HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

International Student Office ,HUST

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華中科技大學

English-Medium Undergraduate Programs at

HUAZHONG UNIVERSITY OF SCIENCE AND TECHNOLOGY

V. How to apply

Please submit the required application documents to the International Student Office by fax, post or submit online at www.studyathust.com.

The Required Documents are:

(1) One photocopy of your passport

(2) An official certificate of your highest education (or notarized photocopy)

(3) An official transcripts (or notarized photocopy)

(4) Study Plan

I. About HUST

History

Huazhong University of Science and Technology (HUST) is a national key university directly under the administration of the Ministry of Education of P. R. China, and is among the first Universities joining the national "211 Project" and "985 Project". It was founded on May 26, 2000 as a result of the merger of the former Huazhong University of Science and Technology (founded in 1953), Tongji Medical University (founded in 1907 by a German Doctor Paulun Erich) and Wuhan Urban Construction Institute (founded in 1952). The university has gained the rapidest development among universities of China in the past 60 years and has been hailed as "the epitome of the development of China's higher education".

Faculty

The University has over 1, 100 professors and 1,600 associate professors, including 24 academicians (10 are of Science and 14 are of Engineering), 27 listed in the "National Recruitment Program of Global Experts", 66 professors receiving funds from the Cheung Kong Scholars program, 45 winners of National Science Fund for Distinguished Young Scholars, 36 listed in the "National Talents Project" and 153 young scholars listed in "New Century Outstanding Talents Project" of the Ministry of Education.

Students

The number of current enrolled students is over 60, 000, of whom more than 32,000 are undergraduate students, 20, 000 are graduate students, and 1800 are international students from 119 countries.

Campus

HUST, located at the foot of Yujia Mountain and beside the East Lake, covers an area of over 1,153 acres with picturesque environment, elegant surroundings and has 72% greenery coverage, which has been honored as the "University in the Forest". The university has a strong service and supporting system, which includes 4 libraries with a collection of 5, 79 million volumes, 4 best facilitated teaching buildings; 15 best accommodated apartments for international students, 4 gymnasiums, 4 standard sports grounds, 70 basketball courts, 14 tennis courts; 14 canteens and restaurants, 6 shopping centers and 1 big market on campus; 1 university hospital, 6 banks and one China Post Office.

Academic

The University has 40 academic schools and departments covering 12 disciplines: science, engineering, medicine, economics, management, philosophy, law, education, literature, history, agriculture and art (of which 7 are national key disciplines and 15 national key sub disciplines), offering a variety of degree programs, including 93 undergraduate programs, 304 graduate programs, 238 PhD programs and 32 post-doctoral research centers.

Research

HUST plays a leading role on research with the Wuhan National Laboratory for Optoelectronics, the Wuhan High Magnetic Field Center (One of the Four in the world), 5 National Key Laboratories(for Coal Combustion, Laser Technology, Material Processing and Die & Mould Technology, Digital Manufacturing Equipment and Technology, Advanced Electromagnetic Engineering and Technology), 6 National Engineering (Technology) Research Centers and many other National and provincial Specialized key Laboratories.

II. About the International Education

Overview

The University has been accepting international students studying in China since 1960s. For over 50 years it has cultivated more than 5000 international students of various majors from more than120 countries and districts. Most of them have obtained bachelor's degree, master's degree or doctoral degree that conferred by HUST. They have become outstanding engineers and technicians, famous medical experts, government administrators or officials in their embassies in China after graduation. Currently, there are more than 1800 international students from 119 countries studying in HUST.

International Students who won their degrees

Service

The International Student Office has been established for the service and administration of international students. We have well educated and professional staff to assist and help international students adapt the camp life, deal with daily study, visa and activity affairs and get better improved in this distinguished university.

Besides, we also have a special Students International Communication Association to guide freshmen to better understand this university and the life here, hold one-one tutor program, intercultural activities and Chinese Corner for international students.

Meanwhile, the University has one research center for Chinese Language Teaching as a Foreign Language with a strong group of teaching faculty offering Chinese Language courses and Chinese Culture courses.

International Students Building

Celebrating the Cultural Festival

Students Achievements

HUST international students have outstanding performance in HUST as well as in China. TASSING TAGNE, REMI CLOTAIRE (Lei Meng), from the Republic of Cameroon, won gold prize in the First National Chinese Language Contest for international students in 2008; then JUSTINE BRANDON R SEALE (Su Jie), from Barbados, the first prize in the provincial level of Chinese Language Contest in 2010; MOTENG TAGNE PATRICK (Meng Tai), also from Cameroon, the first prize in the Chinese Language Contest of Hubei Province in 2011.

