



哈爾濱工程大學
HARBIN ENGINEERING UNIVERSITY



1495
UNIVERSITY OF
ABERDEEN

CIVIL ENGINEERING (B.ENG)

3+1 ENGLISH-TAUGHT JOINT PROGRAM

**HARBIN ENGINEERING UNIVERSITY
(HEU, CHINA)
&
UNIVERSITY OF ABERDEEN
(UoA, UK)**



INTRODUCTION

Harbin Engineering University (HEU) was established in 1953, with its main campus located near the Songhua River in Harbin, often referred to as the "Ice City" of northeastern China. HEU is one of the first institutions in China authorized to confer master's and doctoral degrees. It is also a member of the initial cohort of universities under the "211 Project" and one of the first national "Double First-Class" universities. HEU is ranked in the Best Chinese Universities Ranking by Shanghai Ranking Consultancy, a prestigious assessment based on the views of various stakeholders, including students, employers, academics, and industry professionals.

The College of Aerospace and Civil Engineering of HEU established in 1958. It has now evolved into a pivotal national base for scientific research and talent cultivation in marine engineering, aerospace and civil engineering domains. The college offers four undergraduate programs: Engineering Mechanics, Civil Engineering (including Chinese-Foreign Cooperation project), Aircraft Design and Engineering, and Aircraft Power Engineering. Among these, Engineering Mechanics, Civil Engineering, and Aircraft Power Engineering are recognized as National First-Class Undergraduate Program Construction Sites. Civil engineering is an engineering education accreditation major. The college has the authority to confer master's degrees in the first-level disciplines of Mechanics, Civil Engineering, and Aerospace Science and Technology, as well as engineering master's degrees in Civil and Hydraulic Engineering, and Mechanical Engineering. It also has the authority to confer doctoral degrees in the first-level discipline of Mechanics, and Mechanical Engineering. Moreover, the college has a postdoctoral research station in Mechanics.





NATIONAL AND PROVINCIAL FIRST-CLASS UNDERGRADUATE PROGRAM

- Engineering Mechanics
- **Civil Engineering**
- Aircraft Power Engineering



HEILONGJIANG PROVINCIAL KEY UNDERGRADUATE PROGRAM

- Engineering
- Aircraft Design and Engineering



FIRST-LEVEL DOCTORAL DEGREE AUTHORIZATION

- Mechanics



FIRST-LEVEL MASTER'S DEGREE AUTHORIZATION

- Mechanics
- **Civil Engineering**
- Aerospace Science & Technology



PROFESSIONAL MASTER'S DEGREE AUTHORIZATION

- **Civil Engineering and Hydraulics**
- Mechanical Engineering



KEY RESEARCH PLATFORMS

01

Experimental Teaching Demonstration Center for Mechanics & Engineering Technology, Ministry of Industry and Information Technology of the People's Republic of China

02

Key Laboratory of Advanced Ship Materials & Mechanics, Ministry of Industry and Information Technology of the People's Republic of China

03

Key Laboratory of Transmedia Technology for Navigation Vehicles, Ministry of Industry and Information Technology of the People's Republic of China

04

Heilongjiang Provincial Key Laboratory of Disaster Warning & Engineering Protection

05

Heilongjiang Provincial Key Laboratory of Advanced Composite Structures & Mechanics

INTRODUCTION TO THE UNIVERSITY OF ABERDEEN AND SCHOOL OF ENGINEERING

Founded in 1495 by William Elphinstone, Bishop of Aberdeen and Chancellor of Scotland, the University of Aberdeen is Scotland's third oldest and the UK's fifth oldest university. Established to serve the north-east of Scotland, today University of Aberdeen is a global presence in higher education. A dual focus on the region and the wider world is as important today as it was five centuries ago. Teaching at the University of Aberdeen is organized across 12 schools encompassing a broad range of disciplines. Undergraduate and postgraduate students benefit from being taught by academic staff who are active in research, many involved in international collaborations at the forefront of discovery in their respective discipline, focused on finding answers to the issues facing our society and economy today.

The University of Aberdeen's School of Engineering provides a modern and attractive environment for teaching and research. It is supported by excellent workshops and laboratories dedicated to particular areas of work such as satellite communications, computer aided design, electrical machines, materials testing, laser welding, hydraulics and fluids, concrete, large structures and geotechnics.

