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湖南大学
HUNAN UNIVERSITY

2025 Master Program of Industrial Engineering and Management

Prospectus

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Hunan University

2025/Year

1. Program Introduction

(1) Program Description

Brief Introduction

Mofcom Degree Education Programs sponsored by the Ministry of Commerce of People's Republic of China started from 2008. It is designed to foster high-end and inter-disciplinary talent working in the applied fields of government, economy and trade, foreign affairs, agriculture, science and technology, education, culture and health, energy resources and transportation, public administration etc building intellectual capacity and facilitating the economic and social development of the recipient countries., offering one-year and two-year master programs as well as three-year doctoral programs. These programs provide assistance to governmental officials, research fellows, and senior managerial personnel on their master and doctor education in China, which are fully conducted in English. Admission requirements include a bachelor's degree, relevant working experiences, and decent physical conditions, essential for the high-compact curriculum needed for the degrees.

The program plays an increasingly significant role in the economic development cooperation between China and students' home countries, and is highly valued by the government of students' home countries.

Hunan University has started the two-year master program sponsored by Ministry of Commerce since 2015. It specializes in Industrial Engineering and Management in 2025, taught in English.

Prospective Students

Our prospective students are mid-to-senior level officials or managers from the government, the media, NGOs, and other public sectors, who have demonstrated superior performance, both academically and in their work.

Program Objective

To prepare high-level, compound and applied talents in the field of politics, economy and trade, diplomacy, agriculture, science& education& culture& public health, energy resources and transportation, public administration for developing countries.

Enrollment Plan:

In 2025 we have planned to enroll up to 25 students in our master program with a concentration on Industrial Engineering and Management. The program duration is 2 years and the instruction language is English.

Financial Aid

- a. Students are exempt from tuition fee, teaching materials fees, research fees, English teaching grants, graduation thesis guidance fee;
- b. University will provide free accommodation;
- c. The living expense 36000RMB/per year will be monthly deposited to students account by the university based on the students' actual residence time in China;
- d. The settlement allowance being 3000 RMB/person will be given to students account by the university;
- e. University will buy comprehensive medical insurance for students;
- f. Two round-trip international air tickets will be provided. One is for you come to register in the university and for you back home after graduation; The other one is for you to go back home to visit your families during the summer or winter vocation;
- g. Students are required to take part in the Annual Evaluation. Those who meet the criteria can continue to enjoy full scholarship in the following year.
- h. The Ministry of Commerce subsidizes the university related expenses for its teaching and managing. Only the settlement allowance and the living expenses should be granted to the students, and other fees will be managed by Ministry of Commerce or by the university, not to be granted to the students.

The Ministry of Commerce only provides students with financial support during the school system (two-years for master students). The students who postponed their graduation will not receive the continuing support.

(2)Introduction to Hunan University

Brief Introduction

Hunan University is situated at the foot of the picturesque Yuelu Mountain and

on the west bank of the rippling Xiangjiang River in the historically and culturally renowned City of Changsha, capital of Hunan Province. Hunan University, an extension of one of the four famous Academies of the Song Dynasty, dates back to the period of the founding of Yuelu Academy in 976 AD. It enjoys the title of an "Ancient Millenarian Academy, Famous Centennial University". As one of the key and most comprehensive universities affiliated with the Ministry of Education, it has been included in the state's "Project 211" and "Project 985" for priority investment and construction. It is also classified in the country's construction plan of world-class universities and first-class disciplines.

It has a staff of nearly 4,300, of whom 2,400 are full-time teachers. It has received 334 national high-level talent awards, including 6 full-time memberships of the Chinese Academy of Sciences and the Chinese Academy of Engineering; 34 winners of the National Science Fund for Distinguished Young Scholars; 55 winners of the National Science Fund for Excellent Young Scholars; 5 teachers receiving the National Outstanding Teacher Award; HNU has 7 innovative research groups supported by the Natural Science Foundation of China (NSFC), 11 national teaching groups, 1 innovative team recognized by the State Administration of Science, Technology and Industry for National Defense, and 1 innovative team included into the first batch of philosophy and social science innovation teams of Ministry of Education.

