

**KATHMANDU UNIVERSITY**  
School of Engineering  
**Master Degree Programs** (Course Based)  
Call for Application for Admission 2016  
**Information for the Applicants**

**1. Program Specific Application Eligibility and Selection Procedure:**

**A) Master of Engineering in Computer Engineering**

**Department Responsible:** Department of Computer Science and Engineering

**Intake Capacity:** 10

**Application Eligibility Criterion:** Four year Bachelor of Engineering Degree in Computer Engineering or related discipline completed with minimum 50% marks on aggregate or CGPA of 2.0 (on a maximum 4 point grading system) from any recognized institution.

**Selection Procedure:**

**Admission Test:** Candidate will be tested for their aptitude with Written Test or Interview or Both depending on the decision of the Department of Computer Science and Engineering. The department may short-list candidates prior to the admission test/interview.

**B) Master of Technology (M. Tech.) in Information Technology**

**Department Responsible:** Department of Computer Science and Engineering

**Intake Capacity:** 10

**Application Eligibility Criterion:** Applicants satisfying one of the following criteria with minimum 50% marks on aggregate or CGPA of 2.0 (on a maximum 4 point grading system) in their qualifying degree (highest degree) from any recognized institution.

1. Completion of a four year Bachelors Degree in Engineering / Technology / Architecture / Computer Application (with honours), or
2. Total of at least 16 years of education with Science background, or
3. M.Sc. in Physics, Chemistry, Mathematics, Statistics or any other related field

**Selection Procedure:**

**Admission Test:** Candidate will be tested for their aptitude with Written Test or Interview or Both depending on the decision of the Department of Computer Science and Engineering. The department may short-list candidates prior to the admission test/interview.

**C) Master in Planning and Operation of Energy Systems**

**Department Responsible:** Department of Mechanical Engineering

**Intake Capacity:** 10

**Application Eligibility Criterion:** Bachelor's Degree in Mechanical or Electrical & Electronics or Civil or Environmental or Agriculture Engineering subjects or equivalent with minimum 50% marks in aggregate or minimum CGPA of 2.0 (on a maximum 4 point grading system) from any recognized institution.

**Selection Procedure:**

**Admission Test:** Candidate will be tested for their aptitude with Written Test or Interview or Both depending on the decision of the Department of Mechanical Engineering. The department may short-list candidates prior to the admission test/interview.

**D) Master of Engineering in Structural Engineering**

**Department Responsible:** Department of Civil and Geomatics Engineering

**Intake Capacity:** 10

**Application Eligibility Criterion:** Four year Bachelor of Engineering Degree in Civil Engineering completed with minimum 50% aggregate or CGPA of 2.0 from any recognized institution.

**Selection Procedure:**

**Admission Test:** Candidate will be tested for their aptitude with focus on Mathematics and Structural Engineering Components of Civil Engineering through Written Test or Interview or Both depending on the decision of the Department of Civil and Geomatics Engineering. The department may short-list candidates prior to the admission test/interview.

**Topics for Test in General:** Engineering Mathematics, Strength of Materials, Structural Analysis (Determinate and Indeterminate), RCC (Limit State Design), Steel and Timber Structures, Soil Mechanics and Foundation Engineering.

### E) Master in Land Administration

**Department Responsible:** Department of Civil and Geomatics Engineering

**Collaborating Organization/Institution:**

1. Land Management Training Centre (LMTC) under Ministry of Land Reform and Management
2. School of Arts, KU

**Intake Capacity:** 20 (In general, 10 candidates from government service and 10 from general candidates)

**Program Specific Scholarship Provision:** Admitted candidates who are in government service will get fee waiver as provisioned in the MoU between LMTC and KU.

**Application Eligibility Criterion:** The program accepts application from fresh graduates as well as mid-career trained and/or experienced professionals in land related disciplines. All candidates shall have completed Bachelor Degree with minimum 50% aggregate or CGPA of 2.0 from any recognized institution. Based on candidate's educational background, additional qualifications may be required for eligibility as indicated in the table below.

