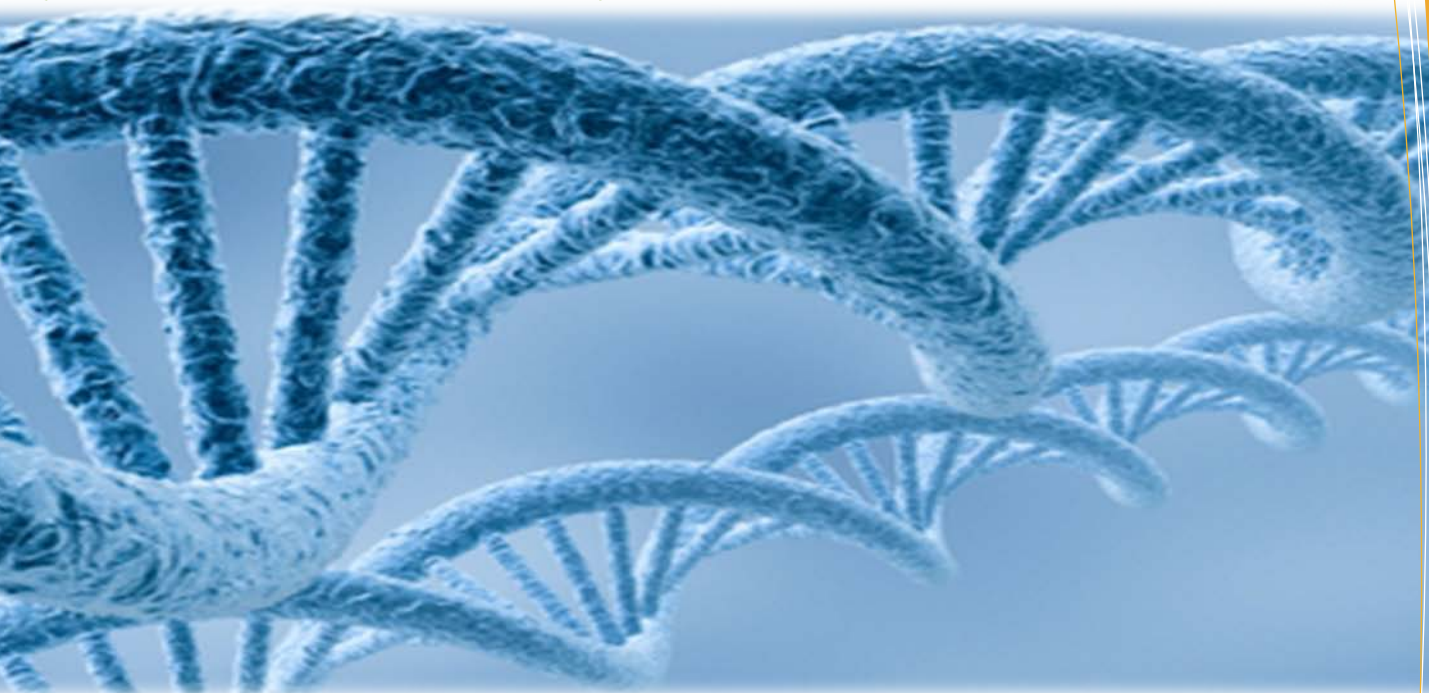


Bachelor of Science in
Biotechnology & Informatics
BS (BT&I)

The BUITEMS BS (BT&I)

Technology & Research acquainted with various job incentives



COURSE INFORMATION

Eligibility

- ✚ FSC (Pre-Engineering / Pre-Medical) or equivalent from any recognized Board with at least 45% marks.

Selection Process

- ✚ Qualifying aptitude test
- ✚ Appearing in an interview on the date / time as scheduled by the university

Program	BS (Biotechnology & Informatics)
Duration	4 Years (8 Semester)
Department	Biotechnology & Informatics
Faculty	Faculty of Life Science & Informatics
Campus	City

FOR FURTHER INFORMATION (Please contact)

BALUCHISTAN UNIVERSITY OF INFORMATION TECHNOLOGY, ENGINEERING & MANAGEMENT SCIENCES
TAKATU CAMPUS , AIRPORT ROAD BALELI, QUETTA.
Admission Office, BUITEMS (Takatu Campus) Ph # 081-2881036/2880410 Ext: 265
Website: www.buitms.edu.pk

Program Structure for BS (BT&I)

First Semester

- ✚ Islamic Study
- ✚ Foundation of English
- ✚ General Mathematics/ Biology
- ✚ Introduction to computer
- ✚ Introduction to Biotechnology
- ✚ Chemistry

Second Semester

- ✚ Pakistan Study
- ✚ Academic English: Reading & writing
- ✚ Calculus
- ✚ Introduction to Computer Programming
- ✚ Cell Biology

Third Semester

- ✚ Communication Skills
- ✚ Advance Calculus
- ✚ Data Structure & Algorithm
- ✚ Biochemistry
- ✚ Genetics

Fourth Semester

- ✚ Introduction to Bioinformatics
- ✚ Object Oriented Programming
- ✚ Molecular Biology
- ✚ Microbiology
- ✚ Evolution & diversity

Fifth Semester

- ✚ Database System
- ✚ RDNA Technology
- ✚ Plant Physiology
- ✚ Enzymology
- ✚ Immunology
- ✚ Molecular Physiology

Sixth Semester

- ✚ Introduction to Computer Graphics
- ✚ Plant Nutrition and Ecology
- ✚ Cell & Tissue Culture
- ✚ Proteomics
- ✚ Industrial Biotechnology Application
- ✚ Bioethics

Seven Semester

- ✚ Bioinformatics Methods & Applications
- ✚ Plant Biotechnology
- ✚ Research Methodology
- ✚ Research Report/Specialized Course
- ✚ Nutrition & Dietetics
- ✚ Optional

Eighth Semester

- ✚ Bioinformatics Software Development
- ✚ Human Molecular Genetics
- ✚ Research Report/Specialized Course
- ✚ Biostatistics
- ✚ Optional

Fee Structure

✚ 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 & Library Fee (per semester)	Rs.3250/-