

# Geology

## Introduction

Geology is the branch of science that deals with the study of the earth, its environment, history, minerals etc. Geology is a science that is interested in how the land got into the shape it did. It is mostly about what the ground is made up of from a natural perspective, what kind of rocks it contains and how those rocks or layers of rocks got there.

## Skill Set

- Willing to work extremely hard
- Have a high degree of perseverance
- Logical and critical thinking
- Love to travel in different countries
- Adventurous
- Good communication skills
- Report-writing skills

## Branches

- Geophysics
- Hydrogeology
- Geochemistry
- Oceanography
- Seismology
- Mineralogy and many more....
- Marine Geology
- Petrology
- Sedimentary Geology
- Structural Geology
- Palaeontology

## Top Colleges

### Aligarh Muslim University, Aligarh, UP

**Course:** B.Sc (Hons.) Geology

**Eligibility:** At least 55% marks in aggregate of English, Physics, Chemistry and Biology/Mathematics.

**Admission Mode** Through Admission Test.

### Delhi University, Delhi

**Course** B.Sc (Hons.) Geology

**Eligibility** PCM & PCB

**Admission Mode** Marks Based

### Colleges under Delhi University

- Hans Raj College
- Ram LalAnand College

### St Xavier's, Mumbai

#### Course

- Life Science + Chemistry + Geology
- Physics + Chemistry + Geology
- Physics + Maths + Geology

**Eligibility:** 10+2 Passed with PCM

**Admission Mode:** Marks Based

### **Fergusson College, Pune**

**Course:** B.Sc. in Geology

**Eligibility:** Passed 10+2 with PCM/PCB

**Admission Mode:** Marks Based

### **Panjab University, Chandigarh**

**Course:** B.Sc. in Geology (Honours)

**Eligibility:** 10+2 with 50% and PCM/B

**Admission Mode:** PU CET-(U.G.) + Academic performance, Weightage given 75-25%

### **Presidency University, Kolkata**

**Course:** B.Sc. in Geology

**Eligibility:** 10+2 with 50% and PCM/B

**Admission Mode:** Subject-wise Merit List (Provisional) of PUBDET

### **Ravenshaw University, Odisha**

**Course:** B.Sc.(Hons.) In Geology

**Eligibility:** 12th pass out with PCB/PCM

**Admission Mode** Marks based

### **Bundelkhand University, Jhansi**

**Course:** B.Sc. Geology (Hons.)

**Eligibility:** 10+2 Science with 45% in aggregate

**Admission Mode:** Marks based

## **Government Dungar Collage, Bikaner**

**Course:**

- Physics, Mathematics, Geology
- Physics, Chemistry, Geology
- Chemistry, Botany, Geology (CBG)
- Chemistry, Zoology, Geology

**Eligibility:** 12th pass out with PCB/PCM

**Admission Mode:** Marks based

## **Job Prospects**

- Geological Survey of India (GSI)
- Central Ground Water Board (CGWB)
- Directorate of Geology and Mining (DGM)
- Indian Bureau of Mines (IBM)
- Defense Research and Development Organisation (DRDO)
- Indian Space Research Organisation (ISRO)
- National Geophysical Institute (NGRI)
- Wadia Institute of Himalayan Geology, Dehradun
- Bhabha Atomic Research Centre (BARC)
- Oil & Natural Gas Corporation Ltd. (ONGC)

- National Hydro Power Corporation (NHPC)
- National Thermal Power Corporation (NTPC)
- Minerals and Metals Trading Corporation (MMTC)
- National Remote Sensing Agency (NRSA)
- State Mining Corporation (SMC)
- National Mineral Development Corporation (NMDC)
- Bharat Petroleum Corporation Limited (BPCL)
- Theri Hydro Development Corporation (THDC)

**Disclaimer:** The information provided here is to the best of our knowledge. It is highly recommended that you cross check the source of information through the specific Colleges and Universities. Career Prabhu is in no way responsible for the decisions made solely on the basis of this document