

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.

Requirements regarding years of naturalization and applicant status shall be detailed in the admission brochure of the respective year.

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: 7.5 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>

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
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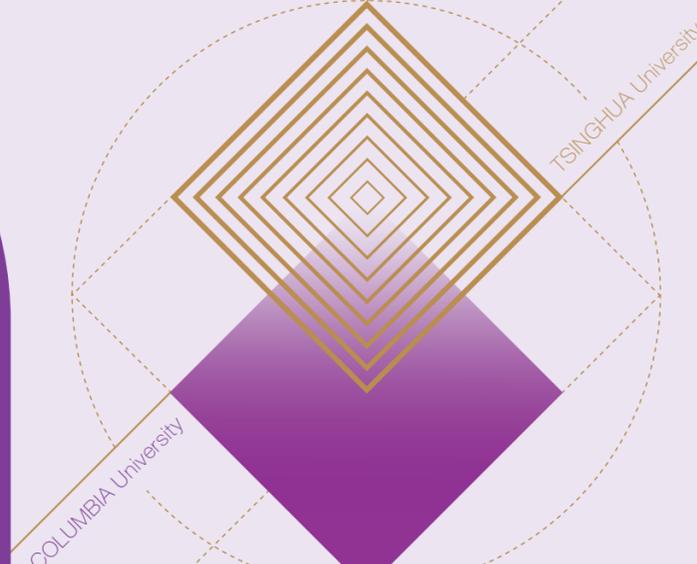
Web <http://masters.sem.tsinghua.edu.cn/en/>

Revised Date: March 2026



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



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

4th Worldwide 1st in Asia

Aims achieved 1st Worldwide Value for money 2nd Worldwide



Dual Master's Degree

Major	
Tsinghua Phase Management Science and Engineering Master of Science in Management Science	Columbia Phase MSOR Master of Science in Operations Research, concentration in Business Analytics MSBA Master of Science in Business Analytics MS&E Master of Science in Management Science and Engineering MSIE Master of Science in Industrial Engineering MSFE Master of Science in Financial Engineering Master of Science Degree

Timeline

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

Curriculum

Tsinghua University	Columbia University
Core Courses <ul style="list-style-type: none"> Advanced Econometrics Optimization Models and Methods Machine Learning with Applications in Python 	Required Core <ul style="list-style-type: none"> Optimization Models and Methods Introduction to Probability and Statistics Stochastic Models Simulation
Concentration Core <ul style="list-style-type: none"> Data Analytics: Inference and Decision-Making Management and Innovation in the Era of Big Data Data Analytics Strategy and Practice Integrated Business Analytics in Practice 	Required Technical Core <ul style="list-style-type: none"> Tools for Analytics Data Analytics for Operations Research
<p>↓</p> <p>Integrated Business Analytics in Practice</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>→</p> <p>Upon completion of the course, students will</p> <ul style="list-style-type: none"> Enhance the ability to tackle real BA problems systematically Improve proficiency in BA tools commonly used in modern enterprises Strengthen teamwork skills

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 2025

Industry Distribution

TMT	34.6%
Technology Finance	15.5%
Investment Banks/Securities Company	15.5%
Asset Management	7.7%
Government Agencies/Public Institutions	7.7%

Employment 100%

Quant	3.8%
Public Fund	3.8%
Insurance	3.8%
Embodied Intelligence	3.8%
Consultancy	3.8%