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# HARBIN ENGINEERING UNIVERSITY

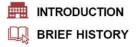




INTERNATIONAL STUDENTS
ADMISSION BOOK



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NAVAL ARCHITECTURE AND OCEAN ENGINEERING (A+)



CONTROL SCIENCE AND

**ENGINEERING (A-)** 



**NUCLEAR SCIENCE AND** TECHNOLOGY (B+)

ACCORDING TO THE 4TH ROUND OF DISCIPLINE EVALUATION BY THE MINISTRY OF EDUCATION

ENGINEERING ESI 1%0

MATERIAL SCIENCE CHEMISTRY 1% COMPUTER SCIENCE

ACCORDING TO ESSENTIAL SCIENCE INDICATORS (ESI)



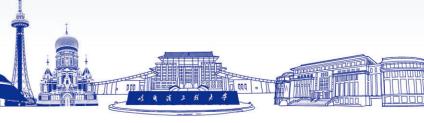
### INTRODUCTION

Harbin Engineering University (HEU in short), founded in 1953, is located in Harbin, the capital city of Heilongjiang Province, which is known for its cold winters and is heralded as the Ice City for its winter tourism and recreation. Harbin Engineering University is the first batch of "211 Project" key universities, "the National Excellent Engineers Plan" key universities, and the national "Double First-class" construction universities. In 2017, it passed Higher General Education Accreditation for International Students in China.

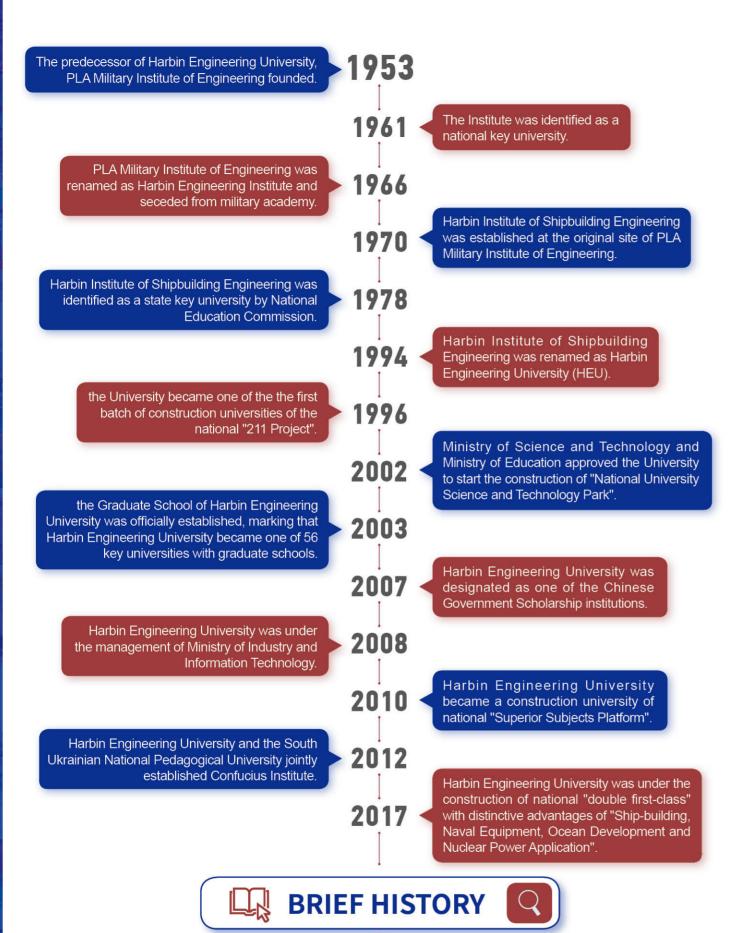
In the field of shipbuilding, ocean and nuclear engineering, HEU has a significant advanced technology and technical background including underwater robots, ship anti-rolling, marine power, integrated navigation, underwater acoustic positioning, nuclear power simulation and large ship simulation ranking highly both domestically and abroad, becoming an important personnel training and scientific research base in the fields of "SMON" (Shipbuilding Industry, Marine Equipment, Ocean Exploration and Nuclear Energy Applications) in China.

Adhering to the principle of internationalization and open education, Harbin Engineering University has established good cooperative relations with more than 100 well-known universities, research institutions and enterprises from 25 countries, including the United Kingdom, Norway, Japan and Russia, etc. HEU has established a "Confucius Institute" jointly with the South Ukrainian National Pedagogical University in Ukraine. HEU is the Chinese Government Scholarship institution with Atomic Energy Scholarship of China, Marine Scholarship of China, and Silk-road Scholarship. In addition, HEU is one of the institutions of IAEA Marie Sklodowska-Curie Fellowship Programme, providing International Chinese Language Teachers Scholarship and HEU International Student Scholarship.

The open Harbin Engineering University is committed to spreading and creating knowledge, serving and contributing to society, accelerating its development into a world-class research university with distinctive characteristics, and making outstanding contributions to The Great Rejuvenation of the Chinese Nation and the progress of human civilization.







婚爾演工程大學



**DISCIPLINE AUTHORIZED TO OFFER DOCTORAL DEGREE PROGRAMS** 

**DISCIPLINE AUTHORIZED TO OFFER MASTER'S DEGREE PROGRAMS** 



COLLEGES

19

**BACHELOR DEGREE PROGRAMS** 

65



**FACULTY AND STAFF** 

2900+

**MEMBERS OF ACADEMY OF ENGINEERING AND ACADEMY OF** SCIENCES



INTERNATIONAL **STUDENTS** 

1100+



**UNDERGRADUATES** (DOMESTIC STUDENTS)

16000+

**FULL-TIME GRADUATE STUDENTS** 

10000+



**CAMPUS COVER AREA** 

140.30 MILLION SQUARE METERS

**BUILDING AREA** 

113.76 MILLION SQUARE METERS

# **COLLEGE OF** SHIPBUILDING ENGINEERING



College of Shipbuilding Engineering was founded in 1953. At present, it has become an important base for scientific research and talent training in China's shipbuilding industry, marine equipment, and marine development.

In 2017, the discipline of Ship and Ocean Engineering was selected as a "double first-class" discipline. It was rated A+ and ranked first in the 4th round of discipline evaluation by the Ministry of Education. The discipline was rated as "one of the most competent disciplines in this field in the world" by the international evaluation.





The college has 145 full-time teachers, 64 doctoral supervisors and 122 postgraduate supervisors.



In the past five years, the college has received 240 million yuan annually for scientific research.

More than **60** monographs and textbooks.



Teachers and students have published more than 2000 academic papers.

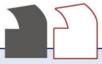


Over 50 scientific research achievements have won national, provincial, and ministerial awards.

The college has longstanding relationships with more than 30 universities and more than 10 scientific research institutions in the United States, Britain, Norway, Germany, Portugal, Russia, among others.



