Bachelor of Science in Software Engineering

Criteria

F.SC (Pre-Engg) / ICS with Math’s & Physics 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

www.buitms.edu.pk

COURSE INFORMATION

<table>
<thead>
<tr>
<th>Course</th>
<th>BS (Software Engineering)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Duration</td>
<td>4 Years (8 Semesters)</td>
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<tr>
<td>Department</td>
<td>Software Engineering</td>
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<tr>
<td>Faculty</td>
<td>Information &amp; Communication Technologies</td>
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<tr>
<td>Campus</td>
<td>Takatu</td>
</tr>
</tbody>
</table>
Program Structure for BS (Software Engineering)

COURSE STRUCTURE

**First Semester**
- Introduction to Computing
- Calculus & Analytical Geometry
- English - I (Functional English)
- Physics
- Programming Fundamentals

**Second Semester**
- Discrete Structures - I
- Object Oriented Programming
- Supporting Elective - I
- GE / University Elective - I
- English - II (Communication Skills)

**Third Semester**
- Introduction to Software Engineering
- Data Structures and Algorithms
- Digital Logic & Design
- Linear Algebra
- Pakistan Studies and Islamic Studies

**Fourth Semester**
- Operating Systems
- Software Construction
- Supporting Elective - II
- GE / University Elective - II
- Introduction to Database Systems

**Fifth Semester**
- Software Requirement Engineering
- Probability & Stats
- Computer Communication and Networks
- SE Elective - I
- Supporting Elective III

**Sixth Semester**
- Human Computer Interaction
- Software Quality Engineering
- Software Design & Architecture
- Formal Methods in Software Engineering
- SE Elective II
- SE Application Domain Elective I

**Seventh Semester**
- Senior Capstone Project I
- Software Project Management
- Professional Practice
- SE Application Domain Elective II
- GE / University Elective IV

**Eighth Semester**
- Senior Capstone Project II
- SE Elective III
- SE Elective IV
- SE Elective V

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**Admission & 1st Semester Fee:**

- Admission fee (Per academic session) Rs. 13,162/-
- Registration Fee (Per academic session) Rs. 2,632/-
- 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](http://admissions.buitms.edu.pk)

Admission processing fee is Rs 2,500/= (Non Re-fundable)