

Materials Science and Engineering

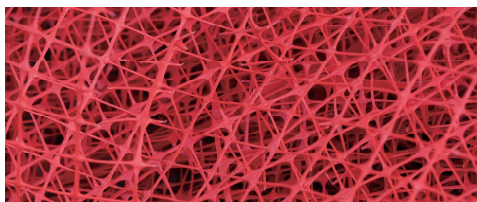
Program Introduction

Materials Science and Engineering (MSE) is to study the chemical composition, micro structure, synthesis, processing and macroscopic performance of the materials and the inter-relationship among these elements while emphasizing the practical processing and fabrication techniques. This program aims at meeting the needs of materials required in the oil & gas industry and new energy development of the chemical engineering and materials engineering.



Courses you'll take

- Advances in Electrochemistry
- Advances in Polymer Physics and Chemistry
- Strength and Fracture of Metals
- Theory on Defects in Crystals



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
- Oil and Gas Resources and Mineral Materials

Tuition: 36000 RMB/Year

Course start date: September

Course duration: Four Years

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:

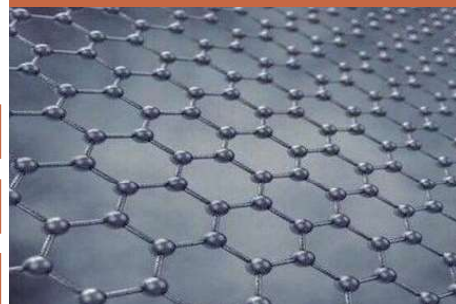
Those who are to study at doctoral level have a master's degree and be under the age of 40.

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 Requirements



Application Materials

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

Contact Information

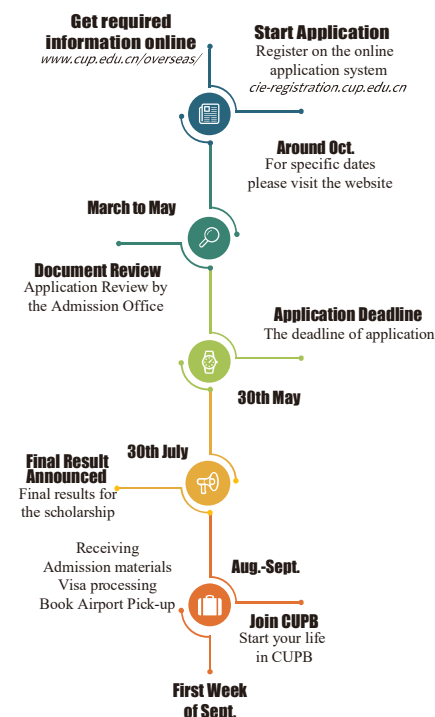
Application website: cie-registration.cup.edu.cn

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

Postgraduate Program Application deadline: 30th, May

Application Timeline

Important Dates, Deadlines and Application Procedure



900+
International students
from 66 countries



PHD PROGRAMS