#### **PROGRAMS OFFERED**





#### **Bachelor's Degree Programs:**

- · Naval Architecture and Ocean Engineering
- · Port Channel and Coastal Engineering
- · Marine Robot



#### **Doctoral Degree Programs:**

- · Naval Architecture and Ocean Engineering
- · Mechanics
- · Machine (Professional Degree)



#### Master's Degree Programs:

- · Naval Architecture and Ocean Engineering
- · Mechanics
- · Hydraulic Engineering
- · Civil and Hydraulic Engineering (Professional Degree)



#### PostDoctoral Research Field:

· Naval Architecture and Ocean Engineering

### **COLLEGE OF AEROSPACE AND CIVIL ENGINEERING**







The college has 114 full-time teachers and 30 doctoral supervisors



In the past five years, the scientific research funds of the College has steadily grown, with 180 million yuan of funds received.



The college has published more than 600 papers (including 417 SCI papers).



Won more than 60 NSFC projects. 2 NSFC key projects.

2 international cooperation funds.



10 scientific research awards.

The college has close cooperation and exchanges with more than 10 international universities in Britain, Japan, Singapore, Australia, the United States, Germany, among others. The joint education project of the college and the Civil Engineering Specialty of University of Aberdeen in the United Kingdom has been running steadily.



College of Aerospace and Civil Engineering was founded in 1958 and has become an important base for scientific research and talent training in the fields of aerospace, civil engineering, and marine engineering in China. The discipline of mechanics has entered the top 30% in the 4th round of discipline evaluation by the Ministry of Education.



#### **PROGRAMS OFFERED**



#### **Bachelor's Degree Programs:**

- **Engineering Mechanics**
- · Civil Engineering
- · Aircraft Design and Engineering
- · Aircraft Power Engineering



#### **Master's Degree Programs:**

- Mechanics
- · Civil Engineering
- · Aeronautical and Astronautical Science and Technology
- · Civil and Hydraulic Engineering (Professional Degree)
- · Machine (Professional Degree)



#### **Doctoral Degree Programs:**

Mechanics



#### PostDoctoral Research Field:

Mechanics

# COLLEGE OF POWER AND ENERGY ENGINEERING



#### INTRODUCTION

College of Power and Energy Engineering was founded in 1953 After nearly 70 years of construction and development, it has become the cradle of China's first-class innovative talents in ship power and an important base for scientific research. The Marine Engineering has passed the certification of IMarEST---Institute of Marine Engineers.



#### **PROGRAMS OFFERED**



#### **Bachelor's Degree Programs:**

- · Energy and Power Engineering
- · Marine Engine Engineering



#### Master's Degree Programs:

- · Power Engineering and Engineering Thermophysics
- · Marine Engine Engineering
- · Power and Energy (Professional Degree)



#### **Doctoral Degree Programs:**

- · Power Engineering and Engineering Thermophysics
- · Marine Engine Engineering
- · Power and Energy (Professional Degree)
- · Machine (Professional Degree)



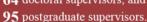
#### PostDoctoral Research Field:

- · Naval Architecture and Ocean Engineering
- · Power Engineering and Engineering Thermophysics





The college has **103** full-time teachers, **64** doctoral supervisors, and





The college is strong in scientific research, and its research level in the fields of marine internal combustion engine and intelligence, gas turbine and digital management, low carbon clean energy and efficient utilization, and marine power plant system design is at the leading level in China. Its annual scientific research funds rank among the forefront of similar disciplines in China.

The college has established good cooperative relations with over 20 international famous universities in Britain, the United States, Thailand, among others.



# COLLEGE OF INTELLIGENT SYSTEMS SCIENCE AND ENGINEERING





College of Intelligent Systems Science and Engineering was established in 1953, formerly known as the Hydrographic Survey and Navigation Equipment Teaching and Research Office, the Ship Electrical Equipment Teaching and Research Office, the Department of Automatic Control and the Institute of Automation, and finally became College of Intelligent Systems Science and Engineering in 2020. The discipline of "Control Science and Engineering" has among 10% of the national level in the 4<sup>th</sup> round of discipline evaluation by the Ministry of Education.



At present, the college has 187 full-time teachers, including 50 professors and 65 associate professors.



In the past five years, the college has undertaken more than **900** projects, including national key research and development plans, the National Natural Science Foundation of China, and international cooperation with the Ministry of Science and Technology, with a total of more than **1.7** billion yuan in scientific research funds.



The college has won 2 second place awards of the National Science and Technology Progress Award and 21 provincial and ministerial scientific research awards.

The college has carried out multi-level talent training and scientific research cooperation with many international top universities in Germany, Britain, Australia, Canada, Denmark, Belgium, among others.



### PROGRAMS OFFERED



#### **Bachelor's Degree Programs:**

- ·Automation
- · Measurement & Control Technology and Instrumentation
- · Electrical Engineering and Automation
- · Detection Guidance and Control Technology
- · Robot Engineering
- · Artificial Intelligence



#### **Doctoral Degree Programs:**

- · Control Science and Engineering
- · Instrument Science and Technology



#### **Master's Degree Programs:**

- · Control Science and Engineering
- · Instrument Science and Technology
- · Electrical Engineering
- · Electronic Information (Professional Degree)



#### PostDoctoral Research Field:

- · Control Science and Engineering
- · Instrument Science and Technology

## COLLEGE OF UNDERWATER **ACOUSTIC ENGINEERING**



College of Underwater Acoustic Engineering is the cradle of cultivating high-level underwater acoustic technicians and the source of new theories, technology, and methods of underwater acoustic technology. It originated from the first established sonar major in China in 1953. The discipline of underwater acoustic engineering ranks first in all previous discipline evaluations by the Ministry of Education. It is the first level discipline ship and ocean engineering to which underwater acoustic engineering belongs and ranked first in the 4th round of discipline evaluation by the Ministry of Education.



The college has 163 full-time teachers. Among them, there are two academicians of Chinese Academy of Engineering.



In 2020, the amount of newly signed scientific research contracts was nearly 500 million vuan

In 2021, the amount of scientific research funds received reached 315 million yuan, and the amount of scientific research funds per capita reached 1.93 million yuan.

The college focuses on international cooperation and exchange, and has established talent training and cooperative research relationships with many foreign universities and research institutions, such as France, Russia, Canada, Belgium, South Korea, Norway, Ukraine, Pakistan, among others. The College and the University of Southampton have started innovative talent exchange programs.

The college has successfully hosted international academic conferences such as the International Symposium on Acoustic Engineering and Technology, the International Symposium on Chinese Marine Acoustics, the Sino Russian Polar Acoustics and Information Technology Forum, the Sino Pakistan Marine Information Technology Seminar, and the International Forum on Marine Information. All have further enhanced the college's popularity and influence in the field of international underwater acoustic technology.