Hunan University, since 1998, has started to enroll international students for 27 years. In 2024, Hunan University has more than 800 international students from over 80 countries.

College of Mechanical and Vehicle Engineering

College of Mechanical and Vehicle Engineering originates from Mechanical Department in 1908, which is one of the time-renowned colleges in Hunan University. There are 2 first-order disciplines authorized to confer Ph.D degrees and with Post doctoral research centers which are Mechanical Engineering and Mechanics, 8 second-order disciplines authorized to confer Ph.D degrees, and 2 post-doctoral research programs; 11 disciplines authorized to confer Master's degree and 2 professional master's degree authorizations. Mechanical Engineering is a first-order national key program and is listed as "world-class discipline" of the Ministry of Education. There are 2 national scientific research bases including National Engineering Research Center for High Efficiency Grinding and State Key Laboratory

of Advanced Design and Manufacturing Technology for Vehicle. And 11 provincial and ministerial scientific research bases.

Campus Life

Hunan University is located in Changsha, capital city of Hunan province. Changsha is located in the northeast of Hunan province. It is a subtropical monsoon humid climate, characterized by mild climate, abundant precipitation, rain and heat in the same period and four seasons. Summer and winter are long, spring and autumn are short. Temperature of Spring is 8°C -15 °C, summer 23 °C -30°C, autumn 20 °C -29 °C, winter 5 °C -12 °C, and annual average temperature is 17.2 degrees Celsius.

Hunan University is located at the foot of Yuelu Mountain with natural beauty, including two campuses, south campus and north campus. Students apartments are located in South campus, North campus, Tianma residential area and Dezhiyuan residential area. International students live in the International Students Apartment of Dezhiyuan in Dezhiyuan residential area. Students for Master of Industrial Engineering and Management program will be offered a single room equipped with washing room, air-condition, refrigerator, television, network. Public kitchen and laundry are arranged on each floor. Student canteen including Halal canteen is distributed in Dezhiyuan residential area.

(3) Teaching

Curriculum

Compulsory Courses

No.	Core Curriculum	Credits
1	Chinese Language Courses	3
2	A Brief Introduction of Chinese	2
3	Advanced Manufacturing Technology	3
4	Operational Research	3
5	Quality and Reliability Engineering	3
6	Production Scheduling Technology	3
7	Project Management	3
8	Management Information Systems	3

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9	Modern Design Technology	3
10	Advanced Engineering Machinery	3

Elective Courses

No.	Elective Curriculum	Credits
1	Logistics and Supply Chain Management	3
2	Engineering Materials	3
3	Frontiers of Engineering Technology and Management	3
You can only take two courses above		

Requirement of Credits

Our master degree program is a 2-year full-time program. Students enrolled in this program are expected to complete the coursework, conduct research, and write a thesis within 2 years.

All the courses incorporate seminars, lectures, discussions and field works, which are all instructed in English.

Total Credits	Courses		Thesis Proposal	Academic Activities	Thesis
	Compulsory Courses	Elective Courses			
73	29	6	2	2	34

Lecturing Professors

No.	Curriculum	Professor	Academic Background
1	Operations Research	Jianwu Yu	Prof. Yu, a doctoral supervisor in Hunan University, is a researcher at the State Key Laboratory of Advanced Design and Manufacturing of Automobile Body and the National Efficient Grinding Engineering Technology Research Center, as well as the Deputy Director of the China Machinery Industry Precision Grinding Equipment Technology Engineering Laboratory.

