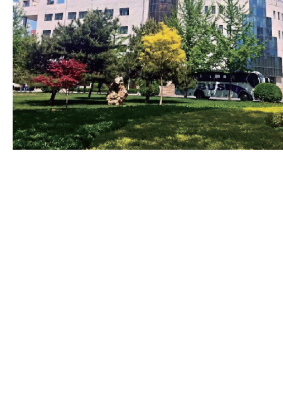




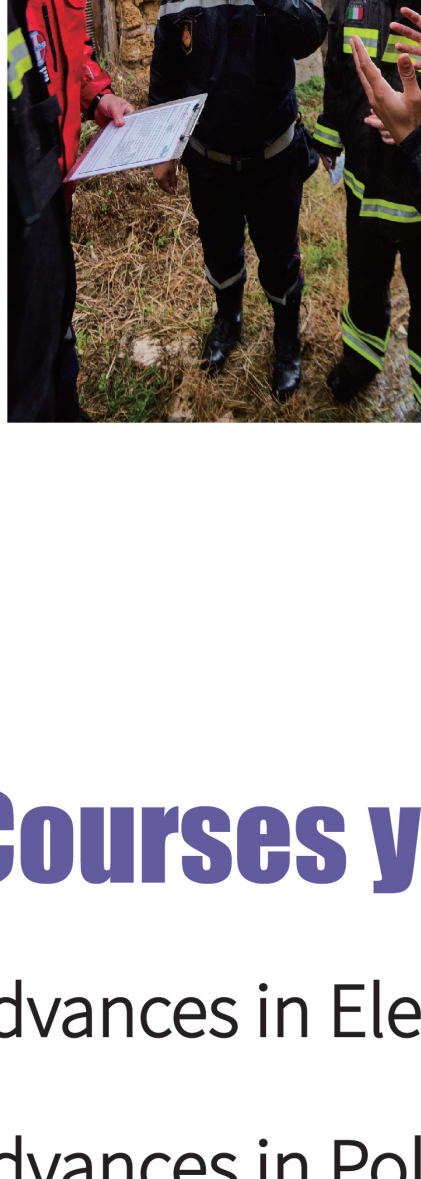
College of New Energy Materials

PhD Programs

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

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



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

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