#### ROGRAMS OFFERED



#### **Bachelor's Degree Programs:**

- · Underwater Acoustics Engineering Electronic Information
- · Engineering (Underwater Acoustics)
- · Marine information engineering



#### **Master's Degree Programs:**

- · Underwater Acoustics Engineering
- · Information and Communication Engineering
- ·Acoustics
- · Marine Information Science and Engineering
- · Electronic Information (Professional Degree)
- · Machine (Professional Degree)



#### **Doctoral Degree Programs:**

- · Naval Architecture and Ocean Engineering
- · Information and Communication Engineering



#### PostDoctoral Research Field:

- · Naval Architecture and Ocean Engineering
- · Information and Communication Engineering

# **COLLEGE OF COMPUTER SCIENCE AND TECHNOLOGY**





College of Computer Science and Technology was founded in 1953. HEU is one of the first units to establish computer science discipline and specialty in China. In 2001, College of Computer Science and Technology was officially established. In the 4th round of discipline evaluation by the Ministry of Education in 2017, the first level disciplines of computer science and technology entered the top 20% in China. The first level discipline Software Engineering of the College has entered the top 30% of China.



The college now has 99 full-time teachers, 22 doctoral supervisors, and 56 postgraduate supervisors.



Since the "13th Five Year Plan", the college has received more than 100 million yuan of scientific research funds.



The college has Published 152 academic papers indexed by SCI and 415 academic papers indexed by EL.



The college has Obtained more than 200 national authorized invention patents. Some of the achievements have been transformed into products, resulting in great social and economic benefits

The College has signed joint undergraduate and postgraduate collaboration programs for long-term and short-term study abroad and intercollegiate exchanges with many world famous universities such as University of Sydney, University of Kent. In recent years, more than 100 students have been sent to different universities in different parts of the world such as the United Kingdom, the United States, and Australia.







#### **Bachelor's Degree Programs:**

- · Computer Science and Technology
- · Information Security
- · Software Engineering



#### Master's Degree Programs:

- · Computer Science and Technology
- · Software Engineering
- · Electronic Information(Professional Degree)



#### **Doctoral Degree Programs:**

- · Computer Science and Technology
- · Network Security Technology and Engineering
- · Software Engineering
- · Electronic Information (Professional Degree)



#### PostDoctoral Research Field:

· Computer Science and Technology

# **COLLEGE OF MECHANICAL AND ELECTRICAL ENGINEERING**



#### INTRODUCTION

College of Mechanical and Electrical Engineering, formerly known as the Department of Mechanical and Electrical Engineering, was established in 1996. It has Smart Manufacturing Engineering Department, Mechanical and Electronic Engineering Department, Machine Design and Automation Department, Industrial Design Department and other teaching and research institutions.





There are 95 full-time teachers and 32 doctoral supervisors.



Scientific research funds have exceeded 150 million yuan



The college has won 1 second prize of National Science and Technology Progress Award and 13 provincial and ministerial science and technology awards.



In the past five years, the college has undertaken more than 220 scientific research projects, including more than 40 national key research and development plans, key projects of the National Natural Science Foundation of China and other projects.



**406** papers were published in SCI

17 highly cited papers

**611** papers in EI



**320** invention patents were authorized,

15 patents were transformed, and 38 monographs and textbooks were published.



#### PROGRAMS OFFERED



#### **Bachelor's Degree Programs:**

- Machine Design & Manufacturing and Their Automation
- ·Smart manufacturing engineering
- · Industrial Design



#### **Doctoral Degree Programs:**

- · Mechanical Engineering
- · Machine (Professional Degree)



#### Master's Degree Programs:

- · Mechanical Engineering
- · Machine (Professional Degree)
- ·Science of Design



#### PostDoctoral Research Field:

· Mechanical Engineering

## **COLLEGE OF INFORMATION** AND COMMUNICATION ENGINEERING





Established in 1953, College of Information and Communication Engineering originates from the Basic Electrical Engineering Teaching and Research Office and the Department of Electronic Engineering. In 1979, it became the Electronic Engineering Department of Harbin College of Shipbuilding Engineering. In 2001, the Institute of Information and Communication Engineering was established. In the 4<sup>th</sup> round of discipline evaluation by the Ministry of Education, the first-class disciplines of information and communication engineering entered the top 30% of the country.



#### **PROGRAMS OFFERED**



#### ➢ Bachelor's Degree Programs:

- Electronic Information Engineering
- · Communication Engineering



#### Master's Degree Programs:

- · Electronics Science and Technology
- · Information and Communication Engineering
- · Electronic Information (Professional Degree)



#### **Doctoral Degree Programs:**

Information and Communication Engineering



#### PostDoctoral Research Field:

· Information and Communication Engineering



The college has 139 teaching staff and 107 full-time teachers.



The number of teachers with doctoral degrees accounts for 82.2% of the total number of full-time teachers.



There are 25 professors and 53 associate



**39** doctoral supervisors and **93** postgraduate supervisors.



As of April 2022,

there are more 2000 students and nearly **20** post doctoral researchers.



# **COLLEGE OF MATERIALS SCIENCE AND CHEMICAL ENGINEERING**



#### INTRODUCTION

College of Materials Science and Chemical Engineering was founded in June 2006. Its predecessor is the Metal Material Heat Treatment Teaching and Research Office established in 1978 and the Chemistry Teaching and Research Office established in 1979. After more than ten years of development and construction, the college has made outstanding achievements in the field of applied research and has become one of the important colleges supporting the basic research of the university.



The college has 166 teaching staff, 92 teachers with senior professional titles and 73 doctoral supervisors.



In the past five years, the college has taken the lead in undertaking 4 national key research and development plans, more than 50 National Natural Funds, and more than 140 provincial and ministerial projects, such as high-tech ship projects. The college has an annual average research fund of more than 50 million yuan.



The college has won more than 10 provincial and ministerial awards, including 5 first prizes of science and technology in Heilongjiang Province Award.



In recent years, the college has published more than 800 SCI retrieval papers in top international journals such as Science, Nature Communications, Chemical Reviews, Advanced Materials, Angelwandte, among others



The three disciplines of chemistry, material science, and engineering have entered the top 1% of ESI in the world, among which the discipline of materials has entered the top 200.

The college has extensively strengthened and expanded international academic exchanges and cooperation, which further accelerates the high-level international running process of the college. It has established substantial scientific and technological cooperation in talent training and exchange relations with many well-known foreign universities, research institutions, or companies in Japan, the United States, the United Kingdom, and so on.



#### **PROGRAMS OFFERED**





#### **Bachelor's Degree Programs:**

- · Chemical engineering and process
- · Material Science & Engineering
- · Nuclear Chemical Engineering and Nuclear
- · Fuel Engineering



#### **Doctoral Degree Programs:**

- · Material Science & Engineering
- · Biomedical Materials and Engineering



#### Master's Degree Programs:

- · Material Science & Engineering
- · Medical Materials and Engineering
- · Chemical Engineering and Technology
- · Environmental Science and Engineering
- · Biomedical Engineering
- · Materials and Chemistry (Professional Degree)



#### PostDoctoral Research Field:

- · Material Science & Engineering
- · Biomedical Materials and Engineering

## **COLLEGE OF NUCLEAR SCIENCE AND TECHNOLOGY**



#### INTRODUCTION

College of Nuclear Science and Technology, formerly known as the Atomic Energy Major and the Nuclear Power Plant Major, began to recruit students in 1958. On December 12, 2005, China's first nuclear science and technology institute was established, and the development idea of "internationalization, openness, research and high level" was established.