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No.	Curriculum	Professor	Academic Background
2	Advanced Manufacturing Technology	Lijun Song	Prof. Song, a doctoral supervisor in Hunan University, was served as postdoctoral researcher in the Department of Electrical Engineering and Computer Science of Northwestern University, and the Department of Mechanical Engineering of University of Michigan, USA. He is the research scientist of the Department of Mechanical Engineering of University of Michigan. He is a candidate of Oversea High-level Young Talents Program, and a winner of Contribution Award of Oversea Chinese”.
3	Advanced Engineering Machinery	Yueqiang Hu	Prof. Hu, a doctoral supervisor in Hunan University, is a National High-level Young Talents awardee. He received the China Newcomer Technology Figure Outstanding Influence Award and was selected as one of the top 2% scientists globally by Elsevier.
4	Project Management	Liping He	Prof. He, a doctoral supervisor in Hunan University, received her Ph.d degree from Delft University of Technology, the Netherlands. She was a URF of City University of Hong Kong and a visiting professor of University of Alberta, Canada. She has won many awards in lecture competitions.
5	Production Scheduling Technology	Maojun Li	Associate Prof. Li, a doctoral supervisor in Hunan university, has obtained his Ph.d degree from University of Birmingham, UK. Many graduate students won "National Scholarship for Graduate Students" and "Excellent Graduate Students of Hunan University" under his guidance.
6	Management Information Systems	Shizhe Zhou	Associate Prof. Zhou, a doctoral supervisor in Hunan University, was served as postdoctoral researcher in both National Institute of Information, France and University of Science and Technology of China. He has won the title of Young Talents of Hunan Province.

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No.	Curriculum	Professor	Academic Background
7	Frontiers of Engineering Technology & Management	Guanhua Zhang	Prof. Zhang, a doctoral supervisor in Hunan University, received her Ph.d degree from both Arizona State University, US and Hunan university, China. She has won the title of Yuelu Scholar, and Young Talents of Hunan Province.
8	Quality and Reliability Engineering	Fan Li	Associate Prof. Li, a doctoral supervisor in Hunan University, was served as postdoctoral researcher in the ENSAM under the Paris Institute of Technology. He is also the secretary of Car Body Branch of China Society of Automotive Engineering.
9	Engineering Materials	Fuhao Mo	Prof. Mo, a doctoral supervisor in Hunan University, received his Ph.d degree from Aix-Marseille University-IFSTTAR Institute. He has won the title of Yuelu Scholar, and Young Talents of Hunan Province.
10	Modern Design Technology	He Zhelong	Assistant Prof He, a master's supervisor in Hunan University, has obtained his bachelor and master degree from Tsinghua University, China, Ph.d degree from University of Virginia, US, and was served as postdoctoral research in University of Texas at Austin. He is also a reviewer of several international SCI journals.
11	Logistics and Supply Chain Management	Wei Zhu	Associate Prof Zhu, a master's supervisor in Hunan University, is a Yue Lu Scholar, previously conducted research at Nanyang Technological University in Singapore and the Singapore 3D Printing Center.
12	A Brief Survey of Chinese Culture, A Brief Introduction of China	Jun Xie	Prof. Xie, a master's supervisor, has obtained her Ph.d majoring in English Language and Literature in the Hunan Normal University. During her master's period, she studied in the University of Sheffield for one year.

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No.	Curriculum	Professor	Academic Background
13	Academic Lecture	Jian Zhou	Prof. Zhou, a doctoral supervisor in Hunan University, Director of the Department of Mechanical and Electrical Engineering, Yuelu scholar, Huxiang Young Talent, and an outstanding young scientist in Micro-systems and Nanoengineering.
14	Academic Lecture	Xiong Zheng	Associate Professor Zheng, a doctoral supervisor in Hunan University, holds a Doctorate in Engineering from Xi'an Jiaotong University. He is also a visiting scholar at the Institute of Physical Science and Technology, University of Maryland, Park, USA.
15	Academic Lecture	Tantan Zhang	Associate Prof. Zhang, a master's supervisor in Hunan University, and a Doctor of Engineering from the Polytechnic University of Turin, Italy, serves as a reviewer for several international SCI journals.
16	Academic Lecture	Shihui He	Associate Professor He, a doctoral supervisor in Hunan University, holds a Ph.D. from the University of Hong Kong, where he also conducted his postdoctoral research.

Teaching Methods

Our master degree program is a 2-year full-time program. Students enrolled in this program are expected to complete the coursework, conduct research, and write a thesis within 2 years.

All the courses incorporate seminars, lectures, discussions and field works, which are all instructed in English.

