



BUITEMS

Quality & Excellence In Education



ISO 9001-2008 certified

www.buitms.edu.pk

UAN: 081-111-717-111

Bachelor of Science (Biotechnology)

Criteria

F.Sc (Pre-Medical or Pre- Engineering)
from any recognized board or equivalent
with at least 45% 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

Admission Office,

UAN: 081 111-717-111
081 2880426

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

www.buitms.edu.pk

The department of Biotechnology has a unique combination of subjects in reference to the development made in the area of information technology and biological sciences. With the merger of IT and Life Sciences, the field of Bioinformatics emerged where advancement in the field of technology has boosted the application of Biotechnology for the betterment of man kind. The student of Biotechnology & Bioinformatics can join the fields of Life Sciences related to IT, where solid base of Biotechnology will provide them tools to adapt the industries related to Agriculture, Forestry, Food, Pharmaceutical and other related industries.

COURSE INFORMATION

Course	BS(Biotechnology)
Duration	4 Years (8 Semesters)
Department	Biotechnology
Faculty	Life Sciences & Informatics
Campus	Takatu

Program Structure for BS (Biotechnology)

COURSE STRUCTURE

First Semester

- Islamic Studies,
- English Composition and Comprehension,
- General Mathematics / General Biology
- Introduction to Computers,
- Chemistry –I,
- Biochemistry-I

Second Semester

- Pakistan Studies
- Academic English: Reading & Writing
- Calculus
- Introduction to Computer Programming
- Cell Biology
- Chemistry-II

Third Semester

- Communication Skills
- Advance Calculus
- Data Structure & Algorithms
- Enzymology
- Genetics

Fourth Semester

- Introduction to Bioinformatics
- Object Oriented Programming
- Molecular Biology-I
- Microbiology
- Biochemistry-II

Fifth Semester

- Database System
- Molecular Biology-II
- rDNA Technology
- Immunology
- Evolution & Diversity

Sixth Semester

- Bioinformatics Computing
- Plant Physiology, Nutrition & Ecology
- Cell & Tissue Culture
- Genomics & Proteomics
- Biosafety & Bioethics

Seventh Semester

- Bioinformatics Methods & Applications
- Plant Biotechnology
- Research Methodology
- Dairy and Food Biotechnology
- Biostatistics

Eighth Semester

- Bioinformatics Software Development
- Research Project*
- Current Trends in Biotechnology
- Environmental Biotechnology

Admission & 1st Semester Fee:

	Fee
Admission fee (Per academic session)	Rs. 10,530/-
Registration Fee (Per academic session)	Rs. 2,106/-
Security Fee (Refundable)	Rs. 4,680/-
Tuition Fee (Per Semester)	Rs. 16,224/-
Examination Fee (Per Semester)	Rs. 2,028/-
Lab & Library Fee (Per Semester)	Rs. 5,070/-
Total :	Rs. 40,638/-

2nd Semester and onward Fee

Tuition Fee (Per Semester)	Rs. 16,224/-
Examination Fee (Per Semester)	Rs. 2,028/-
Lab & Library Fee (Per Semester)	Rs. 5,070/-
Total :	Rs. 23,322/-

HOW TO APPLY

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