The college has 73 full-time teachers. Including 51 with middle and senior professional titles



21 doctoral supervisors 51 master's supervisors

The college has reached agreements on cooperation and exchange of students with international well-known universities and institutions in the field of nuclear energy, such as International Atomic Energy Agency, University of Michigan in the United States, University of Tennessee in the United States, IMT Atlantique in France, Technical University of Munich in Germany, and Polytechnic University of Milan in Italy, which provides students with conditions for overseas academic exchange, study for a degree and international cooperative research.



#### **PROGRAMS OFFERED**



#### **Bachelor's Degree Programs:**

- Nuclear Engineering and Technology
- · Nuclear Chemical Engineering and Nuclear Fuel Engineering



#### Master's Degree Programs:

- · Nuclear Science and Technology
- · Power and Energy (Professional Degree)



#### **Doctoral Degree Programs:**

- · Nuclear Science and Technology
- · Power and Energy (Professional Degree)



#### PostDoctoral Research Field:

· Nuclear Science and Technology



# **COLLEGE OF PHYSICS AND OPTOELECTRONIC ENGINEERING**



#### INTRODUCTION

College of Physics and Optoelectronic Engineering was developed from the Physics Professors Association established in 1953. After the Basic Department, the Physics Department and the College of Science, the College of Physics and Optoelectronic Engineering was officially established in January 2019. The college has the key laboratory of the Ministry of Education of "fiber integrated optics", the key laboratory of "optical fiber sensing science and technology" in Heilongjiang Province, and the national experimental teaching demonstration center of "university physics experiment".



At present, the college has 116 teaching staff (including Yantai Qingdao), 103 teachers, **54** teachers with senior professional titles (**25** professors, **29** associate professors)



25 doctoral supervisors 68 master's supervisors

19 provincial and ministerial awards.



In recent years, the college has undertaken more than 200 national, provincial and ministerial projects, and received 86.206 million yuan for scientific research.



710 high-level papers were published in SCI, 701 in EI,

392 patents were applied and 295 invention patents were authorized.

Adhering to international and open policy education, the college has established a good and stable cooperative relationship with many world-renowned universities, research institutions, international organizations and enterprises, including University of California Berkeley in the USA, University of Southampton in Britain, University of Sydney in Australia, and Surunari University in Thailand.



#### **PROGRAMS OFFERED**





#### **Bachelor's Degree Programs:**

- Optoelectronic Information Science and Engineering
- · Applied Physics



#### **Doctoral Degree Programs:**

· Optical Engineering



#### **Master's Degree Programs:**

- · Optical Engineering
- ·Physics
- · Electronic Information (Professional Degree)
- · Optics



#### PostDoctoral Research Field:

· Optical Engineering

## **COLLEGE OF MATHEMATICAL SCIENCES**





The predecessor of College of Mathematical Sciences is the Mathematics Teaching and Research Office, which was founded in 1953. Lu Qingjun, Sun Benwang, Dai Yishan and other mathematicians have taught here. After years of construction, the school has five major disciplines, including "algebra, partial differential equation theory, combinatorial mathematics and graph theory, ship and ocean applied mathematics, and data science".





In the past five years, it has won 26 National Natural Science Foun projects, 2 provincial and ministerial science and technology awards.



14 professors and 24 associate professors.



10 doctoral supervisors and 27 master's supervisors



Received more than 18 million yuan in scientific research.



The college has undertaken more than 20 science and engineering integration projects of "ship building, ocean development, naval equipment and nuclear power application"



In the past five years, the faculty of the college has guided the students of the school to win more than 2000provincial and above awards in various international and domestic college students mathematical modeling competitions, mathematical competitions for college students and other mathematical disciplines. In 2021, the faculty has guided students to win the "Huawei Special Award" in mathematical modeling competitions (only 10 in China).



#### ROGRAMS OFFERED



#### **Bachelor's Degree Programs:**

· Mathematics and Applied Mathematics



#### **Master's Degree Programs:**

· Mathematics



### Doctoral Degree Programs:

· Mathematics

# SCHOOL OF ECONOMICS AND **MANAGEMENT**



School of Economics and Management is one of the first secondary colleges established by the University. It originated from the Department of Management Engineering in 1985 and was established in 1996. After more than 30 years of development, a relatively complete discipline system has been established. The discipline of management science and engineering has entered the top 30% in the 4th round of discipline evaluation by the Ministry of Education.



The school has 132 teaching staff, including 100 full-time teachers.



33 professors, and 38 associate professors.



At present, there are 35 doctoral supervisors and 78 postgraduate supervisors.

The school has been active in foreign cooperation, signing Joint education agreements or closely maintains cooperation with more than 20 universities, such as the California Institute of Technology, the University of Strathclyde in the United Kingdom, and University of Technology Sydney in Australia. All carry out extensive cooperation in teaching, scientific research, and academic exchanges. Students have the opportunity to study and exchange in famous universities in the United States, Britain, Australia, and other countries and regions.





### PROGRAMS OFFERED



#### **Bachelor's Degree Programs:**

- · Finance and Banking
- · Business Administration
- · Electronic Commerce



#### **Master's Degree Programs:**

- · Management Science and Engineering
- · Business Administration
- · Applied Economics
- · Public Management



#### **Doctoral Degree Programs:**

· Management Science and Engineering



#### PostDoctoral Research Field:

· Management Science and Engineering





The School of Foreign Studies can be traced back to the Foreign Language Teaching and Research Section of the Basic Department, which was established in 1953. The school not only carries out the talent training of English major undergraduates and postgraduates, but also undertakes the teaching task of public foreign languages (including English, Russian, Japanese, German and French) for undergraduates, masters and doctoral students.



**52** teachers with senior professional titles.

4 guest professors

**6** part-time professors.

6 foreign teachers.

202 undergraduate students.

118 graduate students.

The school has actively carried out international exchanges and cooperation, and has established cooperative relations with many well-known universities abroad. There are students going to the University of California San Diego, the University of Wisconsin Madison, the University of Auckland in New Zealand, Dankook University, Chungbuk National University and University of Malaya in Malaysia for intercollegiate exchanges every year.





#### **PROGRAMS OFFERED**



**Bachelor's Degree Programs:** 

English



#### **Master's Degree Programs:**

- · Foreign Languages and Literatures
- · English Translation (Professional Degree)

# 15 COLLEGE OF **HUMANITIES AND SOCIAL SCIENCES**

#### INTRODUCTION

College of Humanities and Social Sciences formerly known as the Marxist Leninist Teaching and Research Office. It was named the Department of Social Sciences in the 1980s and the Department of Social Sciences in the 1990s. College of Humanities and Social Sciences was established in 2001.