RANKING OF THE UNIVERSITY OF ABERDEEN

Times Good University Guide (2025)

15th in the UK
2nd in Scotland

Guardian University Guide (2024)

12th in the UK
2nd in Scotland



**FULL
ENGLISH**

**UPHOLDING THE HEU'S MOTTO OF
"GREAT ENGINEERING
TOWARDS PERFECTION,
GREAT LEARNING
TOWARDS TRUTH"**



The Civil Engineering (Full English) program is dedicated to cultivating versatile engineering professionals who are proficient in international engineering standards, familiar with construction specifications of "Belt and Road countries", and possess cross-cultural communication competencies. Graduates will master fundamental theories and specialized technologies in civil engineering, develop international perspectives, innovative spirit, competitive capabilities, and sustainability awareness, while demonstrating strong humanistic qualities, professional ethics, and social responsibility. They will become future leaders capable of undertaking surveying, design, construction, management, and scientific research in civil engineering-related fields. Within approximately five years after graduation, our alumni will:

EDUCATIONAL OBJECTIVES FOR CIVIL ENGINEERING PROGRAM

- 01** Demonstrate the ability to independently identify, investigate, and resolve complex engineering challenges by comprehensively applying civil engineering expertise and technical solutions;
- 02** Exhibit sustainability consciousness by proactively considering economic, environmental, legal, safety, health, and ethical factors, while independently undertaking technical, managerial, and research responsibilities in energy, marine engineering, and other strategic sectors;
- 03** Possess team collaboration skills and communication competence to serve as key contributors in cross-functional teams while demonstrating leadership potential;
- 04** Apply innovative thinking to conduct engineering R&D, technological innovation, or scientific research, evolving into core technical personnel with qualifications for intermediate professional titles;
- 05** Maintain global perspectives through continuous self-directed learning to enhance professional development, adapt to technological advancements in civil engineering, and obtain professional licensure qualifications.

