



# BUITEMS

QUALITY & EXCELLENCE  
IN EDUCATION

## Bachelor of Science in Chemical Engineering

### Eligibility

- Intermediate ( Pre -Engineering or equivalent degree) from any recognized Board with at least 50% marks.
- Diploma of Associate Engineers in the same field securing at least 60% marks

### Selection Process

- Qualifying aptitude test
- Appearing in an interview on the date time as scheduled by the uni-



### COURSE INFORMATION

Program	BS Chemical Engineering
Duration	4 Years (8 Semesters)
Total Fee	Rs. 130700/- approx-
Department	Chemical Engineering
Faculty	Engineering
Campus	Takatu

FOR FURTHER INFORMATION  
(Please contact)

BALOCHISTAN UNIVERSITY OF  
INFORMATION TECHNOLOGY,  
ENGINEERING &  
MANAGEMENT SCIENCES  
CITY CAMPUS  
JINNAH TOWN ,  
SAMUNGLI ROAD  
QUETTA

Admission Office,

Ph # 081-9201051/9201851 Ext: 291

Web: [www.buitms.edu.pk](http://www.buitms.edu.pk)

## Program Structure for BS (Chemical Engineering)

### First Semester

- Chemistry
- Physics
- Engineering Mathematics –I
- Introduction to Computer & Computing
- Pakistan Studies

### Second Semester

- Chemical Process Principles –I
- Chemical Process Technology—I
- Chemistry –II
- Engineering Mathematics –II
- Work Shop Practice

### Third Semester

- Practice Technology
- Chemical process Principles –II
- Heat Transfer-I
- Chemical Process Technology –II
- Engineering Mechanics
- Engineering Mathematics –III

### Fourth Semester

- Engineering Drawing and Graphics
- Heat Transfer –II
- Fluid Flow-I
- Chemical Engineering Thermodynamics-I
- Communication Skills

### Fifth Semester

- Fuels & Combustion
- Fluid Flow—II
- Chemical Engineering Mathematics
- Mass Transfer—I
- Chemical Engineering Thermodynamics –II
- Islamic Studies

### Sixth Semester

- Process Instrumentation & Control
- Industrial Management
- Chemical Reaction Engineering
- Mass Transfer—II
- Engineering Materials
- Computer Programming

### Seventh Semester

- Chemical Plant Design
- Simultaneous Heat and Mass Transfer
- Electrical Technology
- Process Engineering Economics
- Process Analysis and Optimization

### Eighth Semester

- Environmental Engineering
- Transport Phenomenon
- Maintenance Engineering
- Optional Subjects
- Project

### FEE STRUCTURE

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|-------------------------------------|------------|
| • Admission Fee (one time)          | Rs. 6750/- |
| • Registration Fee (one time)       | Rs. 1350/- |
| • Security Fee (one time)           | Rs. 3000/- |
| • Tuition Fee (per semester)        | Rs.10400/- |
| • Examination Fee (per semester)    | Rs. 1300/- |
| • Lab and Library Fee per semester) | Rs. 3250/- |