College of New Energy Materials

Materials Science and Engineering

Master Programs

Program Introduction

Research on the composition and structure of the materials, synthesis and processing, properties, performance and other factors and their internal relations, and study the production process and technology of the materials. The materials science and engineering disciplines draws from the principles of the disciplines of natural sciences such as mathematics, mechanics, physics, and chemistry.

Courses you'll take

Materials Physics

Surface Physical Chemistry

Corrosion Experimental Methods and Techniques

Equipment and Materials for Oil Industry

Research Areas

Petroleum and Petrochemical Equipment Materials Corrosion Behavior

High Performance Polymers and Their Application in Petroleum Industry

High-Performance Metal Materials and Their Application in Energy

Control and Regulation of Materialization Characteristics New Energy Materials

Control and Regulation of Materialization Characteristics of Oil and Gas Reservoir Materials

Teaching languages: **Chinese**

Tuition: **29000 RMB /Year**

Course start date: **September**

Course duration: **Three 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 aboard records (9 months in a year living aboard 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:

a. Those applying for undergraduate study must be high school graduates with excellent grades, and not more than 25 years old;
b. Those who are to study at master's level must have a bachelor's degree with good grades and be under the age of 35;
c. 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

Start Application
Register on the online application system
cie-registration.cup.edu.cn

Around Oct.
For specific dates please visit the website

Application Deadline
The deadline of application

30th May

March to May

Document Review
Application Review by the Admission Office

30th July

Final Result Announced
Final results for the scholarship

Aug.-Sept.

Receiving Admission materials
Visa processing
Book Airport Pick-up

Join CUPB
Start your life in CUPB

First Week of Sept.

Get required information online
www.cup.edu.cn/overseas/

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 postgraduate 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)
Note: Admission Materials should be submitted as follows:
Non degree applicants (No.1,2,3,7,8)
Bachelor program applicants (No.1,2,3,5,6,7,8)

Contact us

Application website: cie-registration.cup.edu.cn

College website: www.cup.edu.cn/overseas/

Postgraduate Program Application deadline: 30th,May

Undergraduate Program Application deadline: 15th,June

Language Program Application deadline: 30th,June