GRADUATION CREDIT REQUIREMENTS

STUDENTS MUST COMPLETE
A TOTAL OF **129** credits

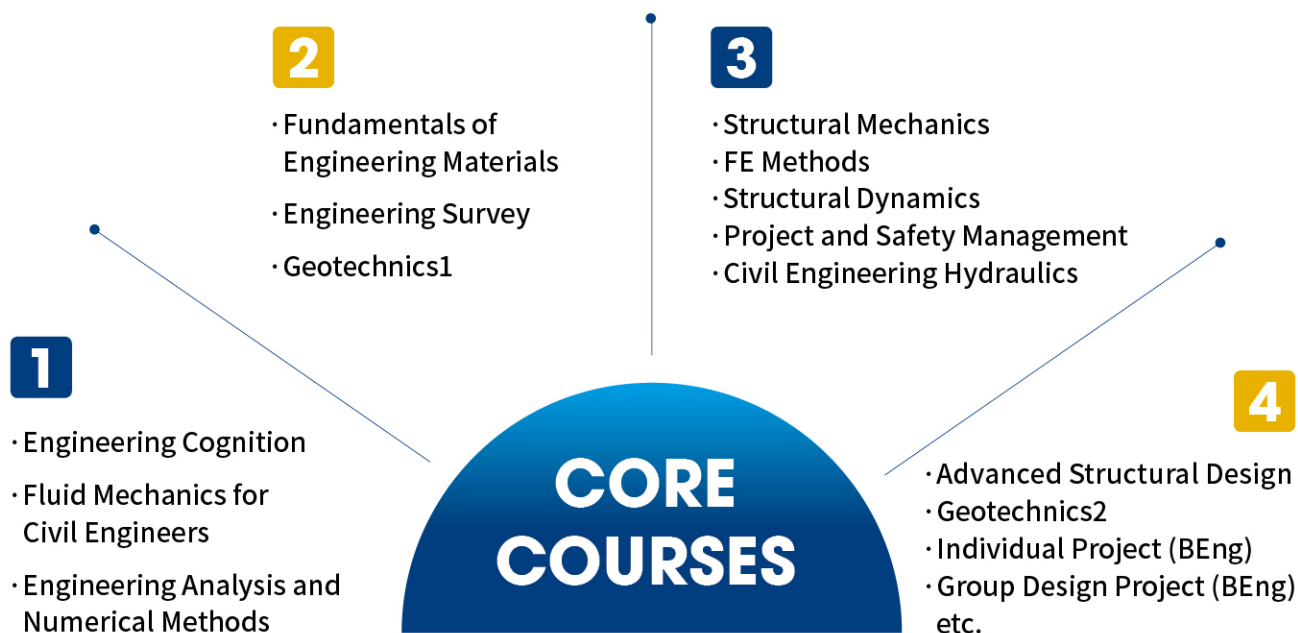
INCLUDING

108 credits
from Compulsory
Courses

15 credits
from Comprehensive
Practice

6 credits
from Professional
Elective Courses





TEACHING LANGUAGE: ENGLISH

Duration of Study

4 years (3 years at HEU and 1 year at UoA)



The first stage

The international students of this Civil Engineering (Full English) program studied at HEU, must pass all the course assessment, and obtain an IELTS Academic 6.0+ (OVERALL - 6.0 with: Listening - 5.5; Reading - 5.5; Speaking - 5.5; Writing - 6.0) certificate within the three years.

Students whose mother tongue is English or who have previous degrees taught through the medium of English can be exempted from IELTS if approved by HEU.

The second stage

All international students of this Civil Engineering (Full English) program should complete their fourth year of study at UoA and pass the assessment.

Notes

If the international student is unable to go to the UoA due to an unsatisfactory academic record or English language certificate, the program will give the student a one-year preparation period to complete the above conditions. If the student still cannot meet the requirements; they will be dismissed from the HEU.

DEGREE AWARDED

Bachelor Degree in Engineering (Civil) for both of the HEU and UoA

ADMISSIONS GUIDE FOR INTERNATIONAL APPLICANTS (UNDERGRADUATE PROGRAMS)

ELIGIBILITY



01

Applicants shall be non-Chinese citizens and meet the requirements stipulated in the JWH [2020] No.12 Document issued by the Ministry of Education of the People's Republic of China. Applicants shall be physically and mentally healthy and willing to abide by the laws and regulations of China and the regulations of Harbin Engineering University.



02

Applicants shall normally be between 18 and 25 years of age as of September, 1, 2026. While applicants under the age of 18 shall submit a guarantee letter from their guardians in China when applying.



