



KATHMANDU UNIVERSITY

School Of Engineering

Department of Civil and Geomatics Engineering

Graduate Programs

Kathmandu University

Kathmandu University is an autonomous, not-for-profit, non - government institution dedicated to maintain high standards of academic excellence. It is committed to develop leaders in professional areas through quality education.

The objectives of the university are to:

- Promote all-round development of the students' abilities and personalities;
- Develop awareness about the role of science and its application in understanding problems of the contemporary society;
- Extend and disseminate knowledge and foster its application;
- Create knowledge industry through accessing the sources of knowledge at the global level, processing them and providing access to such knowledge to the people.
- Establish a community of scholars, students, and staff in which understanding and wisdom can grow and flourish.



School of Engineering

The School of Engineering was established in September 19, 1994 and has been running undergraduate and graduate level programs in many areas.

The aims of the School of Engineering are to:

- Produce engineering manpower of high academic standard, well suited to the job market.
- Attend academic excellence in engineering education research;
- Continuously develop research facilities for both individual and institutional research
- Help students to become result-oriented and stimulate their creativity
- Provide consulting services in related areas.

Department of Civil and Geomatics Engineering

The Department of Civil and Geomatics Engineering runs under the School of Engineering of Kathmandu University. The Department offers undergraduate and graduates degree programs in Civil and Geomatics Engineering fields.

Graduate Programs

The department offers two graduate programs .They are:

- Master in Land Administration
- M.S. by Research

Master in Land Administration (In collaboration with KU, School of Arts & Land Management Training Center)

Land Administration is a discipline that integrates various land issues from different disciplines such as legal, social, economic, technical, planning, management and so on. The strengthening of Land Administration system is at high agenda of Nepal government. The sufficient number of efficient land professionals is required in order to fulfill the mission. However, there exist major gaps in providing education in all other aspects of land Administration and management. Moreover in the scenario of federalism of the state, the country needs to develop strong land professionals. Similarly, in the implementation level of recently formulated land use policy it is very important to develop the land professionals.

This is the program of KU, School of Engineering in collaboration with KU, School of Arts and Nepal Government, Ministry of Land Reform and Management, Land Management Training Center.

Vision

To become centre of excellence by providing quality education and research for leadership in the land administration sector in joint cooperation with government.

Objectives

- To produce graduate level highly skilled and qualified professionals in the field of land Administration.
- To conduct and promote research and development activities in the field of land administration/ management.



Semester I Credits 18

Geo Information Technology and Land Administration
 Principle of GIS
 Principle of Remote Sensing
 Database and Geoinformation Modeling for LA
 Land Information System
 Data Handling Technologies

Semester II Credits 18

Principle of Land Administration
 Land Policy and Land management
 Business Administration and Organizational Development
 Land Information Infrastructure
 Project Management
 Individual Project Assignment

Semester III Credits 15

Land Economics
 Land Laws
 Research Method and Skills
 Proposal writing
 Elective I
 Elective II

Semester IV Credits 9

Research

Electives:

- Land Governance
- Spatial Decision Support System
- SDI
- Participatory mapping and GIS
- Advance Urban land use change and modeling
- Land use planning and management
- Integrated assessment: Applying principle of cost benefit analysis and economics in spatial planning

Admission Requirements

Sno.	Candidate Types	Minimum numbers of years of study (School/University Education)	Work Experience	Grade in Bachelor level	Remarks
1	Fresh Graduates with Bachelors Degree in Science, Applied Science or Engineering.	Minimum 16 years	-	2.0 CGPA or 50% in aggregate	
2	Mid career professionals with Bachelor's Degree of 3 years in any discipline or Master in any discipline	Minimum 15 years	At least 3 years experience in land related discipline or law	2.0 CGPA or 50% in aggregate	
3	Mid career professionals with Bachelor's Degree of 2 years in Science	Minimum 14 years + Senior Survey Course	At least 3 years experience in land related discipline	2.0 CGPA or 50% in aggregate	Eligible criteria for some international institutions like ITC to undertake Master degree.
4	Mid career professional with Post Graduate Diploma or equivalent in Land related discipline	Minimum 14 years	At least 3 years experience in land related discipline	2.0 CGPA or 50% in aggregate	Direct Entry to Master in L and Administration

Fees

The total tuition fee for full time student is approximately NRs 270000 for two years.

Fees for non-Nepali students:

SAARC country: one and half times the normal fee,

Any other country: double the normal fee.

Scholarship:

Kathmandu University, School of Engineering and Land Management Training Center have jointly submitted the proposal to Ministry of Land Reform and Management for providing scholarship to minimum 10 Government candidates.

Assistantship:

Financial aid is available to selective full paying students in the form of graduate teaching assistantships. The duties of the teaching assistant generally include lecturing or assisting in a laboratory and for introductory undergraduate surveying courses.

Contact:

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