types of degrees are awarded based on the course package you choose.
  - IST: Major 1-2, Specialisation 1-3
  - ME: Major 3, Specialisation 4
  - CE: Major 4-5
  - DS: Major 6
- STEAM Scenario-based Courses
- Practice Courses and the Capstone Project

# Admission

## SCHEDULE

Online Application Period (Beijing Time):

**8:00 AM September 30, 2025 – 5:00 PM  
February 28, 2026**

Results will be issued by: **Early May, 2026**

Note: The method and time of each round's integrative test will be informed in advance.

## Admissions Office, Tsinghua University:

Address: Haidian District, Beijing 100084, P. R. China

Tel: +86-10-62783100

Email: [admissions@tsinghua.edu.cn](mailto:admissions@tsinghua.edu.cn)

Website: <http://international.join-tsinghua.edu.cn/>

## APPLICATION FEE, TUITION, AND MEDICAL INSURANCE (RMB)

Notes:

- a. The application fee is not refundable.
- b. The medical insurance of Tsinghua University covers basic accidental injury and medical expenses for hospitalization.

## ACCOMMODATION

Zijing College is a residential college where students will be accommodated in designated buildings on campus. Online reservations must be made within the designated time (availability of rooms is subject to the booking system). For accommodation fees and other details, please refer to the Tsinghua University International Student and Scholar Center website.

## ADMISSION

Applicants who are granted admission will receive their admission documents from Tsinghua University in around June 2026.

**Zijing College, Tsinghua University:**  
Main Building of Tsinghua University, Haidian District,  
Beijing, 100084, P.R.China  
Tel: +86-10-62787275  
Email: [zjsy@mail.tsinghua.edu.cn](mailto:zjsy@mail.tsinghua.edu.cn)  
Website: <https://zijingcollege.tsinghua.edu.cn/en/>

