ADMISSION GUIDE

Department of Civil Engineering
Undergraduate & Postgraduate Programs

1-Km Raiwind Road Lahore.
1-Km Defense Road, Off Raiwind Road, Near Bhohtian Chowk Lahore.
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Mobile No.: 0321-4569555, 0322-4569555, 0321-4569333, 0322-4569333
Web: www.uol.edu.pk Emil: admissions@uol.edu.pk
<table>
<thead>
<tr>
<th>Program Name:</th>
<th>BS IN CIVIL ENGINEERING (Only Offered in Fall)</th>
</tr>
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<tbody>
<tr>
<td>Entry Requirements:</td>
<td>Minimum 60% F.Sc (Pre-Engg.)/DAE (Civil)/A-Levels</td>
</tr>
<tr>
<td>Program Duration:</td>
<td>4 Years (08 semesters) 136 Credit Hours Fulltime</td>
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<tr>
<td>Program Recognition:</td>
<td>Pakistan Engineering Council &amp; HEC</td>
</tr>
<tr>
<td>Program Location:</td>
<td>Raiwind Road Campus</td>
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<table>
<thead>
<tr>
<th>Program Name:</th>
<th>MASTER OF SCIENCE IN CIVIL ENGINEERING (MSCE)</th>
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<tr>
<td>Entry Requirements:</td>
<td>Minimum 60% or 2.50 CGPA in BS Civil Engineering. However, for the Environmental Engineering program, students with a B.Sc. engineering degree from other disciplines like Chemical and Environmental Engineering may be considered on case by case basis. UOL test and interview.</td>
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<tr>
<td>Program Duration:</td>
<td>2 Years (04 semesters) 30 Credit Hours Evening</td>
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<tr>
<td>Program Recognition:</td>
<td>HEC</td>
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<tr>
<td>Program Location:</td>
<td>Raiwind Road Campus</td>
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<table>
<thead>
<tr>
<th>Program Name:</th>
<th>DOCTOR OF PHILOSOPHY IN CIVIL ENGINEERING (PHD)</th>
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<tbody>
<tr>
<td>Structures</td>
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<tr>
<td>Geotechnical</td>
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<tr>
<td>Hydraulics &amp; Irrigation</td>
<td></td>
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<tr>
<td>Environment</td>
<td></td>
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<tr>
<td>Entry Requirements:</td>
<td>Minimum CGPA of 3.00 (4.00) in Semester System or 60% marks (First Division in the Annual System) in M.Phil. /M.Sc. or Equivalent degree is required.</td>
</tr>
<tr>
<td>Program Duration:</td>
<td>3 Years (06 semesters) 48 Credit Hours Evening</td>
</tr>
<tr>
<td>Program Recognition:</td>
<td>HEC</td>
</tr>
<tr>
<td>Program Location:</td>
<td>Raiwind Road Campus</td>
</tr>
</tbody>
</table>

**Instructions for Applicants:**

1. Incomplete Admission Forms will be rejected. Documents once submitted are non-returnable.
2. The applicants are encouraged to read the following information before filling up the Admission Form carefully and avoid overwriting.
3. The applicant either male or female, who fulfills the requirements prescribed by the University and conditions mentioned in the prospectus, is eligible to apply for admission.
4. The selection of applicant shall be on merit, determined on the basis of marks obtained in the last examination, entry test and such other criteria as University may determine.
5. Application for admission must be made on the prescribed form annexed to the Prospectus which may be obtained from Admission Office on payment of Rs.1500/- during office hours. An applicant can also download the Admission Form from the University website and send it through courier. In such cases, he or she will send a bank draft of Rs. 1700/- in favour of “The University of Lahore”. The foreign applicants will send a bank draft of US$ 25/-. 
6. An applicant can apply in four degree programs at a time. However, he or she will be charged Rs. 300/- per choice excluding the first one.

7. Certified photocopies of the following documents are required to be attached with the Admission Form:
   a) 02 colored passport size photographs
   b) Metric, Inter, Bachelor and Master degrees
   c) CNIC card of the applicant or Form B of applicant or his father

8. Don’t attach Domicile, Character and Hope Certificate with Admission Form.

9. In case, an applicant does not have certified copies of the required documents, the same may be attested by University Admission Officer on submission of the original documents.

10. Applicants awaiting final exam result or those who have appeared in supplementary exam are eligible to apply for admission. However, in such cases, they will be deprived of qualification weight-age and will be purely evaluated on the basis of their test score.

11. The applicants bearing O-Level, A-Level qualification or equivalent are required to submit their IBCC Equivalence Certificate in order to determine their eligibility. If an applicant fails to produce the same, he or she will not be given qualification weight-age.

12. The foreign applicants are required to attach the following additional documents with the Admission Form:
   a) Proof of Citizenship
   b) Copy of Passport
   c) Copy of Visa
   d) Visa issuance and expiry proof
   e) Copy of ID card

13. Please mention your mailing address clearly. The Admission Form must be filled and signed by the applicant.

14. In order to get admission in MS/M.Phil. Programs, the applicants are required to qualify UOL Entrance Test, Interview or both. The successful applicants will have to qualify NTS test after admission as per policy of HEC. If they fail to do the needful, they will not be issued degree and final transcript. For admission in Ph.D., GRE (subject) test is mandatory.

15. Hostel facility available for male & female. The rent per room is Rs. 9000/- per month (approx). The University transport is available throughout the Lahore City.

16. All admissions are granted on “Provisional” basis. It is the sole responsibility of the selected applicants to provide proof of their eligibility within 3 weeks of the declaration of the result failing which their admission will be cancelled.