The college has 66 teaching staff



14 full-time professors





8 doctoral supervisors

46 graduate supervisors

The college has established a good and stable cooperative relationship with well-known universities at home and abroad, such as the University of California Berkeley, and the University of California San Diego. It has hosted and undertaken international and national academic conferences for many times, and the school has invited more than 100 well-known persontime at home and abroad to exchange and deliver lectures for more than 100 people.



#### **PROGRAMS OFFERED**





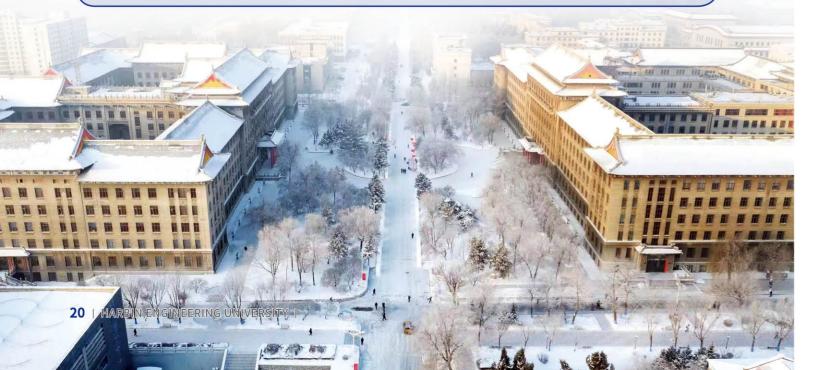
#### **Bachelor's Degree Programs:**

- ·Sociology ·Law



#### **Master's Degree Programs:**

- ·Sociology
- · Master of Social Work (Professional Degree)
- · Applied Psychology
- · Juris Master ( Professional Degree )









College of Marxism originated from the Marxist Leninist Teaching and Research Office, one of the first to establish the ideological and political education specialty in China. The College has undergone nearly 70 years of development. Now has Department of Ideological and Political Education, Research and teaching Center of Xi Jinping Thought on Socialism with Chinese Characteristics for a New Era, Research and teaching Center of Marxism Fundamental Principles, Research and teaching Center of Mao Zedong Thought and Theoretical System of Socialism with Chinese Characteristics, Teaching and Research Center for Outline of Modern Chinese History, Teaching and Research Center for Ideological and Moral Education and Rule of Law, Teaching and Research Center for Situation and Policy.



The college has 76 teaching staff and 66 full-time teachers.



12 professors, 26 associate professors



In recent years, the teachers have published more than 160 academic papers in national important media, CSSCI source journals and core journals of Peking University, some of which have been reprinted by authoritative journals such as Xinhua Digest for many times, and more than 20 academic monographs have been published.



The college has 1 key research base of humanities and social sciences in Heilongjiang Province.



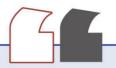
25 lecturers and 3 teaching assistants



The college has won more than 10 National Social Science Fund Projects, more than 40 provincial and ministerial projects, national first-class courses, the first prize of Heilongjiang teaching achievements and other provincial and ministerial scientific research



More than 6 million yuan has been allocated for scientific research.





#### PROGRAMS OFFERED



**Bachelor's Degree Programs:** 

· Ideological and Political Education



Master's Degree **Programs:** 

· Marxist Theory



**Doctoral Degree Programs:** 

· Marxist Theory





The Joint Institute at Harbin Engineering University was founded in May 2020. The institute is the first Sino British cooperative education institutions with marine characteristics approved by the Ministry of Education of China.



The Joint Institute carries out undergraduate education and adopts the "4+0" training mode, in addition, it awards dual student status in China and Britain.



Through international courses, small class training, full English teaching, seminar teaching, formative assessment, and full quality control.



Students can obtain the undergraduate diploma, bachelor's degree certificate of Harbin Engineering University and that of University of Southampton.

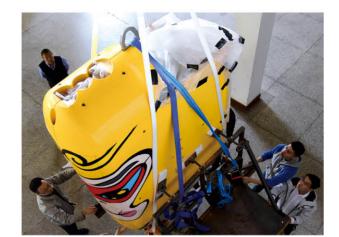




#### **Bachelor's Degree Programs:**

- · Naval Architecture and Ocean Engineering
- · Marine Engineering
- ·Automation
- · Underwater Acoustics Engineering

The Joint Institute is an alliance between Harbin Engineering University and the University of Southampton in the field of marine equipment and science and technology. The two parties learn from each other's advanced education concepts, create a first-class faculty, innovate the talent training mode and management mechanism. Both two sides are to open a new chapter in education and science and technology cooperation between Chinese and British universities in the marine field under the comprehensive strategic partnership of "Smart Ocean".





The School explores the rules of interdisciplinary integration of disciplines and specialties in the marine field on marine intelligent perception, marine big data, marine intelligent systems, etc.



The talent cultivation adheres to the integration of science and education, production and education, and international cooperation.



The "three system reform" of flexible credit system, multi-dimensional tutorial system and academy system for talent training is used to explore the training mode of future science and technology leading talents of Smart Ocean.

# SCHOOL OF FUTURE TECHNOLOGY



School of Future Technology was founded in 2021. It is an innovative measure of the university's talent training reform. The school aims to cultivate leading scientific and technological talents who will lead the future technological development of the sea. The school bases itself on the marine advantageous characteristic disciplines, combines basic and applied disciplines, and adheres to the student center and ability orientation.





#### **Bachelor's Degree Programs:**

- · Smart Ocean Technology
- · Artificial Intelligence
- · Marine Information Engineering
- · Marine Robot
- · Robot Engineering



# 19 COLLEGE OF INTERNATIONAL **COOPERATIVE EDUCATION**

#### INTRODUCTION

College of International Cooperative Education (CICE in short) adheres to the education philosophy "integrate quality education resources, introduces advanced education conceptions, creates excellent teaching content, achieves standard and scientific management, cultivates students with high intellect and ethics", and concentrates on teaching management, language training, textbook selection and teacher training. CICE has formed a proficient high level teaching faculty and a management team with rich experience in cooperative education, a rigorous and practical working attitude and pioneering and creative ideas.



In the past five years, CICE has cultivated 5600+ international students from over 100 countries.



CICE adheres to people-oriented conceptions and focuses on improving teaching of Chinese as a foreign language by offering different levels and mini classes.



International student apartments have a rich variety of infrastructures such as kitchen, bathroom, TV, refrigerator, washing machine, telephone and access to Internet. There is a minisupermarket and western restaurant as well.







CICE has carried out cultural exchanges and undertaken teaching programs for degree courses, as well as language training and short-term exchange with universities in Japan, Korea, Russia, Nepal, Pakistan and Thailand.

