



BUITEMS

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UAN: 081-111-717-111

Bachelor of Science in Chemical 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

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COURSE INFORMATION

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

Program Structure for BS (Chemical Engineering)

COURSE STRUCTURE

First Semester

- Functional English
- Islamic Studies/ Ethics
- Chemical Process Principles – I
- Engineering Drawing
- Physics
- Mathematics - I

Second Semester

- Chemical Engineering Thermodynamics – I
- Technical Report Writing & Presentation Skills
- Computer & Computation
- Mathematics –II
- Applied Chemistry –I
- Pakistan Studies

Third Semester

- Chemical Process Principles – II
- Applied Chemistry – II
- Workshop Practices
- Fluid Mechanics
- Electrical Technology & Electronics
- Mathematics - III

Fourth Semester

- Chemical Process Technology – I
- Logical & Critical Thinking
- Particle Technology
- Heat Transfer
- Computer Aided Engineering Drawing
- Computer Programming & Application Software

Fifth Semester

- Mass Transfer
- Chemical Engineering Thermodynamics –II
- Fuel & Combustion.
- Numerical Analysis & Computer Application
- Transport Phenomena

Sixth Semester

- Instrumentation & Process Control
- Engineering Economics
- Simultaneous Heat & Mass Transfer
- Engineering Materials
- Chemical Reaction Engineering

Seventh Semester

- Chemical Plant Design
- Chemical Process Technology – II
- Communication Skills
- Elective – I
- Process Design & Simulation

Eighth Semester

- Project Management
- Elective – II
- Elective – III
- Production & Operation Management
- Maintenance Engineering & Safety
- Plant Design Project

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)