



More Details

2025 Admission Instructions		
Catalogue	<a href="https://yzbm.tsinghua.edu.cn/publish/s05/s0503/list">https://yzbm.tsinghua.edu.cn/publish/s05/s0503/list</a>	
Application Guidelines	<a href="https://yz.tsinghua.edu.cn/en/Admissions/How_to_Apply.htm">https://yz.tsinghua.edu.cn/en/Admissions/How_to_Apply.htm</a>	

Applicants should complete an Online Application (<https://yzbm.tsinghua.edu.cn/intlLogin>) during the designated THU application period. (Exceptions: applicants for Schwarzman Scholars and MBA programs, please apply on the specified websites). Applicants should fill in the application information online, upload the application documents listed below to the Online Application System, and pay the application fee online at the time of submission.

Application Calendar (Beijing Time), UTC+

8:00 AM October 1, 2024 to 17:00 PM May 31, 2025

※ The winter break of THU will be from Jan 16, 2025 to Feb 12, 2025. The application system will still be available during the winter break, but online verification might be delayed due to the vacation. Applicants are therefore recommended to complete their application at least two or three weeks in advance.

CONTACT US

Address: East Buiding Complex , Tsinghua Campus, University Town of Shenzhen, Shenzhen, 518055, P. R. China  
Email: [ibhe\\_admission@sz.tsinghua.edu.cn](mailto:ibhe_admission@sz.tsinghua.edu.cn)  
Tel: +86-0755-2640 4909  
iBHE Website: [https://www.sigs.tsinghua.edu.cn/en/biopharmaceutical\\_health\\_engineering/list.htm](https://www.sigs.tsinghua.edu.cn/en/biopharmaceutical_health_engineering/list.htm)



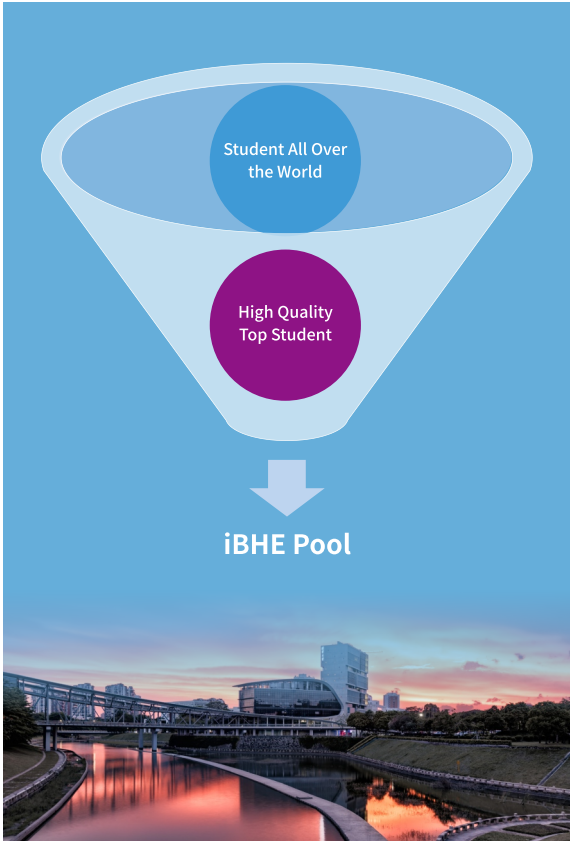
# 05

## ADMISSION PRINCIPLE

Comprehensive measurement and evaluation

We seek to recruit promising students with a solid theoretical foundation and genuine interest in the biomedical field.

We welcome applicants with academic backgrounds in the following fields: Biology, Medicine, Chemical Engineering and Technology, Food Science and Engineering, Light Industry Technology and Engineering, Bioengineering, Materials Science and Engineering, Chemistry, Biomedical Engineering, Physics, Optical Engineering, Agricultural Engineering, Electrical Engineering, Automation, Mechanical Engineering, Precision Instrumentation, Electronic Information, Computer Science, Engineering Physics, Micro-and Nano-processing, and Materials, among others, etc.



# 06

## TUITION FEE & FINANCIAL AID SYSTEM

Tuition Fee	
PHD Program	¥ 40,000 RMB/year
MS Program	¥ 33,000 RMB/year

Scholarships

The scholarships will be granted on both merit and need basis.

1) Chinese Government Scholarship (CGS) - The Full CGS usually covers tuition, stipend, on-campus accommodation (or accommodation subsidy), and medical insurance. The Partial CGS includes one or a few items in the Full CGS. Annual Review is strictly required for all CGS holders.

2) Tuition Scholarship - For example, the Beijing Government Scholarship for International Students, covers full or partial tuition fee with a duration of one academic year. Applicants may apply for Tuition Scholarships annually (competitive).