Lessons

48 periods for each course;

45 minutes for each period.

Discussion

Under the guidance of teachers, the whole class or a small group give their opinions and views around one topic and inspired by each other. One question should

be raised each month.

Field Study

During Study, our college will arrange academic activities including academic reports by Local Government officials, industrial managerial personals, industry associations chairman and scholars from universities. Students will also be invited to join internship and investigations in established enterprises of mechanical engineering, track traffic, vehicle manufacturing and special equipment.

Thesis

After getting full credits required by the university, a student should choose a professor as his/her supervisor, and determine the subject matter for thesis proposal on the basis of a real world problem to be solved in his/her own countries. If the thesis proposal is approved by the supervisor and the college, students are expected to complete their thesis with no less than 20000 words and apply for an oral defense.

Timetable for One Academic Year

Autumn Semester: September

Register: 8th -12th September, 2025

Winter Vocation: February (almost 1 month)

Spring Semester: March

Summer Vocation: July and August (almost 2 month)

Graduation: June or July

Awarding Degree

A master degree in the field of Industrial Engineering and Management will be conferred upon a candidate after his/her successful completion of required credits and thesis.

2. How to Apply

(1) Qualifications of Application

Applicants should:

- a) Be in compliance with the laws and regulations of the People's Republic of China (PRC) and the university regulations, and respect Chinese customs and habits;
- b) Be non-Chinese nationality from developing countries under the age of 45(born after 1 Sep, 1980) and be healthy;
- c) Be physically and mentally healthy with the Health Certificate or Physical Examination Result issued by local public hospitals. Without diseases classified as “prohibited entry into China” under Chinese laws and regulations and without diseases classified as “prohibition of long-term residency in China”; Without serious Chronic diseases such as hypertension, cardio-cerebral vascular disease, diabetes, cancers etc; Without Psychiatric diseases; Without Infectious diseases which may bring great harm to the public health; Not in the recovery period after a major operation; Not in the acute episode of the acute disease; Not severely disabled. Pregnant women are not allowed to attend this program in China. If you are pregnant during your studies in China, you will be dropped out of school.
- d) Hold a Bachelor's degree or above and with 3 years or more working experience ;
- e) The applicants with profession studying or working background related to the major applied and be on the job are preferred.
- f) To serve as Public officer (section chief or corresponding levels and above) of the government departments of the host country, Or Senior managers of various institutions and enterprises, Or Academic backbone of the universities and scientific research institutions.
- g) Have a good command of English, proficiency in English for academic coursed (For example IELTS 6.0 or TOEFL 80);
- h) With the potential of career development in this field and with the intention to promote friendly exchanges and cooperation between China and the host country;
- i) The applicants who are studying in China or have been admitted to other programs of Chinese government scholarship are not allowed to apply;
- j) Preferred (not limited to) academic background are mechanical engineering, industrial engineering and management, information engineering, electrical engineering, mathematics, physics, management science, economics and accounting;
- k) Only applicants recommended by the Economic and Commercial Counselor's Office of Chinese Embassy in the country that accords with the candidate's nationality will be considered.

(2)Application Procedure

Application to Hunan University with Mofcom Scholarship

a) Please contact imiehnu@126.com to get *Physical Examination Form* for IMIE program.

b) Please visit the online application system of Hunan University at <http://hnu.17gz.org/>, register and log in for online application. Successively choose the program “Chinese Government Scholarship”, “Master Student”, “College of Mechanical and Vehicle Engineering”, “Industrial Engineering and Management”, fill in all the information required, upload all the application materials required, and click “submit” to finish the online application procedure.

c) To complete the online application successfully, please note the following information: the teaching Language is “English”, and the duration of Study is two years from 01/09/2025 to 31/08/2027.

d) For this program, the university will offer Professional master degree after the students achieve all the requirements. Different from Academic master degree, Professional master degree is to cultivate applied high-level talents with solid theoretical foundation and adapt to the practical needs of the industry, which is also a form of master education in China.

Documents Required

Before your online application, please read the following carefully and prepare the application materials as required.