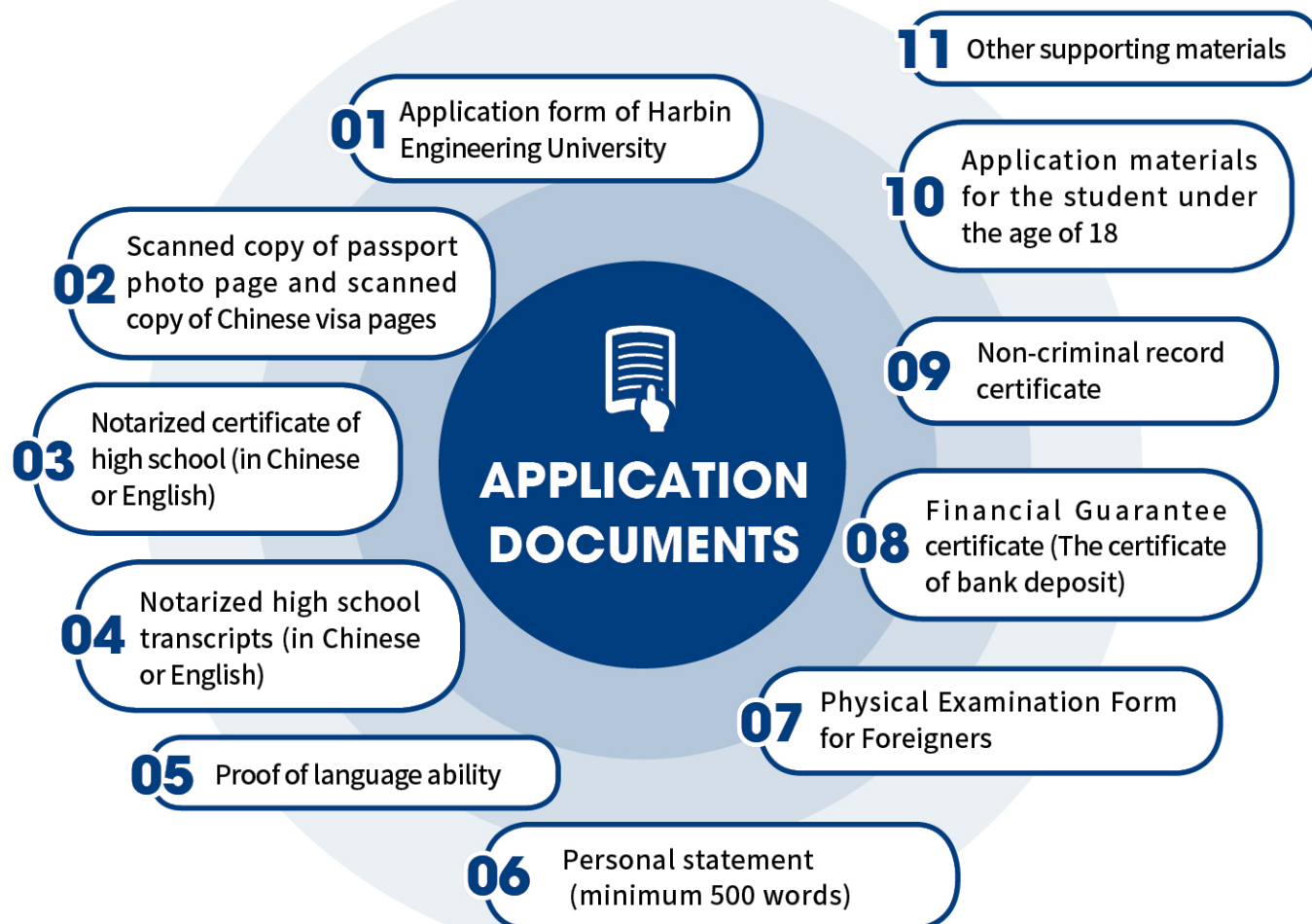
03

ENGLISH LANGUAGE REQUIREMENTS

Applicants for Civil Engineering (Full English) program shall hold a TOEFL iBT 80+ (OVERALL -78 with: Listening -17; Reading -18; Speaking -20; Writing -21), or IELTS Academic 6.0+ (OVERALL -6.0 with: Listening -5.5; Reading -5.5; Speaking -5.5; Writing -6.0) certificate. Applicants whose mother tongue is English or who have previous degrees taught through the medium of English can be exempted from TOEFL and IELTS if approved by HEU.



HOW TO APPLY





APPLICATION DEADLINE

Before May 31,
each year

APPLICATION PROCEDURE

STEP 1

Register and log in
[https://hrbeu.at0086.cn/
StuApplication/Login.
aspx](https://hrbeu.at0086.cn/StuApplication/Login.aspx)

STEP 2

Pay
application fee
(CNY 400)
after passing
preliminary
examination.

STEP 3

Comprehensive
interview

STEP 4

Pre-admission

STEP 5

Admitted

**PLEASE CHECK YOUR EMAIL AND APPLICATION SYSTEM
REGULARLY AFTER SUBMITTING YOUR APPLICATION**



ACCOMMODATION



HEU will provide on-campus accommodation for new students throughout their first three years of study.



UoA will help to arrange on-campus accommodation for the students at the fourth year in the UK.

FEES AND COST

APPLICATION FEE

CNY 400 per person

TUITION FEE

CNY 45,000 per year at HEU
GBP 18,800 one year at UoA

RESIDENCE PERMIT

CNY 800 per year

ACCOMMODATION FEE AT HEU

Single room: CNY 800-2000 per month, Double room: CNY 400-500 per month

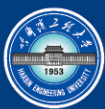
COMPREHENSIVE MEDICAL INSURANCE

CNY 800 per year

LIVING COST IN UK

about GBP 15,000 one year





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ADDRESS & CONTACT INFORMATION

HEU ADMISSION

MS. YIN HUA (REBEKKA)
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- ☎ Tel: 0086 451 82568266
- ☎ Fax: 0086 451 82530010
- 🌐 Website: www.hrbeu.edu.cn

HEU REGISTRATION AND STUDENT AFFAIRS

MS. SUN JIAQI
COLLEGE OF INTERNATIONAL COOPERATIVE EDUCATION, HEU

- ✉ Email: heucice@hrbeu.edu.cn
- ☎ Tel: 0086 451 82519343

HEU ACADEMIC AFFAIRS

ASSOCIATE PROF. & DR., WANG HONGGUANG
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