

# Mechanics

## PhD Programs

### Program Introduction

Mechanics is the science about force, movement and their relationship. It makes researches on the macro and micro behavior of movement, deformation and flow of medium. It reveals the mechanical process and the interaction mechanisms with physical, chemical and biological processes. It provides concepts and theories for new fields of engineering and effective methods for engineering design. It is an important driving force of science and technology innovation and development.

By studying mechanics, you will master knowledge and the experimental skills, and have the capability to carry out scientific research independently on different areas of science pertaining to how different bodies react to forces, their movement, and applications in the different fields of science.



### Courses you'll take

- Advanced Rock Mechanics
- Multiphase Fluid Mechanics
- Advanced Fluid Mechanics in Porous Media
- Continuum Mechanics
- Elasticity and Plasticity
- Tensor Analysis
- Modern Drilling Fluids Technology

### Research Areas

- Rock Mechanics
- Fluid Dynamics of Multiphase Systems
- Mechanics of Flow through Porous Media
- Pipe String Mechanics

**Tuition:**  
**36000 RMB/year**

**Course start date:**  
**September**

**Course duration:**  
**Four Years**

### Required qualifications for applicants

#### 1. Non-Chinese citizens, in good health:

Applicants should be non-Chinese citizens with a valid passport or verification of a foreign nationality at least 4 years, and with over 2 years living abroad records (9 months in a year living abroad can be considered as 1 year which is subject to the entry & exit stamps) in recent 4 years (before April 30th of every academic year).

#### 2. Education and age requirements:

Those who are to study at doctoral level have a master's degree and be under the age of 40.

#### 3. Language requirements for graduate program:

- a. HSK5 (with a score of 180) or higher level for those applying for Chinese taught programs.
- b. IELTS 6.5 or TOEFL 80 points or more for non-native speakers of English choosing English taught programs.

### Application Timeline

Important Dates, Deadlines and Application Procedure

**Get required information online**  
[www.cup.edu.cn/overseas/](http://www.cup.edu.cn/overseas/)

**Start Application**  
Register on the online application system  
[cie-registration.cup.edu.cn](http://cie-registration.cup.edu.cn)

**March to May**

**Around Oct.**  
For specific dates please visit the website

**Document Review**  
Application Review by the Admission Office

**Application Deadline**  
The deadline of application

**30th May**

**Final Result Announced**  
Final results for the scholarship

Receiving Admission materials  
Visa processing  
Book Airport Pick-up

**Aug.-Sept.**

**Join CUPB**  
Start your life in CUPB

**First Week of Sept.**

### Application Materials

1. Certified highest diploma, and transcript with an average of over 70% (should be notarized by related organizations)
2. Copy of Passport home page, and soft copy of your passport photo with white background, photo size 480x720
3. CUPB Application form or CSC form (for applicants who are also applying for the CSC scholarship)
4. Two recommendation letters (Given by at least an associate professor for postgraduate applicants)
5. Study and research plan
6. English or HSK Proficiency Certificates
7. Physical Examination Report (Health Certificate) (laboratory reports must be attached)
8. Non-criminal Record Certificate
9. Acceptance letter from your supervisor (For post-graduate applicants only, mandatory for Ph.D, advisable for Master)

The students who under 18 years old need to find a guardian for their period of study in Beijing before they begin their studies, this person must be a resident of Beijing. They also need to provide the guardian document (should be notarized by the China Embassy in their own country)

### Contact us

**Application website:** [cie-registration.cup.edu.cn](http://cie-registration.cup.edu.cn)

**College website:** [www.cup.edu.cn/overseas/](http://www.cup.edu.cn/overseas/)

**Postgraduate Program Application deadline:** 30th, May

**Undergraduate Program Application deadline:** 15th, June

**Language Program Application deadline:** 30th, June