### PROGRAMS OFFERED



#### **Bachelor's Degree Programs:**

·Chinese Language and Literature



#### **Training Program:**

·Chinese Language



### **APPLICATION GUIDE**

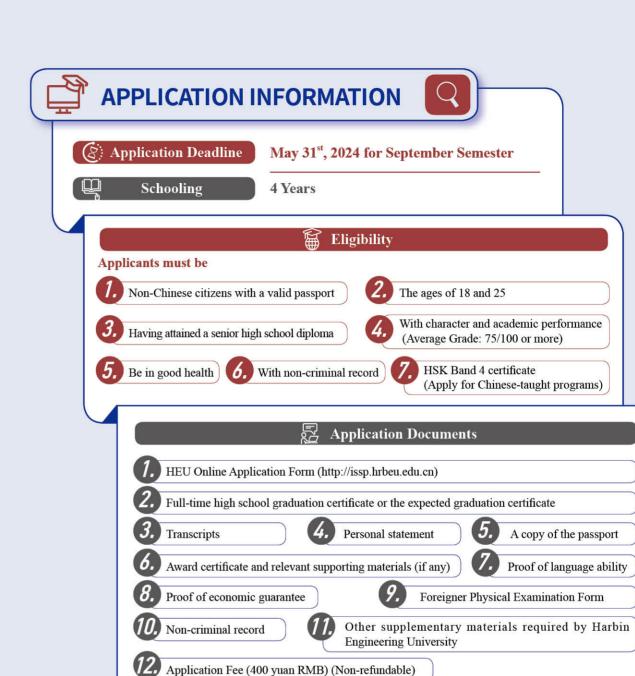


### BACHELOR PROGRAMS





Category	Programs	College	Taught in Chinese	Taught in English
	Naval Architecture and Ocean Engineering	College of Shipbuilding Eng.	•	•
	Civil Engineering	College of Aerospace & Civil Eng.	•	
	Thermal Energy and Power Engineering	College Power and Energy	•	
	Marine Engineering	Eng.	•	
	Electrical Engineering and Automation College of Intelligent System		•	
	Artificial Intelligence	Sci & Tech.		•
<b>Engineering</b>	Underwater Acoustics Engineering	College of Underwater Acoustics Eng	•	
	Computer Science and Technology College of Computer Sci. &			8
	Software Engineering	Tach		
	Machine Design & Manufacturing and College of Mechanical & Electrical Eng.			
	Telecommunications Engineering College of Information and Communication Eng.			John T
	Chemical Engineering and Technology  College of Material Sciences and Chemical Eng.			133
Ce.				
	Nuclear Engineering and Technology	College of Nuclear Sci. & Tech.		
Sciences	Mathematics and Applied Mathematics	College of Mathematical Sciences		
Sciences	Applied Physics	College of Physics and Opto-electronic Eng.		
	Business Administration			
	Finance and Banking	School of Economics and Management		Harry.
Humanities and Social Sciences	Economics		•	7
	Public Utilities Management		•	
	Electronic Commerce		•	
	Law	College of Humanities and Social Sciences	•	
	Chinese Language and Literature	College of International Cooperative Education	•	



Note: Applicants under the age of 18 by September 1, 2024 need to submit (1) Guardian Guarantee (download). The guardian must be an adult living in Harbin;

(2) A notarized letter of authorization of the guardian entrusted by the applicant's parents.

1.If you are accepted by HEU, HEU will send you an 'HEU Admission Admission Notice' and 'Visa Application for Study in China' (JW201/202 form). With both documents, applicants can apply for an X visa (student visa) in the local Chinese Embassy/Consulate.

2. Please register at HEU in time with Original Physical Examination certificate and 'HEU Admission Notice', 'Visa Application for Study in China'.

( Registration The exact duration will be informed on the "HEU Admission Notice".

Chinese Language Major 16000yuan RMB per year Taught in Tuition Fee Other Majors 17000yuan RMB per year Taught in Specific Majors 22000yuan RMB per year English

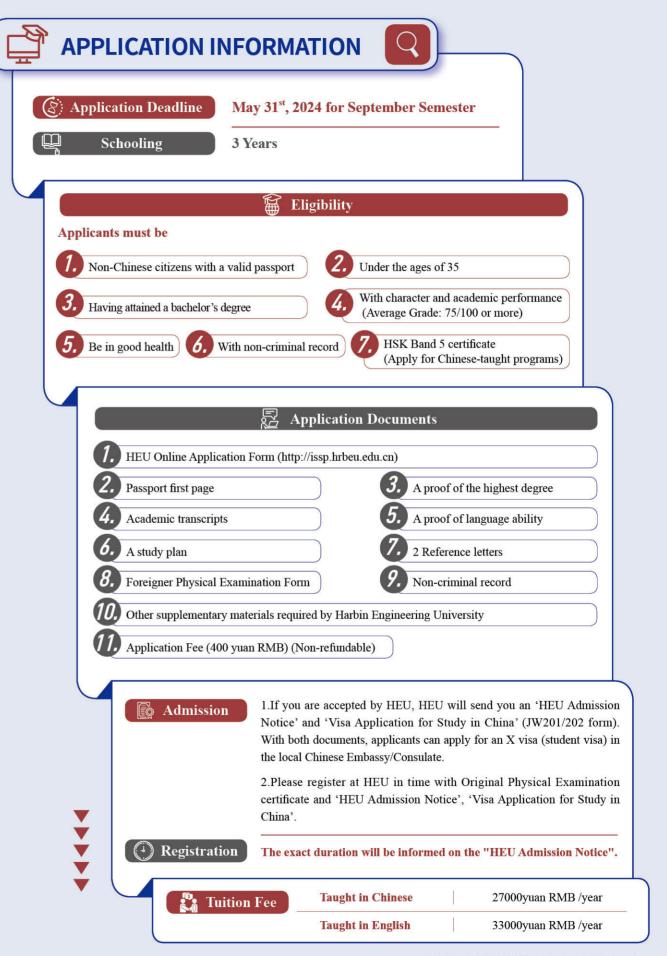
### X.

### **MASTER PROGRAMS**





Category	Programs (Research Fields)	College	Taught in Chinese	Taught in English
	Design and Construction of Naval Architecture and Ocean Structure	College of Shipbuilding Eng.	•	٠
	Mechanics (Fluid Mechanics)		•	•
	Civil Engineering College of Aerospace & Civil		•	•
	Mechanics	Eng.	•	•
	Power Engineering and Engineering Thermophysics College Power and Energy		•	•
	Marine Engine Engineering	Eng.	•	•
	Control Science and Engineering	ntrol Science and Engineering College of Intelligent System		•
	Electrical Engineering	Sci & Tech.	•	•
Engineering	Underwater Acoustics Engineering	Callery of the demonstra	•	•
	Information and Communication Engineering(Acoustics)	College of Underwater Acoustic Eng.	•	•
	Computer Science and Technology	College of Computer Sci. & Tech.	•	
	Mechanical Engineering	College of Mechanical & Electrical Eng.	•	•
	Information and Communication Engineering Communication Engineering Communication Engineering		•	•
	Chemical Engineering and Technology	College of Material Sciences	•	•
	Materials Science and Engineering	and Chemical Eng.	•	•
	Optical Engineering	College of Physics and Opto-electronic Eng.	•	•
	Power and Energy (Nuclear Energy Engineering)	College of Nuclear Sci. & Tech.	•	•
Sciences	Mathematics	College of Mathematical Sciences	•	•
Humanities and Social Science	Management Science and Engineering		•	
	Applied Economics	School of Economics and	•	
	Business Administration	Management	•	i.
	Public Management		•	144
	Physical Education&Training	Physical Education Department	•	i par
	Marxist Theory	College of Marxism		The same of the sa