17. The applicants are strongly encouraged to take special care of the fee deadlines otherwise he or she will be deprived of admission.

18. In order to avoid any inconvenience, please submit your Admission Form before the admission closing date.

19. The University is authorized to amend its rules including fee any time without prior intimation.
20. The University has not authorized any publisher or person for preparation of its Entrance Tests. So please be-aware of such elements.

21. Incomplete Admission Forms will be rejected. Documents once submitted are non-returnable.

**SAMPLE TEST BS LEVEL**

<table>
<thead>
<tr>
<th>Section 1</th>
<th>Undergraduate</th>
<th>Time Allowed: 30 Minutes</th>
<th>Questions: 20</th>
<th>Choose the correct answer for each question and encircle the corresponding choice on answer sheet.</th>
</tr>
</thead>
</table>

**ENGLISH SECTION**

**Instructions**
1) Indicate your choice by encircling the corresponding choice on the answer sheet.

**PART -1 READING COMPREHENSION**

**Directions**: Read the two passages and answer all the questions.

In late infancy, the baby takes an interest in games, songs and even books. Progress toward walking moves through standing, balancing, bouncing in place and walking with others. As soon as the baby walks well alone, it has passed from infancy into the active toddler stage.

**PART -2- VOCABULARY**

**Directions**: choose the answer which best explains the meaning of the word in bold type

1) Our Company has just **acquired** two new tractors.
   A. bought
   B. purchased
   C. stolen
   D. obtained

<table>
<thead>
<tr>
<th>Section 2</th>
<th>Undergraduate</th>
<th>Time: 30 Minutes</th>
<th>Questions: 25</th>
<th>Choose the correct answer for each question and encircle the corresponding choice on answer sheet.</th>
</tr>
</thead>
</table>

**MATHEMATCIS (Aptitude Section)**

**Instructions**
1) Indicate your choice by encircling the corresponding choice on the answer sheet.
2) You can solve each problem while deciding the best of the choices given, using any available space on the question booklet.

1) If $5c + 3 = 3c + 5$, what is the value of $c$?
MATHEMATICS (Achievement Section)

Instructions
1) Indicate your choice by encircling the corresponding choice on the answer sheet.
2) You can solve each problem while deciding the best of the choices given, using any available space on the question booklet.

1) The next term in the sequence is 3, 9, 19, 33, 51... is
   A. 55
   B. 63
   C. 47
   D. None of the above

PHYSICS (Aptitude Section)

Instructions
1) Indicate your choice by encircling the corresponding choice on the answer sheet.
2) You can solve each problem while deciding the best of the choices given, using any available space on the question booklet.

1) An object with the greatest temperature will appear
   A. Green
   B. Blue
   C. White
   D. Orange Red

PHYSICS (Achievement Section)

Instructions
1) Indicate your choice by encircling the corresponding choice on the answer sheet.
2) You can solve each problem while deciding the best of the choices given, using any available space on the question booklet.

1) \( \mathbf{A} \times \mathbf{B} = 0 \), then
   A. They are parallel
   B. Either \( \mathbf{A} \) or \( \mathbf{B} \) is null vector
   C. The vectors are equal to each other
   D. The vectors are opposite in direction

SAMPLE TEST MSCE

<table>
<thead>
<tr>
<th>Graduate</th>
<th>Time Allowed: 02 Hours Minutes</th>
<th>Attempt all sections. All questions are of worth 1 mark each. Please do not write anything on the question paper. Extra sheet will be provided on demand for the calculations. Return this document after entry test.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Time</td>
<td>Allowed: 02 Hours Minutes</td>
<td></td>
</tr>
<tr>
<td>Duration</td>
<td>02 Hours Minutes</td>
<td></td>
</tr>
<tr>
<td>Title</td>
<td>marks: 100</td>
<td></td>
</tr>
<tr>
<td>Questions</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Instructions
Indicate your choice by encircling the corresponding choice on the answer sheet

Mathematics (Section-A)

3) \( f(x) = \sqrt{x^2 - y^2} \) Then \( \frac{df}{dy} \) is
   a) \(-2y\)
   b) \(-2(2y)\)
   c) \(\frac{y}{\sqrt{x^2 + y^2}}\)
   d) \(\frac{-y}{\sqrt{x^2 - y^2}}\)

Key (d)

4) \( \int \sec x \, dx \)

Structural Engineering (Section-B)

1. The Minimum thickness of the cover at the end of a reinforcing bar should not be less than twice the diameter of the bar subject to a minimum of:
   a) 10 mm
   b) 15 mm
   c) 20 mm
   d) 25 mm
   e) 30 mm
Geotechnical Engineering (Section-C)

The water content of soil is defined as the ratio of:

a) volume of water to volume of given soil  
b) volume of water to volume of voids in soil  
c) weight of water to weight of air in voids  
d) weight of water to weight of solids of given mass of soil

Hydraulic & Irrigation Engineering (Section-D)

1. The intensity of Irrigation means:

a) Percentage of Culturable Commanded Area to be irrigated annually  
b) Percentage of gross commanded area to be irrigated annually  
c) Percentage of the mean of culturable commanded area and the gross commanded area to be irrigated annually  
d) total depth of water supplied by the number of watering.

Environmental Engineering (Section-E)

1. Chlorofluorocarbons (CFCs) are gases that are released mainly from

a) Leather Tanning Industry  
b) Refrigeration Industry  
c) Burning of garbage  
d) Biodegradation of Organic matter