

# Bachelor of Science Plant Sciences and Informatics BS (PS&I)

## The BUIITEMS BS (PS&I)

*Feed & Protect*

*Mankind & Environment*

*With Contemporary Technology*



### COURSE INFORMATION

|            |                                       |
|------------|---------------------------------------|
| Program    | BS<br>( Plant Sciences & Informatics) |
| Duration   | 4 Years (8 Semester)                  |
| Total Fee  | Rs. 130700/- approx                   |
| Department | Plant Sciences and Informatics        |
| Faculty    | Faculty of Life Science & Informatics |
| Campus     | City                                  |

#### 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

FOR FURTHER INFORMATION (Please contact)

BALOCHISTAN UNIVERSITY OF INFORMATION TECHNOLOGY, ENGINEERING & MANAGEMENT SCIENCES  
TAKATU CAMPUS , AIRPORT ROAD BALELI, QUETTA.

Admission Office, BUIITEMS (Takatu Campus) Ph # 081-2881036/2880410 Ext: 265

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

# Program Structure for BS (PS&I)

## First Semester

- ✚ Islamic Study
- ✚ Foundations of English
- ✚ General Mathematics / General Biology
- ✚ Introduction to Computer
- ✚ Plant Ecology
- ✚ Chemistry

## Second Semester

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

## Third Semester

- ✚ Communication Skills
- ✚ Advance Calculus
- ✚ Data Structure & Algorithms
- ✚ Plant Biochemistry
- ✚ Plant Genetics

## Fourth Semester

- ✚ Introduction to Bioinformatics
- ✚ Plant Physiology
- ✚ Introductory Horticulture
- ✚ Microbiology
- ✚ Seed Science and Technology

## Fifth Semester

- ✚ Database System
- ✚ Plant Pathology
- ✚ Greenhouse Crop Production
- ✚ Soil Fertility
- ✚ Plant Morphology
- ✚ Molecular Physiology

## Sixth Semester

- ✚ Advanced Turfgrass Management
- ✚ Plant Nutrition
- ✚ Cell & Tissue Culture
- ✚ Evolution & diversity
- ✚ Agricultural Biotechnological
- ✚ Bioethics

## Seventh Semester

- ✚ Bioinformatics Methods & Applications
- ✚ Nursery Management and Production
- ✚ Research Methodology
- ✚ Research Report / Specialized Course
- ✚ Integrated Pest Management
- ✚ Optional

## Eighth Semester

- ✚ Postharvest Physiology
- ✚ Plant Biotechnology
- ✚ Research Report / Specialized Course
- ✚ Rangeland Management
- ✚ Biostatistics

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