



BUITEMS

Quality & Excellence In Education



ISO 9001-2008 certified

www.buitms.edu.pk

UAN: 081-111-717-111

Bachelor of Science (Geological Engineering)

Criteria

F.Sc (Pre-Engineering) from any recognized board or equivalent with at least 60% marks.

OR

Diploma of Associate Engineering in the relevant field securing at least 60% marks.

Entry test will be conducted by NTS.

FOR FURTHER INFORMATION (Please contact)

Balochistan University of Information Technology, Engineering & Management Sciences, Takatu Campus, Airport road, Quetta.

UAN: 081 111-717-111
081 2880426

Admission Branch: Ext: 163/207/203/211

www.buitms.edu.pk



COURSE INFORMATION

Course	BS (Geological Engineering)
Duration	4 Years(8 Semesters)
Department	Geological Engineering
Faculty	Engineering
Campus	Takatu

Program Structure for BS (Geological Engineering)

COURSE STRUCTURE

First Semester

- Engineering Drawing
- Applied Electricity
- Applied Geology
- Applied Chemistry
- Applied Mathematics –I

Second Semester

- Workshop Practice
- Introduction to Geological Engineering
- Applied Mathematics –II
- Applied Physics
- Islamic & Pakistan Studies

Third Semester

- Fluid Mechanics
- Applied Thermodynamics
- Applied Geology –II
- Applied Mathematics –III
- Engineering Economy
- Communication Skills

Fourth Semester

- Mechanics of Material
- Surveying
- Computer Science and Numerical Analysis
- Statistics
- Islamic and Pakistan Studies

Fifth Semester

- Engineering Geology
- Rock Mechanics
- Geo Physical Exploration
- Soil Mechanics
- Field Surveying

Sixth Semester

- Hydrology
- Mineralogy & Petrology
- Ground Water Systems
- Earthquake Seismology & Risk Assessment
- Explosive Engineering

Seventh Semester

- Computer Methods in Geological Engineering
- Engineering Management
- Slope Stability Analysis
- Environmental Geology
- Field Geology
- Project (Part I)

Eighth Semester

- Operation Research
- Excavation Engineering
- Geo statistics
- Geological Aspects of Hazardous Waste Management
- Project (Part II)

Admission & 1st Semester Fee:

Admission fee (Per academic session) Rs. 13,162/-
Registration Fee (Per academic session) Rs. 2632/-
Security Fee (Refundable) Rs. 4,680/-
Tuition Fee (Per Semester) Rs. 20,280/-
Examination Fee (Per Semester) Rs. 2,028/-
Lab & Library Fee (Per Semester) Rs. 6,337/-
Total : Rs. 49,120/-

2nd Semester and onward Fee

Tuition Fee (Per Semester) Rs. 20,280/-
Examination Fee (Per Semester) Rs. 2,028/-
Lab & Library Fee (Per Semester) Rs. 6,337/-
Total : Rs. 28,645/-

HOW TO APPLY

- For Application Submission, follow the link below:
- URL:<http://admissions.buitms.edu.pk>
- Admission Processing fee is Rs 2,500/= (Non refundable)