

HOW TO APPLY

Qualifications

- 1

Non-Chinese citizens with valid personal ordinary-type passports.
- 2

Applicant should have a Bachelor's Degree or an equivalent degree to a Bachelor's Degree (or above) in China.
- 3

In good health and of good character, be well-behaved and be willing to abide by China's laws and regulations, as well as Tsinghua's rules.
- 4

No requirements for undergraduate major.

Application Documents

- 1

Personal statement (Both English and Chinese)
- 2

Curriculum Vitae (Both English and Chinese)
- 3

Degree certificate and degree authentication
- 4

Academic transcript (English)
- 5

Three academic recommendation letters in English or bilingual (Chinese-English)

- 6

Language Proficiency Test score report

(1) HSK band 5-with a score of 180 or above.

Can be waived:

- undergraduate or master's study taught in Chinese;

- particularly excellent in other aspects.

(2) English proficiency requirements: Valid TOEFL or IELTS score report (TOEFL: 100 or above; IELTS: 7.0 or above).

Replacement plan for language score:

- TOEFL iBT Special Home Edition: at least 100 and above

- Score of PTE Academic: at least 69 and above

- Score of Duolingo English Test: at least 135 and above

- Applicants who have completed or are currently pursuing a bachelor's degree taught in English are exempt from submitting English proficiency test scores.
- 7

Passport (personal ordinary-type passport):  
Passport bio page

8

Other materials voluntarily submitted by individuals
- Application Schedule
- 1

Application

Mid-September to Late February


2

Evaluation



March

3

Admission

Late June to July
- Application System
- 

https://yzbm.tsinghua.edu.cn/intlLogin

Q
- Tuition Fee
- Tsinghua Phase**  
RMB 30,000/per year
- Columbia Phase**  
Please refer to the official website of IEOR, The Fu Foundation School of Engineering and Applied Science at Columbia University for the updated standard of tuition fees. (All expenses during the period at Columbia University, including tuition, living costs, transportation, and any other fees, are to be borne by the applicant.)
- Scholarships
- |                                 |
|---------------------------------|
| Initiated from 2019             |
| Exclusively for TCMiBA students |
| Around RMB 60,000 to 100,000    |
- 
- U.S.  
Jimmy
- TCMiBA Alumni, Class of 2024
- As a 2024 Tsinghua-Columbia dual master's graduate, I leverage my interdisciplinary knowledge in CS, business, and data analytics from this program to excel as a data scientist at TikTok in Silicon Valley. The program fostered international exposure, cross-cultural competencies, and lasting professional networks, propelling my global career aspirations.
- School of Economics and Management  
Tsinghua University
- Mission**  
To Advance Knowledge and Cultivate Leaders for China and the World.
- Aspiration**  
To Be a World-Class School of Economics and Management.
- Core Values**  
Integrity    Dedication    Respect
- Master's Programs Office**  
Add    Room B101, Lihua Building  
School of Economics and Management, Tsinghua University  
  
Tel    86-10-6278 9967  
Email    mim\_ba@sem.tsinghua.edu.cn  
Web    http://masters.sem.tsinghua.edu.cn/en/
- Revised Date: October 2025
- 
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- Please scan the QR code to access the website.
- TCMiBA
- 
- TSINGHUA-COLUMBIA  
DUAL MASTER'S DEGREE PROGRAM  
IN BUSINESS ANALYTICS
- MASTER'S PROGRAMS  
TSINGHUA SEM
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清华大学经济管理学院  
School of Economics and Management, Tsinghua University






This program aims to develop interdisciplinary talent in the fields of management theory and cutting-edge information technology, with an emphasis on global vision and strong business analytical skills.


|  |  |
|--|--|
| Collaboration Between China and U.S top Universities             | International Education Geared Towards Industry Practice |
| Interdisciplinary Approach to Management Theory and Data Science | The First Business Analytic on the Chinese mainland      |