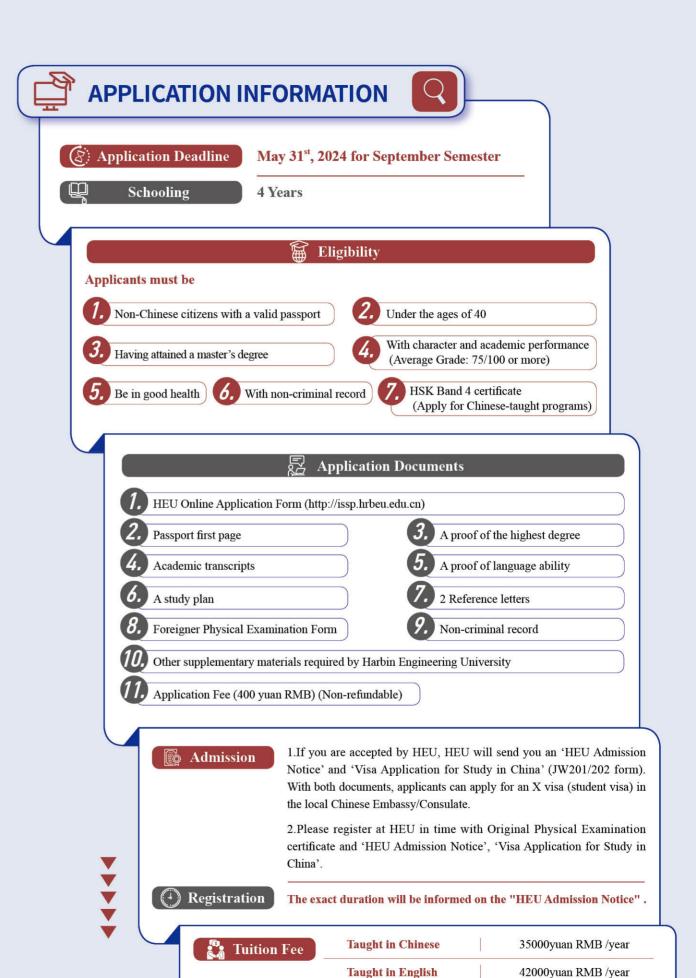


### DOCTORAL PROGRAMS





Category	Programs (Research Fields)	College	Taught in Chinese	Taught in English	
	Design and Construction of Naval Architecture and Ocean Structure	College of Shipbuilding Eng.	•		
	Mechanics (Fluid Mechanics)	Conege of Shipbunding Eng.	•	•	
	Mechanics	College of Aerospace & Civil Eng.	•	25.	
	Power Engineering and Engineering Thermophysics	College Power and Energy Eng.	•	, •	
1	Marine Engine Engineering	conege rower and Energy Eng.	•	3.	
Just	Control Science and Engineering	College of Intelligent System Sci & Tech.	•		
	Underwater Acoustics Engineering	College of Underwater Acoustics	•	11.	
Engineering	Information and Communication Engineering (Acoustics)	Eng.	•	• 1	alle."
	Computer Science and Technology	College of Computer Sci. & Tech.			1
	Mechanical Engineering	College of Mechanical & Electrical Eng.		•	
	Information and Communication Engineering	College of Information and Communication Eng.	•	•	
	Materials Science and Engineering	College of Material Sciences and Chemical Eng.	•		1
	Optical Engineering	College of Physics and Opto- electronic Eng.			
	Nuclear Science and Technology	College of Nuclear Sci. & Tech.	•		A Z
Sciences	Mathematics	College of Mathematical Sciences	•	•	2/
Humanities and Social Science	Management Science and Engineering	School of Economics and Management			







#### Equally enjoy services and facilities

Classrooms

Laboratories

Libraries

Cultural and sports facilities

Psychological counseling

The educational resources of HEU are available to international students

Qingdao Innovation and Development Base

> Yantai Research Institute

Nanhai Research Institute

### CLASSROOMS AND LABORATORIES

The places such as public teaching, Internship practice and Open scientific research tasks Are all accessible to international students



THE TOTAL AREA OF PUBLIC CLASSROOMS IN THE SCHOOL IS

79339 SQUAR METER

THE TOTAL AREA OF THE LABORATORY IS

222418 SQUARE METERS

SCIENTIFIC RESEARCH INSTITUTIONS

40+

SCIENTIFIC RESEARCH AND TEACHING LABORATORIES

150 +

### The school has sufficient sports venues and complete fitness facilities

2 basketball courts

3 volleyball courts

1 swimming pool

THE WIDE-RANGING GYMNASIUM

**COVERS AN AREA OF** 

17 badminton courts

1 table tennis court

1 comprehensive

fitness venue

#### **OUTDOORS**

I GYM I

- 2 standard athletics fields with 400-meter plastic tracks
- 1 ice field of 3000 square meters in winter
- 4 standard artificial turf football fields
- 1 standard artificial turf rugby field







#### 26 BASKETBALL COURTS (INCLUDING 10 PLASTIC FIELDS AND 16 ASPHALT FIELDS)

7

Volleyball courts

Gateball court

Z Tennis courts 4

Equipment gymnastics areas

#### LIBRARY

THE TOTAL AREA OF THE LIBRARY IS

49,496 SQUARE METERS

THE TOTAL NUMBER OF BOOKS IS

7,463,800

PRINTED BOOKS

such as books, journals, dissertations, patents, etc.

It has **125** Chinese and foreign language databases such as SCI, EI, Elsevier, Springer, Wiley, IEL, CNKI, etc.

**86,700** full-text electronic journals in Chinese and foreign languages

**4,727,300** electronic books in Chinese and foreign languages

More than 12,996,000 dissertations in Chinese and foreign languages

The school library has a variety of papers and digital literature resources



#### I DINNING I

High, medium and low-grade dishes, taking into account some special dish windows

REGULAR CANTEENS

29582 SQUARE METERS

Which can meet the dining needs of ethnic minority teachers and students

ETHNIC RESTAURANT WITH A TOTAL AREA
OF ABOUT

400 SQUARE
METERS



The school restaurant contains regional characteristics, ethnic characteristics and cultural characteristics, and the restaurant environment is beautiful and the dishes are amazing, providing a dining and cultural space integrating dining, communication and leisure for international students in China. In addition to the school's diversified canteens, there is a common kitchen on each floor of the international student dormitory, and students can cook by themselves, fully meeting the diversified and differentiated needs of students' diet.

