



哈尔滨工程大学  
Harbin Engineering University



WELCOME TO HEU

The Atomic Energy Scholarship  
Program of China

**PROSPECTUS**



## Program

The Atomic Energy Scholarship of China (AES) was jointly initiated by the China Atomic Energy Authority and the Ministry of Education of China in 2017. Harbin Engineering University was one of the institutions entrusted with the responsibility of cultivating high-level specialized technical and management personnel in emerging nuclear power countries through this program.

The program is responds to the demand of the international community by aiming to train applied nuclear power talents. It relies on an international talent training platform for nuclear disciplines and adopts a "diversified" and "dual-mentor" talent training model, establishing a collaborative education mechanism among the government, universities, and enterprises. With the technical cooperation projects with the International Atomic Energy Agency and references to the curricula of top international universities in nuclear engineering, Harbin Engineering University is promoting the construction of an international curriculum system and participating in the development of the "Nuclear Engineering Education Standards" of the International Atomic Energy Agency.







The university's nuclear engineering program was the first in China to pass the Engineering Education Accreditation and has since gained widespread international recognition for its talent training capability and level of nuclear science and engineering, thereby enjoying a good international reputation. The university has now become the largest domestic nuclear talent training base and the Nuclear Education and Training Center of the International Atomic Energy Agency, with unique resource advantages in the field of nuclear power talent training.

The Atomic Energy Scholarship Program offers degree courses, elective courses, comprehensive courses, and practical courses, providing opportunities for visiting and interning at Chinese nuclear power plants, institutes, and bases as part of its talent training program.



## Scholarship Capacity

- Master Program: max 30 students/year;
- PhD Program: max 15 students/year.

## Scholarship Duration

- Master Program: 3 years;
- PhD Program: 4 years;

The duration of the Atomic Energy Scholarship is determined at the time of admission and generally cannot be extended.

## Scholarship Coverage

- Tuition fees of 99,000-168,000 yuan and accommodation fees of 25,200-52,800 yuan are provided;
- Comprehensive medical insurance for international students in China is provided at 800 yuan/person/year;
- Living expenses are provided as follows:  
Master Program: 3,000 yuan/month;  
PhD Program: 3,500 yuan/month;
- International travel expenses, transportation fees, and living expenses for family members are not covered by the scholarship and must be self-funded.
- Food expenses and dormitory services (electricity, water and internet) should be covered by the applicants.

## HOW TO APPLY

### Eligibility:

- Applicants must be non-Chinese citizens who are committed to contributing to the nuclear energy industry and benefiting society, and must be in good health.
- Must apply for a graduate degree related to nuclear engineering.
- Must have the undergraduate or postgraduate educational background relating to Nuclear Energy Engineering, Mechanical Engineering, Energy, Chemical Engineering, or Physics etc.
- Must have good written and verbal communication skills in English.
- Education and age requirements for applicants:

For those pursuing a master's degree in China, they must have a bachelor's degree and be under the age of 35;

For those pursuing a doctoral degree in China, they must have a master's degree and be under the age of 40.

- Applicants with a background in nuclear or related fields will be given priority consideration.

### Application Time

from February 15 to April 15, 2024



## Application Documents

- China Government Scholarship online application system (<http://studyinchina.csc.edu.cn>)  
Please choose Type B and HEU agency number: 10217, and complete the online application and print out the Chinese Government Scholarship Application Form.  
Note: PhD program name: Nuclear Science and Technology;  
Master program name: Energy and Power (Nuclear Energy Engineering).
- Harbin Engineering University online application system (<http://issp.hrbeu.edu.cn>)  
Please complete the online application and print out the HEU International Student Application Form.
- The highest degree certificate notarized. If the applicant is a current student, a pre-graduation certificate issued by the school must be provided.
- Academic transcripts notarized (The applicants who apply for PhD program should submit undergraduate and postgraduate transcripts).
- Study plan, signed (template available for download at <http://studyheu.hrbeu.edu.cn>).
- Photocopy of the passport photo page.
- Photocopy of the "Foreigner Physical Examination Record".
- Two recommendation letters from professors or associate professors, signed.
- For applicants whose native language is not English, a language proficiency certificate of TOEFL (80 or above) or IELTS (5.5 or above) or the equivalent.
- If the applicant is employed, a certificate of employment from the employer must be submitted.
- Non-criminal record certificate.

### Note:

- Regardless of acceptance, the application materials will not be returned.
- Applicants who do not meet the eligibility requirements or who provide invalid application materials will not be accepted.
- If certain materials cannot be delivered due to special circumstances, please explain in a timely manner.
- Once it is discovered that an applicant has provided false materials or concealed relevant information in their application, the university has the right to suspend the scholarship.



## Assessment and Enrollment

Applicants who meet the scholarship requirements will be reviewed by Harbin Engineering University, the China Scholarship Council, and the Ministry of Education of China. Those who are admitted will be sent a Letter of Admission and a JW201 form.

- Scholarship recipients are not allowed to change the major or the duration of study stated in the Letter of Admission. Transfer to another major, school, or advisor is not permitted.
- The list of scholarship recipients will be posted on the website of the university (<http://studyheu.hrbeu.edu.cn>) before July 31st. The Letter of Admission and JW201 form will be sent to the student or relevant department.
- If a scholarship recipient fails to register before September 30th, the scholarship will be forfeited.

## Research Areas

- Nuclear safety and simulation
- Nuclear power plant performance and equipment
- Thermal-hydraulics of nuclear reactors
- Nuclear reactor physics
- Nuclear fuel cycle engineering
- Radiation detection and protection technology
- Nuclear engineering project management (Master only)

## Harbin Engineering University

Established in 1953, Harbin Engineering University (HEU) stands out as one of China's national key universities under the "211 Project." It has established a Graduate School approved by China's Ministry of Education, participated in the "National Superior Discipline Innovation Platform Project," and was among the first batch of universities included in the "Excellent Engineer Education and Training Program" and "Double First-class" initiatives.

HEU's primary focus is on science and engineering, complemented by balanced development in fields such as management and humanities. Notably, in China, the discipline of Naval Architecture and Ocean Engineering holds the top position, Nuclear Science and Technology ranks third, and Control Science and Engineering ranks sixth.

The university is committed to a high degree of openness and cooperation, emphasizing internationalization and globalization. It actively engages in international academic research, educational collaboration, and cultural exchanges, attracting high-quality educational talents from both domestic and international arenas. HEU conducts high-level international cooperation within the framework of laws and regulations, aiming to enhance the university's global influence and competitiveness. Currently, the campus hosts over 1,100 international students representing 90 countries worldwide.



## Contact Information

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**Admissions Website:**

HEU Homepage: <https://www.hrbeu.edu.cn>

International Student Admission Homepage: <http://studyheu.hrbeu.edu.cn>

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