**Length**  
2~3 Years  
Full Time



**Class Size**  
35



**Language**  
Chinese and English

Financial Times Masters in Management Rankings 2025



Tsinghua SEM Master in Management

4<sup>th</sup> Worldwide 1<sup>st</sup> in Asia

Aims achieved 1<sup>st</sup> Worldwide Value for money 2<sup>nd</sup> Worldwide



## Dual Master' s Degree

| Major  |  |  |  |  |   |
|--|--|--|--|--|---|
| <br><b>Tsinghua Phase</b> | <br><b>Columbia Phase</b> |  |  |  |   |
| Management Science and Engineering   | <b>MSOR</b><br>Master of Science in Operations Research, concentration in Business Analytics                 | <b>MSBA</b><br>Master of Science in Business Analytics | <b>MS&amp;E</b><br>Master of Science in Management Science and Engineering | <b>MSIE</b><br>Master of Science in Industrial Engineering | <b>MSFE</b><br>Master of Science in Financial Engineering |
| Master's Degree in Management  | Master of Science Degree   |  |  |  |   |

## Timeline

|  |  |   |
|--|--|---|
| <b>YEAR 1</b><br>Tsinghua University<br>Beijing, China | <ul style="list-style-type: none"><li>Required and Elective Courses</li><li>Thesis Proposal (Tsinghua)</li></ul> |  Extended Learning and Student Activities  |
| <b>YEAR 2</b><br>Columbia University<br>New York, USA  | <ul style="list-style-type: none"><li>Required and Elective Courses</li><li>Thesis Writing (Tsinghua)</li></ul>  |  Interns and Integrated Project<br> Career Development Services |
| <b>YEAR 3</b>  |  Thesis Defense               |  Graduation  |

## Curriculum

| Tsinghua University   | Columbia University   |
|---|---|
| <b>Core Courses</b> <ul style="list-style-type: none"><li>Advanced Econometrics</li><li>Optimization Models and Methods</li><li>Machine Learning with Applications in Python</li></ul>  | <b>Required Core</b> <ul style="list-style-type: none"><li>Optimization Models and Methods</li><li>Introduction to Probability and Statistics</li><li>Stochastic Models</li><li>Simulation</li></ul>  |
| <b>Concentration Core</b> <ul style="list-style-type: none"><li>Data Analytics: Inference and Decision-Making</li><li>Management and Innovation in the Era of Big Data</li><li>Data Analytics Strategy and Practice</li><li>Integrated Business Analytics in Practice</li></ul>   | <b>Required Technical Core</b> <ul style="list-style-type: none"><li>Tools for Analytics</li><li>Data Analytics for Operations Research</li></ul>   |
| <p>↓</p> <p><b>Integrated Business Analytics in Practice</b></p> <p>The course is designed to motivate students to think and learn creatively by involving them in real projects of modern enterprises. Students are expected to improve critical thinking capabilities and develop practical skills through tackling real business challenges.</p> | <p><b>Upon completion of the course, students will</b></p> <ul style="list-style-type: none"><li>Enhance the ability to tackle real BA problems systematically</li><li>Improve proficiency in BA tools commonly used in modern enterprises</li><li>Strengthen teamwork skills</li></ul> |

## Overseas Tsinghua Alumni Mentorship

**2019.4 New York**

The initiation of Overseas Tsinghua Alumni Mentorship



Guiding students' personal development, providing employment and internship opportunities and counselling life development during their stay in Columbia University.

**Appointments**  
Tsinghua alumni in the USA are appointed as overseas alumni mentors

**Average Age**  
40+ years old

**Living and Working in The USA**  
10-20+ years

**Industries**  
Banking, Financial Services, Investment  
High-tech, etc.

TCMiBA program provides opportunities to visit Advisory Board companies in New York and the United Nations headquarters to expand internship and job opportunities and promote in-depth communication with overseas alumni.



## Graduates of 2024

### Industry Distribution

|                     |     |                  |    |
|---------------------|-----|------------------|----|
| TMT                 | 35% | VC               | 5% |
| Quant               | 15% | Private Fund     | 5% |
| Government Agencies | 10% | Asset Management | 5% |
| Commercial Banks    | 10% | Insurance        | 5% |
| Investment Banks    | 5%  | Consultancy      | 5% |

Employment 100%