Candidate's Academic Qualification	Years of formal study/education in minimum	Work Experience Requirement
4 Year Bachelors Degree in Science, Applied Science or Engineering	16 years	
Bachelor's Degree of 3 years or Masters in any discipline	15 years	At least 3 years experience in land related discipline or law
Bachelor's Degree of 2 years with Senior Survey Course completed	14 years	At least 3 years experience in land related discipline or law
Bachelor's Degree of 2 years and Post Graduate Diploma or equivalent in land related discipline	14 years	At least 3 years experience in land related discipline or law

#### Selection Procedure:

**Admission Test:** Candidate will be tested for their aptitude with focus on Mathematics, English, Surveying & Mapping, Land Administration through Written Test or Interview or Both depending on the decision of the Department of Civil and Geomatics Engineering and LMTC. The department and LMTC may short-list candidates prior to the admission test/interview.

**Topics for Test in General:** Elementary Mathematics, General Knowledge on Land Administration, Management and Land Related Laws, General Knowledge on Surveying and Mapping, General English Communications Skill and Grammar.

## 2. Additional Information:

### Fees and Payment Information:

Total course fee for the two year (4 semesters) study period is NRs 320,000/- (regular fee) for ordinary Nepalese students. The fee for sponsored candidate is 1.5 times the regular fee. Fee for SAARC country international candidate is 1.5 times the regular fee and for other country is 2.0 times the regular fee. Extension of period of study may subject to requirement of payment of additional fees for the extended study period.

Fee to be paid at the time of admission for ordinary Nepalese student is NRs. 100,000/- that includes first instalment of first semester fee. Rest of the fee shall be paid in two instalments per semester.

### Financial Aid and Scholarship/Assistantship:

After admission, students can apply for UGC formula funding based scholarship as stated in the MoU between KU and UGC. Under the MoU, to attract bright and needy students, university may waive fees for up to 20% of the students in Master Programs. The government subsidy will cover the amount of fees waived. The Government may however choose to cap the maximum enrolment for which this arrangement will apply.

Graduate students are in general given opportunity of teaching assistantships or research assistantship based on their status, ability, experience, and need of the enrolled departments. The assistantships are generally provided to cover part of the fees of the student unless otherwise agreed.

Additional sponsorship, scholarship or assistantship may be available depending on availability of such provision for any particular program. Contact the responsible department for such provisions.

### Provisional Application

Candidates who are awaiting the final results of their highest qualifying degree and expect that the result will be published within a month of application/admission can also apply on a provisional basis.

### Right of Suspension/Delay of Any Program

In case, the number of seats filled is less than 50% of the intake capacity of any program by two weeks of start of academic session for the master programs, the School may decide to suspend the program and return all the fees paid by the admitted students within a week of declaration of suspension of the program. The School may also inform in advance selected candidates about possibility of suspension of any program due to expectation of less than 50% of the intake capacity occupancy and withheld admission process of the selected candidates until further notice.

### Tentative Schedule of Admission Process

Schedule	Date/Period/Deadline
Complete Application Submission	25 October 2016
<b>Admission Test/Interview</b>	<b>27-28 October 2016</b>
Admission of Selected Candidate	3-9 November 2016
Admitted student orientation	10 November 2016
<b>Start of Academic Session</b>	<b>13 November 2016</b>

**Note:** Schedule may be adjusted by the concerned department. Any adjusted schedule will be notified.

*For inquiry about application process and further information on specific programs, contact:*

1. Department of Civil and Geomatics Engineering for ME in Structural Engineering & Master in Land Administration. E-mail: [prachand@ku.edu.np](mailto:prachand@ku.edu.np)
2. Department of Computer Science and Engineering for M. Tech. in Information Technology & ME in Computer Engineering. E-mail: [manish@ku.edu.np](mailto:manish@ku.edu.np)
3. Department of Mechanical Engineering for Master in Planning and Operation of Energy Systems (MPPOES). E-mail: [hari@ku.edu.np](mailto:hari@ku.edu.np)