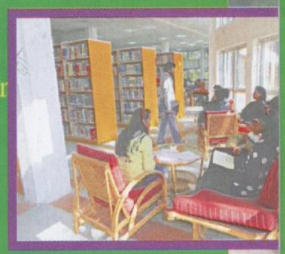
Scholarships

- Each semester GPA merit based full tuition fee waiver scholarships per 30 students intake capacity
- Need and merit based partial tuition fee waiver scholarships as per KU provision.
- Loan Scholarship



Facilities

- Library and Information Services
- Hostels; Bus facility; Sports facility; Swimming pool
- Departmental Students' Club: Nature and Social Concern Society (NSCS)

Cost of Program

Total cost of the four-year B. Sc. in Environmental Science for 2019 intake is NRs. 725,000. Details can be obtained at KU.

Evaluation

Performance is continuously assessed through in-semester and end-semester evaluations. Evaluation criteria such as class participation, class tests, assignments, presentations, practical exam, mini-projects are used. At the end of the semester, letter grades are awarded.

Faculty

Prof. Dr. Subodh Sharma (Registrar - KU)
Prof. Dr. Bibhuti Ranjan Jha
Dr. Rijan Bhakta Kayastha (Head of the Department)
Dr. Bed Mani Dahal
Dr. Kumud Raj Kafle
Mrs. Sabita Aryal Khanna
Mr. Sandeep Shrestha
Mr. Rabindra Pokhrel
Dr. Smriti Gurung
Dr. Kundan Lal Shrestha (Coordinator - Environmental Engineering)
Dr. Bikash Adhikari
Dr. Nani Raut
Dr. Anish Ghimire
Mr. Subodh Luitel

Lab and Office Staff

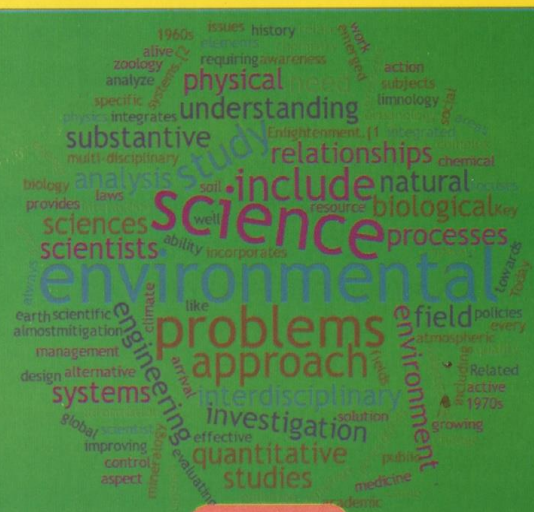
Mrs. Binita Thapa
Mr. Sakul Dhakal

Department of Environmental Science and Engineering

School of Science,
Kathmandu University
Dhulikhel, Kavre, Nepal

http://ese.ku.edu.np
Phone: 977-011-415100,
Email: ese_hod@ku.edu.np

B. Sc. in Environmental Science



2019

Department of Environmental Science and Engineering

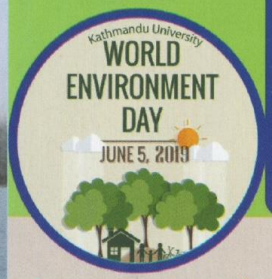
http://ese.ku.edu.np

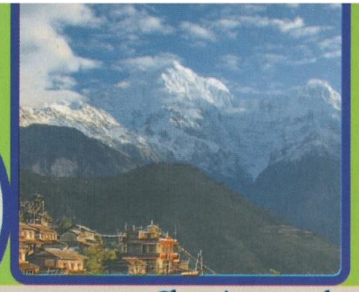
Program

Kathmandu University (KU) was established by the act of parliament of Nepal in November 1991, as an autonomous, not-for-profit, non-government institution dedicated to maintaining high standards of academic excellence.

The Bachelor of Science in Environmental Science program, the first such program in Nepal, was launched by KU in August 1996.

The students will develop ability to keenly observe the Environment that surrounds them, which is not usually even noticed until a critical point is reached. It will give them knowledge, which will be holistic, and skill, which will be creative. Today, in the name of development, severe environmental degradations are being carried out. Many lakes, rivers, pastures and marshes have become repository of various pollutants, atmosphere is filled with dusts and greenhouse gases, lands have been denuded and soil has become sterile. Massive deforestation has taken place and the loss of biodiversity has become all time high in the recent history. Students educated in Environmental Science will be eco-friendly, who will envision





development most suitable to humans, plants, animals, and the entire nature. They can be role models in their respective fields.

Career Opportunities

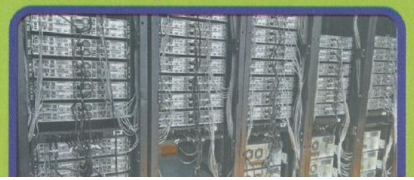
- Government Departments
- Projects and Development Agencies
- NGOs, INGOs
- Academic Institutions & Research Centers
- Industries
- Business and Entrepreneur
- Leadership, Activisms and Social/Environmental Campaigns

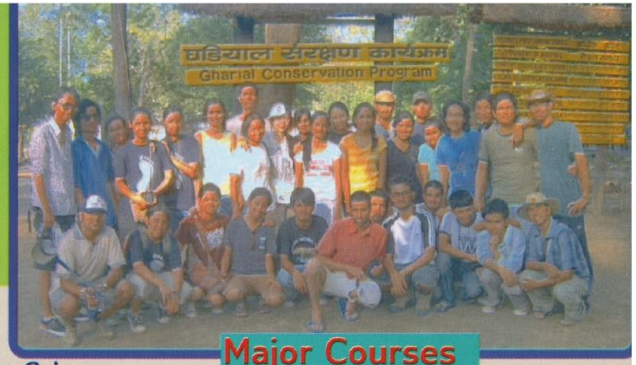
Admission Eligibility

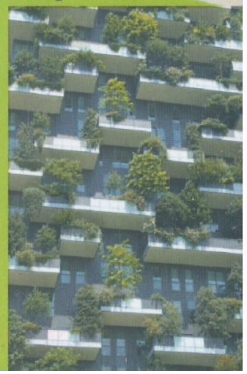
Minimum grade of C+ each in PCM or PCB (Physics, Chemistry and Biology) and a minimum of grade C in remaining subjects.
OR, if the student has been evaluated in percentage system, minimum 50% in aggregate of PCM or PCB. See http://apply.ku.edu.np for further details.

Labs

- Environmental Research Lab
- Microbiology Lab
- Central Instrumentation Lab
- Mechanical Engineering Lab
- Wastewater Treatment Plant
- Automatic Stations
- GC-MS Lab
- Field Experiments
- Environmental Analysis Lab
- GIS and Computer Lab
- Supercomputer Lab





Major Courses

- Applied Hydrology
- Aquatic Ecology
- Conservation Biology
- Ecology
- Environmental and Occupational Health
- Environmental Economics
- Environmental Hazards & Disaster Preparedness
- Environmental Pollution
- Forest Environment
- Geology & Geomorphology
- Integrated Watershed Management
- Soil Science
- Urbanization and Sustainable Development
- Solid Waste Management
- Environmental Impact Assessment
- Final Year Project
- Internship