French Students are cycling around the East Lake

III. Undergraduate Programs with English Instruction

Main Courses:

Organic Chemistry, Analytical Chemistry, Physical Chemistry, Biochemistry and Molecular Biology, Pharmaceutical Chemistry, Pharmacognostics, Natural medicinal Chemistry, Pharmaceutical Analysis, Pharmacology, Pharmaceutics, Biopharmaceutics and Pharmacokinetics, Pharmaceutical Administration, Clinical Pharmacotherapeutics.

Duration: 4 years
Tuition fee: 35,000 RMB/year

About the Institution:

Founded in 1971, the HUST pharmacy school is one of the oldest pharmacy schools in the south-central of China. Over the past 40 years, it has developed nationally and internationally recognized research programs in pharmaceutics, medicinal and natural products chemistry, clinical pharmaceutical sciences, pharmaceutical socioeconomics, and pharmacy practice. School of Pharmacy has now 82 faculty and staff, including 16 professors and 20 associate professors. Among them there are one academician of the Chinese Academy of Sciences, 1 Changjiang Scholar, 3 awardees of new century excellent scholar supporting program. Funded by the state for drug discovery, School of pharmacy offers a variety of programs including 2 bachelor's programs, 7 master's programs, and 6 doctoral programs. And 800 students are studying at the school for their promising future including 580 undergraduates, 165 postgraduates and 45 doctors.

School of pharmacy has established a comprehensive platform for new drug and also co-foundered the national nano-drug research center. It is also active in international academic exchanges. It has made academic exchange agreements with many higher education institutions in different countries and regions of the world, including Marburg University School of Pharmacy and Dusseldorf University School of pharmacy.

IV. Accommodation

International Apartments	Type	Accommodation fee per person	Facility
Huahong Apartment	Single room	900 RMB/month	Washing room, water heater, air conditioner, Internet, telephone, furniture and bedclothing.
	Double room	600 RMB/month	
Friendship Apartment	Single room	900 RMB/month	
	Double room	750 RMB/month	
	Suite	900 RMB/month	
Bojingge Apartment	Double room	5,000 RMB/year	
Hongjia, No.2 Building	Double room	5,000 RMB/year	

1st year:	pre-medical study with English instruction
2nd year:	theory study with English instruction
3rd -4th year:	basic and clinical medicine study with bilingual instruction in English and Chinese
5th year:	clinical medicine study and practice with Chinese instruction
6th year:	internship in hospital with Chinese instruction

Main Courses:

Human Anatomy, Histology and Embryology, Medical Microbiology, Surgery, Internal Medicine, Medical Immunology, Biochemistry, Physiology, Pathology, Pathophysiology, Pharmacology

Note: With the purpose of enhancing the students' language skills in communication with patients, and getting prepared for the clinical internship in China, the teaching instruction of MBBS program is arranged as above. Text books, exams and graduation thesis will all be in English.

Duration: 6 years
Tuition fee: 40,000 RMB/year

4.Pharmacy

Objectives:

This program aims at cultivating high-quality pharmacists capable of conducting research, manufacturing, quality control, monitoring administration of drugs and their preparations, and curatorial operation and administration.

Program description:

The primary aim of the pharmacy undergraduate program is to provide the relevant knowledge and skills that are required for the entry into the pharmacy profession that deals with every aspect of medicines, ranging from the manufacture, the supply and the management of drug therapy. It is undertaken by School of Pharmacy, which brings together the most talents and best equipments to present professional instruction in English for international students. Students study core subjects in some basic sciences and course related to pharmaceutical sciences and pharmacy practice, so that graduates can readily apply these fundamental principles to their future career in hospital service, healthcare practice, pharmaceutical industry and research. The program is available for both undergraduates and postgraduates, so that they would receive a complete and systematic training from the very beginning to the end. Besides, School of Pharmacy has set up a course structure special for the international students to meet their requirements.

III. Undergraduate Programs with English Instruction

1. Machine Design, Manufacturing and Automation

Objective:

This program is aimed at establishing the fundamental knowledge and application skills of mechanical design and manufacturing, and nurturing talents in production engineering who will be engaged in design and manufacturing, research and development, application study, production management in the field of mechanical manufacturing.

School of Mechanical Science & Engineering, HUST

Program description:

This program is aimed at establishing the fundamental knowledge and application skills of mechanical design and manufacturing, and nurturing talents in production engineering who will be engaged in design and manufacturing, research and development, application study, production management in the field of mechanical manufacturing. It is undertaken by the School of Mechanical Science & Engineering (SMSE), which brings together the most talents and best equipments to present the professional instruction in English for the international students. The program is available for both undergraduate and graduate students, so that they would receive a complete and systematic training from the very beginning to the end. Besides, SMSE has set up a course structure special for the international students to meet the need of their requirements.

