

# ADMISSION GUIDE

## FALL 2021



THE  
UNIVERSITY OF  
LAHORE

## Department of Mathematics and Statistics

**For Inquiry:**

**Admission Office:**

**UAN: 042 111 865 865**

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

Web: [www.uol.edu.pk](http://www.uol.edu.pk) Email: [admissions@uol.edu.pk](mailto:admissions@uol.edu.pk)

**Program Name:** **Bachelor of Science in Mathematics**  
**Program Eligibility:** Minimum (45%) 12 years of education/HSSC Intermediate, FA with Mathematics/ F.Sc / ICS / A- Levels, (Physics & Mathematics Combination) DAE or equivalent with minimum 60% marks.  
**Program Duration:** 4 Years (08 semesters)  
**16 Years BS Mathematics:**  
Those who have completed 14 Years of education (B.Sc.) with double math or equivalent with 45, a fast track enrollment is allowed in the 5th semester along with 4 Years BS Math Program. Deficiency courses may be offered to those who are in need of it.

**Program Name:** **Bachelor of Science in Statistics**  
**Program Eligibility:** Minimum (45%) 12 years of education/HSSC Intermediate, FA with Mathematics/ F.Sc / ICS / A- Levels, (Physics & Mathematics Combination) DAE or equivalent with minimum 60% marks.  
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**Program Name:** **Master of Philosophy in Mathematics (M.Phil.)**  
**Program Eligibility:** Minimum 45% in annual system or 2.50 (4.00) CGPA in semester system 16 years of education in relevant field, BS 4 years degree program (minimum 130 credit Hours), M.Sc. 2 years from a HEC recognized University/Institute. UOL entry test is mandatory.  
**Program Duration:** **2 Years** (04 semesters)

**Program Name:** **Doctor of Philosophy in Mathematics (PhD)**  
**Program Eligibility:** 18 Years of Education, MS/MPhil or Equivalent degree from HEC recognized university with minimum 3.00/4.00 CGPA in semester system or 60% marks in annual system. All the applicants having MS/MPhil or Equivalent degree (18 Years Education) may be given waiver in coursework as per HEC policy. GRE/GAT Subject test or UOL Entry Test with minimum of 60% marks.

**Program Duration:** **3 Years** (06 Semesters)

**Schedule of Classes:** **Weekdays-** Morning–Monday to Friday (8:00am to 5:00pm) for BS Program  
**Weekend-** Morning–Saturday & Sunday (9:00am to 6:00pm) for M.Phil. & PhD program

# SAMPLE TEST

**Section 1**  
Graduate

Time Allowed: 120 Minutes  
Questions: 100

Choose the correct answer for each question and **encircle** the corresponding choice on answer sheet.

## Mathematics

- The order and degree of the differential equation  $\frac{dy}{dx} = 4\frac{d^3y}{dx^3}$  is
  - 1 and 1
  - 3 and 2
  - 3 and 1
  - 1 and 2
- $\frac{1}{D^2}(\sin x) = ?$  Where  $D = d/dx$ 
  - $\sin x$
  - $\cos x$
  - $-\sin x$
  - $-\cos x$

## ENGLISH

- He is quite good ----- making paintings
  - in
  - at
  - on
  - about
- The doctor advised him ----- eat rice.
  - do not
  - to not
  - not to
  - prohibit

## ANALYTICAL

- Who could act as a translator for a conversation between Bushra and Chand?
  - I only
  - I & II
  - I, II & III
  - II, III & IV