Introduction

Preston University, Pakistan was established as School of Business and Commerce in 1984 to foster academic excellence. Preston University is seriously committed to improving the quality of technology and business education in Pakistan. Preston University is managed by a group of dedicated professionals and academicians who have committed their lives to the cause of higher education in Pakistan. Since its inception in 1984, Preston Network has imparted knowledge and skills to numerous individuals through many teaching programs. The experience at this university has played an important role in the professional and personal development of our students. The university will continue to fulfill its responsibilities to the society by creating and providing facilities for personal and professional growth of individuals who wish to make a career in the field of business, science and technology.

Charter and Recognition

Preston University, Kohat, NWFP has been chartered by the Government of NWFP through Ordinance No. LII of 2002, and is recognized by the Higher Education Commission (HEC) Government of Pakistan. Preston University, Karachi, has been chartered by the Government of Sindh through Sindh Act V of 2004, and is recognized by the Higher Education Commission (HEC), Government of Pakistan.

Master of Science in Environment Management
(MSc Environment)

Master of Science in Disaster Risk Management
(MSc Disaster Management)

Master of Science in Occupational Health and Safety
(MSc Health & Safety)

2 Years (Eight Quarters)

Evening Program: 2-3 classes per week

The objective of the MSc Programs in Environment Management, Master of Science in Disaster Risk Management, Master of Science in Occupational Health and Safety is to let the students understand the fundamental principles, concepts and theories as well as their direct, practical applications in the relevant fields of environmental management, disaster risk management and occupational health and safety management. The students will also learn analytical techniques, methods and procedures involved in managing environment, disasters, and health and safety issues. Students will develop critical and rational reasoning so as to be able to work on complex problems and be able to develop careers in teaching, research, industry and government.

Requirements:

A student must achieve 66 semester credits for the award of a masters degree. Out of this total requirement, at least 30 credits must be completed in core subjects related to the degree program of the student, 30 credits for the elective courses, and 6 credits for a Masters Project.

Eligibility:

Holders of any of the following qualifications:

- Bachelors degree, BA or BSc, (14 years of education) preferably with Mathematics or any of the Science subjects.
- BSc Engg/B.E./MBBS/BBA or other professional Bachelors degrees
- Equivalent Bachelors degree with Mathematics or science subjects

In addition to the minimum qualification, candidates are required to qualify Written Test and Interview for admission to the MSc program.
Credit Requirements for MSc Programs:

- Core Courses: 30 Credit Hours
- Optional Courses: 30 Credit Hours
- Masters Project: 06 Credit Hours
- Total: 66 Credit Hours

All elective courses are determined by the University at the beginning of each semester and are offered to the entire class. Students may not deviate from the block of optional courses offered by the University in any given semester.

In addition to the requirements for earned credits, a cumulative grade point average (GPA) of minimum 2.2 on a scale of 0.0 – 4.0 must be attained.

MSc Environment Management, Disaster Management, Occupational Health and Safety

MSc: 2 years; 66 semester credit hours
Eligibility: BA/BSc/BE/BSc Engg/MBBS/BBA or Equivalent qualification

**CORE COURSES - MSc Environment Management**

(30 Semester Credits)
- Introduction to Environment Management
- Environmental Impact Assessment
- Environment and Development
- Project Management Fundamentals
- Environmental Regulation
- Theories of Environment Management
- Environmental Appraisal
- Ecological Systems
- Research Methods
- Project Proposals and Report Writing

**ELECTIVE COURSES - Environment Management**

(30 Semester Credits)
- Environmental Policy
- Advocacy in Environment
- Communication Strategies in Environment
- Advanced Approaches to EIA
- Politics of Environment
- Air and Water Pollution Assessment
- Biological Impact Assessment
- Noise Pollution Impact Assessment
- Sociocultural Impact Assessment
- Environmental Economics
- Environment and Health Policy
- Disasters and Development

**CORE COURSES - MSc Disaster Risk Management**

(30 Semester Credits)
- Fundamentals of Disaster Risk Management
- Principles of Disaster Management
- Crisis Management
- Disaster Preparedness and Management
- Post-Disaster Management
- Project Management Fundamentals
- Disaster Management Policy
- Environmental Appraisal
- Research Methods
- Project Proposals and Report Writing

**ELECTIVE COURSES - Disaster Risk Management**

(30 Semester Credits)
- Disasters and Development
- Advanced Risk Analysis
- GIS and Early Warning Systems
- Environmental Risk Assessment
- Risk Mitigation Strategies
- National Disasters Management Policy
- Disaster Risk Mitigation
- Public Awareness Management
- Relief Operations Management
- Social and Psychological Issues
- Community Mobilization Techniques

**CORE COURSES - MSc Occupational Health and Safety**

(30 Semester Credits)
- Introduction to Occupational Health
- Introduction to Occupational Safety
- Theories in Occupational Hazards
- Occupational Health and Safety Policy
- Health and Safety Regulations
- Ergonomics
- Project Management Fundamentals
- Environmental Appraisal
- Research Methods
- Project Proposals and Report Writing

**ELECTIVE COURSES - Occupational Health and Safety**

(30 Semester Credits)
- Regulatory and Institutional Mechanisms
- Monitoring and Evaluation Systems
- Disaster Risk Reduction
- Advanced Occupational Health Issues
- Advanced Occupational Safety Issues
- Communication Strategies in Health and Safety
- Employee Training in Health and Safety
- Legal Aspects in Health and Safety
- Psychological Aspects in Health and Safety
- Post Disaster Management
Class Attendance

Regular class attendance is expected of all students. It is mandatory to maintain a minimum 70% attendance in all courses at the university. In case of excessive absences a student will not be allowed to sit for the final examination.

Textbooks

All students registering for courses must obtain the textbooks recommended by the faculty from the Preston bookstore or from the general bookstore whichever is convenient.

Availability of Courses

Preston University does not guarantee that the courses listed in this prospectus will be offered in any given term or year. The University also reserves the right to cancel any course or section for which enrolment is insufficient and to change the instructor and/or classes without advance notice.

Academic Facilities and Services

Each campus location of Preston in Pakistan, has extensive academic facilities including classrooms, computers, laboratories, libraries, workshops, and abundant space for administrative and teaching staff, common areas for students, canteen etc. All classrooms and major facilities are fully air-conditioned. Modern audiovisual aids, including video equipment, slide projectors, overhead projectors and multimedia are available for the faculty to use in the classrooms. The students also use these facilities for making presentations of their research projects and term papers.

Library Resources

Each Preston campus in Pakistan has its own library stocked with latest editions of leading textbooks, reference books, periodicals, journals, videos, audio cassettes, and CDs. The total holdings exceed 70,000 volumes. Books and journals are continuously added to the library collections.

Financial Assistance / Scholarships

Preston provides a variety of financial assistance according to the needs of the students who are unable to meet the full cost of their education. Preston also provides a specific scholarship (25% on admission fee and monthly tuition fee) to serving or retired military personnel belonging to Pakistan’s Armed Forces or the Police Department and to the employees of the Federal and Provincial Governments.

All scholarships are provided after an assessment based on the needs and merit of the applicant. No candidate can claim automatic award of scholarship on any basis. Scholarship once awarded to a student may be cancelled if the student is unable to maintain satisfactory academic performance. Scholarship application must be submitted on prescribed forms on or before the deadline for submission of application for admission.