Documents Needed		Requirements	Originals	Copies
1	Recommendation Letter	It should be issued by the department where the applicant is working in. It should cover the basic information of the applicants and the intention to recommend the applicant.	1	1
2	Recommendation Letter	It should be issued by vice professors or professors. It should cover the academic background, research field, past achievements and research ability of the applicant.	1	1
3	Graduation Certificate and Degree Certificates	Graduation and Degree Certificates must be originals or the notarized copies, in Chinese or English; If the applicant has not graduated yet, he or she should provide a letter issued by the school to state the graduation date.	1	1

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Documents Needed		Requirements	Originals	Copies
4	Transcripts	Official transcripts must be originals or notarized copies in Chinese or English; Transcripts must cover all the courses studied and final standards achieved.	1	1
5	Resume	Written in English. It should cover the personal background information and the applicant's experience of study and work after the high school.	1	1
6	Personal Statements	Written in English. It should cover the applicant's ideas and objectives for studying the major applied.	1	1
7	Research Plan or Study Plan	Written in English; It should cover the applicant's learning and research tasks that he/she wishes to accomplish during their study in China.	1	1
8	Passport Copy	The passport must be valid; Do not use the Diplomatic passport or Service passport; The passport used to apply must be the same with passport used for entry into China and registration in Hunan University.	0	2
9	Photos	2 photos (the last 3 months) in passport photo size; White background and bareheaded;	2	0
10	English Proficiency Certificate	Non-native English speakers or those who did not participate English-taught Bachelor Program should submit English proficiency certificate like TOEFL, IELTS etc.	1	1
11	Physical Examination Form	The health form shall be issued within one month before the submission of application, showing that the applicant carries no infectious diseases which may have a serious impact on public health or fall into any of the health situations prohibited by China's Entry-Exit Inspection and Quarantine Laws and Regulations.	0	1
12	Hunan University Application Form	Complete online application at Hunan University website http://hnu.17gz.org/ , print it and sign it with dates.	1	1

Note: All application materials must be in English or Chinese. If originals can not be provided, please make sure you will provide notarized copies in English or

Chinese. Accepted or not, all the application materials will not be returned.

Submission

a) The applicant can apply for this scholarship program only after you have been approved and recommended by the relevant departments of the government in the host country;

b) Under the condition that the government of the host country allows the applicant to directly submit the application materials to the Chinese Embassy, and With the proof or recommendation letter concerning permission for the applicant to study in China, the applicant should submit all the application materials listed in the above table in both original ones and scanned copy to the **Economic and Commercial Counselor's Office of Chinese Embassy**.

c) The relevant departments of the government in the host country should submit a written request to **the Economic and Commercial Counselor's Office of Chinese Embassy** for **an official recommendation letter** and clearly state: Whether the applicant is willing to be transferred to the other same or similar programs in the other universities if declined by the university he/she applies. Other special requests if any.

Reminders:

a) All the documents to be submitted should be in Chinese or English. Otherwise, a notarized copy in Chinese or English is required.

b) An original copy of degrees, transcripts and language certificates must be presented for on-site verification. After verification, students themselves should send the documents to the university.

c) Applicants will get back all the hard-copy materials, both original copies and photocopies from the Economic and Commercial Counselor's Office. If admitted, they must take the documents to China and submit them to the Hunan University during registration in early September.

(3) Deadline of Application: 6th June, 2025

3. Notes

Contact of Hunan University

Name: Zeng Ting(Ms.) from Center of International Studies

Tel & Fax: +86-731-88684912

Email: imiehnu@126.com

School Website: <http://www.hnu.edu.cn/>

Address: Office B163, B1 Floor International Students Apartment of Hunan University, Dezhiyuan, Zuojialong, Yuelu District, Changsha, Hunan Province, P.R.China

Other notes

- a) None of the materials submitted to Hunan University will be returned.
- b) Accepted or not, Chinese government reserves the rights of elaboration.
- c) No spouse or children are allowed to accompany students in China. Any expenses regarding spouse and children' visit to the applicants will not be covered by the scholarship.
- d) The procedure of admission and visa application will be elaborated in the admission documents.