



BUITEMS

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UAN: 081-111-717-111

Bachelor Of Science In Physics

Criteria

F.Sc (Pre Engineering)/ICS with Physics and maths from any recognized board or equivalent with at least 45% marks

Entry test will be conducted by NTS.

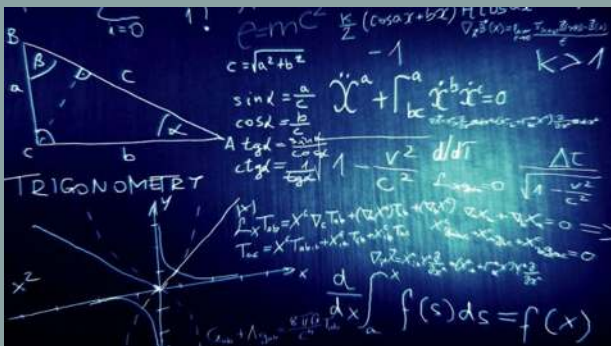
FOR FURTHER INFORMATION
(Please contact)

Balochistan University of Information Technology, Engineering & Management Sciences, Takatu Campus, Airport road, Quetta.

UAN: 081 111-717-111
081 2880426

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

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BS Physics program provides the student with the fundamentals of the major areas of Physics. The program produces graduates who have conceptual clarity and are able to express their thoughts and ideas in logical and coherent manner. The program provides the necessary background for students who wish to apply Physics in the natural sciences, in engineering as well as for a career in Physical sciences

COURSE INFORMATION

Course	Bachelor of Science in Physics
Duration	4 Years (8 Semesters)
Department	Physics
Faculty	Arts & Basic Sciences
Campus	Takatu

Program Structure for Bachelor of Science in Physics

COURSE STRUCTURE

Semester 1

- Mechanics
- Lab-I (Mechanics)
- Calculus-I
- English-I
- Psychology
- Fundamentals of computer

Semester 2

- Electricity and Magnetism
- Heat and Thermodynamics
- Lab-II (Heat, Electricity & Magnetism)
- Pakistan Studies
- Calculus-II
- English-II

Semester 3

- Waves and Oscillations
- Modern Physics
- Lab-III (Wave and Oscillations, Sound and Modern Physics)
- Linear algebra
- English-III
- Statistics-I

Semester 4

- Optics
- Lab-IV (**Optics**)
- Differential Equations
- Islamic Studies
- Statistics-II
- Chemistry
- Fundamentals of computer programming and Application

Semester 5

- Methods of Mathematical Physics -I
- Electromagnetic Theory-I
- Classical Mechanics
- Electronics-I
- Nuclear Physics
- Lab-V (Electronics)

Semester 6

- Methods of Mathematical Physics-II
- Quantum Mechanics-I
- Electromagnetic Theory-II
- Statistical Mechanics
- Electronics-II
- Lab-VI (Modern Physics, Atomic Physics and Spectroscopy and Electronics Materials)

Semester 7

- Quantum Mechanics-II
- Solid State Physics-I
- Lab-VII (Miscellaneous Advanced Experiments)
- Project presentation and Data collection
- Elective I
- Elective II

Semester 8

- Solid State Physics-II
- Atomic & Molecular Physics
- Project and Report submission
- Elective III
- Elective IV

Admission & 1st Semester Fee:

Admission fee (Per academic session) Rs. 8,775/-
Registration Fee (Per academic session) Rs. 1,755/-
Security Fee (Refundable) Rs. 3,900/-
Tuition Fee (Per Semester) Rs. 13,520/-
Examination Fee (Per Semester) Rs. 1,690/-
Lab & Library Fee (Per Semester) Rs. 4,225/-
Total : Rs. 33,865/-

2nd Semester and onward Fee

Tuition Fee (Per Semester) Rs. 13,520/-
Examination Fee (Per Semester) Rs. 1,690/-
Lab & Library Fee (Per Semester) Rs. 4,225/-
Total : Rs. 19,435/-



HOW TO APPLY

For Application Submission, follow the link below:

URL: <http://admissions.buitms.edu.pk>

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