Main courses:

Engineering Graphics, Material Mechanics, Theoretical Mechanics, Theory of Machines and Mechanisms, Machine Design, Theory of Electrical Circuits, Analogue Electronics, Digital Circuits, Principle of Microcomputer, Mechanical & Electrical Transmission Control, Engineering Materials, Fundamentals of Mechanical Manufacturing Technology.

About the institution:

Li Peigen, President of HUST; Professor of the School of Mechanical Science & Engineering; Academician of the Chinese Academy of Engineering

Founded in 1953, the current School of Mechanical Science and Technology was known as the name of "the Department of Mechanical Engineering (1953-1987)" and "the First Department of Mechanical Engineering (1988-1992)" respectively. After several generations of unremitting efforts, well-equipped campus along with stimulating educational and research environment make SMSE one of the best known schools nationally and internationally. SMSE has now 291 faculty and staff, including 71 professors and 80 associate professors, among them there are 2 academicians of the Chinese Academy of Sciences, 3 academicians of the Chinese Academy of Engineering, 8 Changjiang Scholars, 2 Chief Scientists in the National 973 Program (State Key Fundamental Research Program in China), 5 Winners of the National

Science Foundation for Distinguished Young Scholars, and 2 winners of "State Excellent Teacher". One of the famous graduates Zhou Ji, the former Minister of Education of the People's Republic of China between 2003 and 2009, has studied at School of Mechanical Science and Engineering and spent his early career at the Huazhong University of Science and Technology, and now he is current President of the Chinese Academy of Engineering.

Duration: 4 years
Tuition fee: 30,000 RMB/year

2.Telecommunication Engineering

Objectives:

Based on the characteristics of Tanzanian students and making full use of our educational resources, we design the program to bring up students mastering the basic theory of electronic and information fields, as well as reasonable knowledge framework. After graduation, the students will be professional on theoretical principles and information retrieval, transfer, process and application. They would possess the practical abilities to design various communication and information systems. After returning to their own country, they can work for information technology industries, research institutes, universities, and other related communities in research, design, integration and engineering areas.

Program description:

The international program of Telecommunication Engineering (TE) is undertaken by the Department of Electronics and Information Engineering of Huazhong University of Science and Technology, which recruits international students for undergraduate and postgraduate courses with English instruction. This program has gained high international reputation since it started in 2005 and it has brought together around 200 international students from all over the world to study and research in this program. A great number of Chinese government scholarship students and self-funded students have applied for this program, while a lot of governments scholarship students from Tanzania, Saudi Arabia, Sudan and other countries have been selected to get further studies and researches here.

Main Courses :

Circuit Theory, Data Structure, Signal and Linear System, Analog Electronics, Digital Circuit and Logic Design, Principle of Microcomputer, Electronic Circuits of Communication, Principles of Communication, Basics of Fundamental Informatics, Digital Signal Processing, Stochastic Process, Electromagnetic Field and Wave.

III. Undergraduate Programs with English Instruction

About the institution:

The department has a total of 29 professors, 42 associate professors and 79 lecturers. After nearly 50 years of development, it has developed a great team of excellent teachers, who have extensive experiences about abroad study and cooperative research. In recent years, a lot of eminent professors from Australian Wollongong University, American Texas A&M University, English University College London and many other universities are entitled to be guest professors, improving the whole ability of running department. Based on the students' study requirements and knowledge foundation, we have set up the curriculums and cultivation plan as well as assigning experienced professors to teaching in fluent English. The international students have been impressed with excellent teaching staff, advanced lab equipments and scientific teaching methods in the International TE program.

Duration: 4 years
Tuition fee: 30,000 RMB/year

3. Clinical Medicine (MBBS)

Objectives:

This program aims at cultivating elementary doctors of high quality that guarantees that they can engage in medical practice with effectiveness and security after graduation under the guidance of senior doctors, and that they have proper foundation to go on study through their lives and make advanced study in a certain discipline field of the medical science.

Program description:

Tongji Medical College of Huazhong University of Science and Technology was first founded in 1907. Before merging with HUST, it was a key medical university and directly under the leadership of the Ministry of Health. The comprehensive strength in teaching and research ranks the top of China's medical university. 5 Tri-A hospitals totally with 5400 beds are attached to Tongji Medical College, among which both Tongji Affiliated Hospital and Union Affiliated Hospital are top-ranking hospitals in China. Complete medical departments, solid technological strength, advanced diagnostic equipment and rich clinical experience make them China's standardized clinical teaching base, as well as the diagnostic and therapeutic center in central China. The MBBS program is composed of 6 years and goes through 5 periods: