



中国石油大学(北京)

# Resource Exploration Engineering



## Undergraduate Program

资源勘查工程

## Required qualifications for applicants

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

Applicants should be non-Chinese citizens. In the case of former Chinese citizens, they should have proof of having obtained a foreign citizenship for more than 4 years and with a valid passport.

### 2. Education and age requirements

Those applying for undergraduate study must be high school graduates with excellent grades, and not more than 25 years old.

### 3. Language requirements

- a. HSK4 (with a score of 222) or higher level for those applying for Chinese taught programs.
- b. IELTS 6.0 or TOEFL 75 points or more for non-native speakers of English choosing English taught programs.

## Contact us

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Scan the QR code to get more information

## Application Timeline

Important Dates, Deadlines and Application Procedure



# Program overview

Systematically grasp the basic theories, methods, and basic skills of oil and gas resources exploration projects, obtain basic engineering training necessary for petroleum geology engineers, and provide engineering and technical personnel with innovative spirit, practical ability, and international perspectives. Learn engineering design, applied research, and production management in the field of oil and gas exploration and development. Independently engage in engineering design, applied research and production management of oil and gas exploration and development geology.

**Tuition: 25000 RMB/Year**  
**Course start time: September**  
**Course duration: 4 Years**

# Modules

## Resource Exploration Engineering

### Year one

General Geology  
Petro-mineralogy  
Chinese Traditional Music Culture  
Paleontology and Geohistory  
Igneous Rock and Metamorphic Petrology  
Chinese Literature and Philosophy  
Elementary Chinese  
Advanced Mathematics  
College Physics (I)  
Computer Fundamentals  
C Language Programming

### Year two

College Physics (II)  
Experiment of College Physics  
University Chemistry  
Principles of Economics  
Structural Geology  
Geotectonics  
Sedimentary Petrology  
Lithofacies Paleogeography  
Geological Field Practice

### Year three

Seismic Data Interpretation  
Petroleum Geology  
Logging Data Interpretation  
Oilfield Subsurface Geology  
Geochemistry  
General Introduction of Petroleum Engineering  
Environmental Science

### Year four

Unconventional Oil and Gas Resources  
Geoanalytical Techniques  
Overview of the Global Oil and Gas Industry  
Graduation Design (16 weeks)

## Application Materials

1. Certified highest diploma, and transcript with an average of over 70% (should be notarized by related organizations)
2. Copy of Passport, and soft copy of your passport photo with blue 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
5. Study Plan
6. English or HSK Proficiency Certificates (undergraduate students who have studied in English for two or more years during their study experience may also submit official certificate issued by school instead of IELTS or TOEFL scores.)
7. Physical Examination Report (laboratory reports must be attached)
8. Non-criminal Record Certificate

Students less than 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)

College of  
Geosciences

  
10,000+  
students have  
graduated

  
Ranked Major 1%

  
120  
Staff

28%  
Others

33%  
Professors

39%  
Associate  
Professors

Academician  
of CHINESE  
ACADEMY OF  
SCIENCES

1

2

Specially appointed  
professors of the  
YANGTZE RIVER  
SCHOLAR PLAN

STATE KEY  
LABORATORY OF  
PETROLEUM  
RESOURCES  
AND PROSPECTING

