

ADMISSION GUIDE

FALL 2021



THE
UNIVERSITY OF
LAHORE

Department of Environmental Sciences

For Inquiry:

Admission Office:

UAN: 042 111 865 865

1-Km Defence Road, Off Raiwind Road, Near Bhoptian Chowk Lahore.

Web: www.uol.edu.pk Email: admissions@uol.edu.pk

Program Name: BS Environmental Sciences
Entry Requirements: 12 years of education (Higher Secondary School Certificate/ Intermediate) F.Sc. (Pre-Medical, Pre-Engineering)/ ICS/ DAE/ A-Level or Equivalent with at least 45% marks.
Program Duration: 4 Years (08 semesters) 129 Credit Hours Fulltime
Program Recognition: Higher Education Commission of Pakistan (HEC)

Program Name: MPhil. Environmental Sciences
Entry Requirements: 16 Years of education/ MSc/ BS or equivalent in relevant field (Environmental Sciences, Natural Sciences, Biological Sciences, Agricultural Sciences, Atmospheric Sciences, Soil Science, Physics, Chemistry, Wildlife & Zoology, Botany, Forestry, Geography, Geology) with minimum 45% marks in annual system or 2.50 CGPA (out of 4.00) in semester system. Applicants must have science background in Intermediate. There will be UOL test and interview for all the applicants.
Program Duration: 1.5 Years to 04 Years 30 Credit Hours - Weekend
Timings: 1:00 PM to 08:00 PM on Saturday, 8:00 AM to 5:00 PM on Sunday
Program Recognition: Higher Education Commission of Pakistan (HEC)

Career Prospects

The scope of environmental science has increased with growing environmental concerns. In the public sector, there are various jobs at local, provincial and federal government levels. In private sector, environmental consultancies and firms have job opportunities for environmental graduates. The UN Organizations and WWF-Pakistan have also established environmental sections. Environmental graduates have job opportunities in the following departments and organizations;

- Ministry of Climate Change
- Environmental Protection Department (All Provinces)
- Water and Sanitation Agency
- Waste Management Companies (Major Cities)
- Forest Department
- The Urban Unit Lahore, Lahore Development Authority
- Water and Power Development Authority
- Mineral Water Companies
- Universities & Research Organizations
- WWF-Pakistan, UNEP-Pakistan
- Environmental Consultancies, Construction Companies
- Occupational Safety Professionals, All Major Industries

Guidelines for Admission Test and Interview

General Guidelines:

- The test contains 100 Multiple Choice Questions (MCQs).
- There will be no negative marking in case of incorrect answer.
- Duration of the admission test will be 120 minutes.
- Passing marks in admission test will be 50.

Admission Test Pattern:

BS Environmental Sciences

- Admission test has been divided into following sections;

i. Biology	=	20
ii. Physics	=	20
iii. Chemistry	=	20
iv. Mathematics	=	15
v. English	=	10
vi. Computer	=	10
vii. General Knowledge	=	05

MPhil. Environmental Sciences

- Admission test has been divided into following sections;

i. Environmental Sciences	=	50
ii. Mathematics	=	15
iii. English	=	15
iv. Computer	=	15
v. Analytical	=	05

Interview:

Applicant's interview will be after admission test.

SAMPLE TEST BS LEVEL
(Time Allowed: Two Hours)

Instruction: The test contains multiple choice questions (MCQs). Choose the best possible option and use pencil to fill the circle on answer sheet.

Section I: Physics, Chemistry, Biology

1. An animal that consumes both animals and plants are known as
 - a. Herbivore
 - b. Carnivore
 - c. Omnivore
 - d. All of above

2. Smoking is the most potential threat of
 - a. Skin cancer
 - b. Lung Cancer
 - c. Breast Cancer
 - d. Blood Cancer

3. A _____ is a group of living organisms of the same species located in the same place at the same time.
 - a. Community
 - b. Population
 - c. Both a and b
 - d. None

4. "Every action has an equal and opposite reaction" is Newton's
 - a. First law.
 - b. Second law.
 - c. Third law.
 - d. Fourth law.

5. Symbol for distance is
 - a. s.
 - b. d.
 - c. dt.
 - d. a

6. Instrument used to measure temperature is termed as
 - a. Barometer.
 - a. Thermometer.
 - b. Manometer.
 - c. Galvanometer.

7. The Chemical Symbol of Sodium is
 - a. So
 - b. Sd
 - c. Na
 - d. Nu

Section II: English

Analogy: Each of the following question carries a related pair of words, or phrases, followed by four options. Please select the most appropriate option

8. HOUSE: BIG

- b. A) Home: Live B) School: Daily
c. C) Water: Cold D) Clothes: Socks

Sentence Completion: Select the correct answer to complete the following sentences.

9. Multan _____ a very hot climate.

- A) has B) have C) has been D) with

Antonyms: Choose the lettered word or phrase that is most nearly opposite in meaning to the word in capital letters.

10. Scold

- A) Berate B) Punish C) Admire D) Notorious

Section III: Math, Computer Section, General Knowledge

11. The _____ is a worldwide collection of networks that connect billions of businesses, government agencies, educational institutions and individuals.

- A) internet B) network C) server D) website

12. Computer applications is especially important in _____ sectors.

- A) science B) publishing C) manufacturing D) all

13. Which one of these is the correct area of Pakistan?

- A. 796,096 km² C. 752,385 km²
B. 859,286 km² D. 106,852 km²

14. Pakistan has a dark green and white rectangular flag in the proportion of length to width.

- A) 3-2 B) 2-3 C) 3-1 D) None of these

15. Which one of these is the largest province of Pakistan by area?

- A) Punjab B) Balochistan C) Sindh D) KPK

16. Ratio of number of boys to girls is 5:3, what is the percentage of girls?

- A) 32.5% B) 35.5% C) 36.5% D) 37.5%

17. The price of a product changed from Rs. 200 to Rs. 300, percent price increase is _____.

- A) 10% B) 20 % C) 50% D) 75%