#### DORMITORY/LIVING FACILITY |

FOREIGN STUDENT
APARTMENTS FOR
INTERNATIONAL STUDENTS

13 FLOORS

THE TOTAL AREA OF THE APARTMENT IS 27,000 SQUARE METERS

710

913



Dormitory divided into single rooms, double rooms, bunk beds, one-bedroom for international students, one-bedroom for experts, two-bedroom for experts, etc., fully meets the needs of different international students.



All rooms have attached washroom



A public kitchen on each floor



Student Library meeting area activity room



 $\overline{\circ}$ 

Laundry room

on each floor

Apartment supermarket etc.functional areas

For more information about this apartment Please contact +86-451-82589366 or heucice@hrbeu.edu.cn.

### ROOM CONDITION



#### Details of accommodation and other fees are available:

http://studyheu.hrbeu.edu.cn/2020/1005/c6375a256232/page.htm









Students admitted to HEU should apply for an 'X1' visa at the Chinese Embassy/Consulate in your home country with your admission letter and JW201/202 form. The X1 visa will only be valid for 30 days after arrival in China. Within these 30 days, international students must come to the International Students Division and apply for a Residence Permit in order to obtain a legal status in China.



Chinese Ministry of Education regulations require that all international students must be medically insured throughout their entire planned period of study. Students are required to purchase the Comprehensive Insurance Plan for Foreign Students online before or on the day of registration.

Students who do not have valid medical insurance are not allowed to register.



**Account Number:** 3500040709008802226

Bill Receiver: HARBIN ENGINEERING UNIVERSITY

The Bank Address:

INDUSTRIAL AND COMMERCIAL BANK OF CHINA SENRONG BRANCH SUB XUANQIAO BRANCH SWIFT CODE: ICBKCNBJHLJ

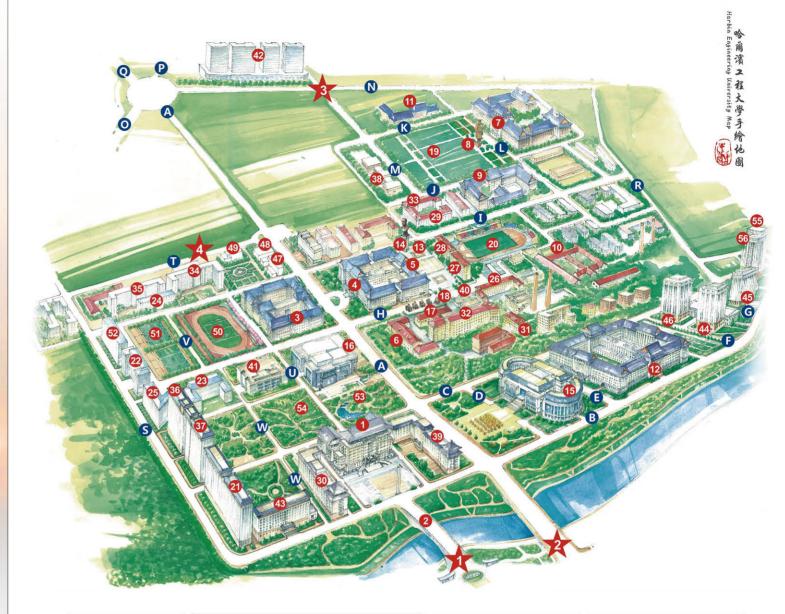
Please write down "your name + application number" at the part of REMARK or NOTE.

## **SCHOLARSHIPS**





Name	Type	Level	Recommended Academic Majors	Coverage	Application Deadline
Atomic Energy Scholarship of	Туре В	Doctoral Degree Program	Nuclear Science and Technology		April 15 <sup>th</sup>
China		Master's Degree Program	Power and Energy		2024
Marine Scholarship of China	Type B	Doctoral Degree Program / Master's Degree Program	Design and Construction of Naval Architecture and Ocean Structure  Underwater Acoustics Engineering Information and Communication Engineering	Tuition fee	March 31 <sup>st</sup> 2024
	Type A (Bilateral program)	Doctoral Degree Program/ Master's Degree Program/ Bachelor's Degree Program	Design and Construction of Naval Architecture and Ocean Structure Power Engineering and	and living expenses	
Chinese Government Scholarship	Type B High-level Graduate Scholarship	Doctoral Degree Program / Master's Degree Program	Engineering Thermophysics Control Science and Engineering		February 15 <sup>th</sup> 2024
	Type B Silk-road Scholarship	Doctoral Degree Program / Master's Degree Program	Underwater Acoustics Engineering Optical Engineering		
International Chinese Language Teacher Scholarship	Full Scholarship	General Visiting / Bachelor's Degree Program	Chinese Language	Tuition fee and living expenses	May 31 <sup>st</sup> 2024
HEU International Student Scholarship	Full / First Prize / Second Prize Scholarship	Doctoral Degree Program/ Master's Degree Program/ Bachelor's Degree Program	No limit	Tuition fee and living expenses	May 31 <sup>st</sup> 2024



Wenmiao Street	★ School gate at Gongxue Bridge (Main Entrance) ② The North Stadium	Cafeteria Building II
B Linyi Road	★ School gate at Hongqi Street (East Gate)   ⑤ Foreign Expert and S	tudent   National University Science and
Juying Road	★ School gate at Nantong Street (North Gate)  Apartment Building	Technology Center
Xuehai Road	★ School gate at Huashan Street ② Student Dormitory B	uilding 2
Zhihai Road	Office Building     Student Dormitory B	uilding 3 College of Shipbuilding
Sushou Road	2 Gongxue Bridge Student Dormitory B	uilding 4 Engineering Building
Singhai Road	3 Building 11 Student Dormitory B	uilding 5 Gollege of Power and Energy
Shichang Road	3 Building 21 Student Dormitory B	uilding 6 Engineering Building
Chengeng Road	5 Building 21B	uilding 7 Gollege of Underwater Acoustic
O Donghai Road	3 Building 26 Student Dormitory B	uilding 8 Engineering Building
Xihai Road	7 Building 31 Student Dormitory B	uilding 9 Yifu Science and Technology
Beihai Road	3 Statue of Chen Geng 5 Student Dormitory B	uilding 10 Building
M Nanhai Road	3 Student Dormitory B	uilding 11 @ College of Science Building
Nantong Street	1 Building 42 Student Dormitory B	uilding 12
Xuanhua Street	1 Building 51 Student Dormitory B	uilding 13 60 The South Stadium
Nuanqiao Street	Building 61 Student Dormitory B	uilding 14
Yiman Street	Orekhov Square     Student Dormitory B	uilding 15 BEU Hospital
R Yanping Street	Statue of Orekhov     Student Dormitory B	uilding 16
S Chenggong Road	6 Library Student Dormitory B	uilding 17 63 The Stone Park
North Huashan Street	6 Qihang Activity Center 6 Gymnasium	69 Building 34 (A)
O Zhenghe Road	1 Memorial Hall of PLA Military Engineering Institute Basic Teaching	6 Building 35 (B)
▼ Jingshui Road	"Five Great Men of China" Statues     Laboratory Building	
Zhishui Road	1 Jungong Track and Field	