



BUITEMS

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UAN: 111-717-111

BS (Environmental Science)

Criteria

- ◆ F.Sc (Pre-Medical or Pre-Engineering from any recognized board or equivalent with at least 45% marks or DAE in (Civil Engineering, Petroleum & Gas Engineering and Chemical Engineering)
- ◆ Entry test will be conducted by NTS.



Environmental science is a multidisciplinary academic field that integrates physical, biological and information sciences (including but not limited to ecology, physics, chemistry, zoology, mineralogy, oceanology, limnology, soil science, geology, atmospheric science and geography) to the



study of the environment, and the solution of environmental problems. Environmental science provides an integrated, quantitative, and interdisciplinary approach to the study of environmental systems. After engineering, BS environmental Sciences, a discipline of future, can be an excellent choice for the F.Sc. pass outs with great many job opportunities in public and private sector in Pakistan.

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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COURSE INFORMATION

Program	BS Environmental Science
Duration	4 Years (8 Semesters)
Department	Environmental Science
Faculty	Life Sciences & Informatics
Campus	Takatu

Program Structure for BS Environmental Science

First Semester

Course Titles	Credit Hours
• Introduction to Environmental Science	3 (3-0)
• Fundamentals of Biology-I	3 (2-1)
• Basic Chemistry	3 (2-1)
• Mathematics-I (Algebra)	3 (3-0)
• Functional English	3 (3-0)
• Pakistan Studies	2 (2-0)

Second Semester

Course Titles	Credit Hours
• Introduction to Earth Science	3 (2-1)
• Fundamentals of Biology-II	3 (2-1)
• Mathematics-II (Calculus)	3 (3-0)
• Sociology	3 (3-0)
• Communication Skills	3 (3-0)
• Islamic Studies / Ethics	2 (2-0)

Third Semester

Course Titles	Credit Hours
• Introduction to Computer	3 (2-1)
• Environmental Chemistry	3 (2-1)
• Environmental Physics	3 (2-1)
• Introduction to Economics	3 (3-0)
• Technical writing and presentation skills	3 (3-0)
• Introduction to statistics	3 (3-0)

Fourth Semester

Course Titles	Credit Hours
• Fundamentals of Ecology	3 (3-0)
• Environmental Microbiology	3 (2-1)
• Environmental Pollution	3 (3-0)
• Climatology	3 (3-0)
• Psychology	3 (3-0)
• Environmental Toxicology	3 (2-1)

Fifth Semester

Course Titles	Credit Hours
• Applied Ecology	3 (2-1)
• Environmental Biotechnology	3 (2-1)
• Environmental Profile of Pakistan	3 (3-0)
• Environmental Economics	3 (3-0)
• Analytical techniques in Environmental Science	3 (1-2)
• Environmental Geology	3 (2-1)

Sixth Semester

Course Titles	Credit Hours
• GIS & Remote Sensing	4 (2-2)
• Environmental Policy and Law	3 (3-0)
• Biodiversity & Conservation	3 (3-0)
• Environmental Monitoring	3 (2-1)
• Disaster Management	3 (3-0)

Seventh Semester

Course Titles	Credit Hours
• Climate Change	3 (3-0)
• Environmental Impact Assessment	3 (3-0)
• Natural Resource Management	3 (3-0)
• Research Methods in Environmental Science	3 (3-0)
• Pollution Control Technologies	3 (3-0)

Eighth Semester

Course Titles	Credit Hours
• Environmental Management Systems	3 (3-0)
• Health and Environment	3 (3-0)
• Urban Planning and Management	3 (3-0)
• Research project/ Internship	6

Fee Structure

Admission & 1st Semester 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)