HOW TO APPLY

Qualifications

- 1 Non-Chinese citizens with valid personal ordinary-type passports.
- Applicant should have a Bachelor's Degree or an equivalent degree to a Bachelor's Degree (or above) in China
- 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.
- 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

Replacement plan for language score:

- TOEFL iBT Special Home Edition: at least 100 and
- Score of PTE Academic: at least 69 and above
- Score of Duolingo English Test: at least 135 and
- 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

- **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.

To Be a World-Class School of Economics and Management.

Core Values

Integrity Dedication Respect

Master's Programs Office

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Tel 86-10-6278 9967

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http://masters.sem.tsinghua.edu.cn/en/

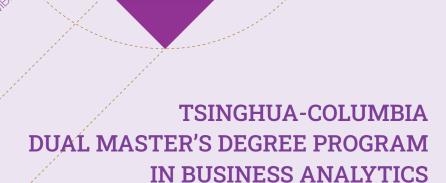
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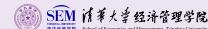




Please scan the QR code to access the website.



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





Class Size

Chinese and English

Financial Times Masters in Management Rankings 2025

Tsinghua SEM Master in Management

Aims achieved

Value for money



Dual Master's Degree

Major										
前事大学 Tsinghua University	COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK									
Tsinghua Phase	Columbia Phase									
Management Science and Engineering	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's Degree in Management	Master of Science Degree									

Timeline

YEAR 1

- Singhua University Beijing, China
- Required and Elective Courses
- Thesis Proposal (Tsinghua)
- YEAR 2 Columbia University New York, USA
- Required and Elective Courses
- Thesis Writing (Tsinghua)

YEAR 3



Thesis Defense



⇔ Graduation

Extended Learning and Student

Interns and Integrated Project

Curriculum



- **Core Courses**
- Optimization Models and Methods

Advanced Econometrics

- Machine Learning with Applications in Python

Concentration Core

- 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



Integrated Business Analytics in Practice

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.

Required Core

- Optimization Models and Methods
- Introduction to Probability and Statistics
- Stochastic Models
- Simulation

Required Technical Core

- Tools for Analytics
- Data Analytics for Operations Research

Upon completion of the course, students will

- 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

Living and Working in The USA

10-20+ _{years}

Average Age

40+ years old

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

Employment 100%



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