3) SIGS Outstanding Scholarship - The specific amount of the scholarship will be tiered and distributed according to the results of the annual selection process.

Living allowance - SIGS provides living allowance for all the students - 1000 RMB/month for doctor students and 600 RMB/month for master's students.

For more scholarships information, please refer to:  
[https://yz.tsinghua.edu.cn/en/Financial\\_Aid/Financial\\_Aid\\_System.htm](https://yz.tsinghua.edu.cn/en/Financial_Aid/Financial_Aid_System.htm)  
You can contact this email : [shi.yi@sz.tsinghua.edu.cn](mailto:shi.yi@sz.tsinghua.edu.cn)

Accommodation

1) SIGS provides accommodation for all full-time graduate students. School accommodation is automatically reserved for admitted students and students do not need to apply on their own. For reference, the housing rate for 2025 is about 1000 RMB per month for single bedroom and 500 RMB per month for double bedrooms.

2) Students who wish to live off-campus are required to provide the International Students & Scholars Center ([issc@sz.tsinghua.edu.cn](mailto:issc@sz.tsinghua.edu.cn)) with their address, and are responsible for completing a Registration Form of Temporary Residence for Visitors within 24 hours of moving in.



## TSINGHUA SHENZHEN INTERNATIONAL GRADUATE SCHOOL

## THE INSTITUTE OF BIOPHARMACEUTICAL AND HEALTH ENGINEERING (iBHE)

THE INSTITUTE OF  
BIOPHARMACEUTICAL AND  
HEALTH ENGINEERING (iBHE)

01

The Institute of Biopharmaceutical and Health Engineering explores the frontiers of health technology and engineering to meet the practical needs and long-term development strategy of a "Healthy China" as well as Shenzhen's biotechnology industry. We aim to build a world-class discipline that provides comprehensive science solutions and revolutionary technologies for human health and happiness by integrating pharmaceutical engineering, bioengineering, life sciences, medical sciences, chemical engineering, process and system engineering, materials engineering, and other advanced discipline clusters.



iBHE CHARACTERISTICS

02

- Interdisciplinary**  
Establish a big interdisciplinary platform including 5 first-level disciplines of THU.
- International**  
Build an international system covering from student admission and education, faculty recruitment, research platform construction to administrative service.
- Industry-partnership**  
Set up industrial mentorship to help educate students.
- Technology**  
Curriculum courses focus on Pharmaceuticals, Biomedical Engineering, Medical materials, precise medicine and healthcare, AI, Bioinformatics etc.
- Entrepreneurship**  
Set up courses of executive, management, business and law etc. to cultivate entrepreneurship.



RESEARCH AREAS

03

Focusing on two key bottleneck issues for human health, "preventive treatment of diseases" and "prevention and cure from disease sources," our four major research directions include Health Engineering, Pharmaceutical Engineering, Vaccine Engineering, and Cell Engineering.

Four Main Research Directions:

- Health Engineering**  
Systems and synthetic biotechnology, discovery and evaluation of health-related bioactive factors, biocatalysis and biotransformation, bioprocess integration and optimization, and health-care product engineering.
- Pharmaceutical Engineering**  
Pharmaceutical molecule computation and AI design, drug customized manufacturing, systematic drug evaluation, drug formulation engineering, and pharmaceutical process engineering.
- Vaccine Engineering**  
Vaccine design, vaccine expression systems, multi-omic evaluation, vaccine formulation and storage technology, as well as vaccine process and system engineering.
- Cell Engineering**  
Cell design, cell culture technology and instrument, organoid microfluidic system and organoid engineering, and cell bioprocess engineering.



GRADUATE EDUCATION  
AND TRAINING

04

We offer 5 Doctoral programs as well as 4 Master's programs. Master's degree programs are generally required to be completed in 2-3 years, and Doctoral degree programs in 3-4 years. For students with a Bachelor's degree who move on directly to pursue a Doctoral degree program, the study period is normally 4-5 years.

PhDs Programs

Code	Major	Remarks of Application
071000	Biology	Chinese Proficiency Test (HSK) score is not required.
070300	Chemistry	
081700	Chemical Engineering and Technology	
083100	Biomedical Engineering	This program takes English as the medium of instruction.
0831J4	Precision Medicine and Healthcare	

Master's Programs

Code	Major	Research Field	Remarks of Application
0831J4	Precision Medicine and Healthcare	Bioengineering and Translational Medicine	This program takes English as the medium of instruction.
085400	Electronic Information	Biomedical Engineering	Chinese Proficiency Test (HSK) score is not required.
085600	Materials and Chemical Engineering	Pharmaceutical Engineering	
085600	Materials and Chemical Engineering	Evidence-based Health Engineering	

Reminder of language requirements

Please refer to the Admission Catalog 2025 for details.