



Laboratories Environmental Research Lab, Microbiology Lab, Central Instrumentation Lab, Mechanical Engineering Lab, Waste Water Treatment Plant, Environmental Meteorological Stations, Field Experiment and Demonstration Plots, Environmental Science and Engineering Laboratory, GIS and Computer Lab.

Student Facilities

Financial-Aid and Scholarships Some scholarships are available. The University also provides several scholarships and financial aid to meritorious and needy students.

Students Affairs Directorate (Block-11) Located in Block 11; provides counseling, manages student extra-curricular activities, and handles student-related issues.

Library and Information Services (Block-03) Operates library, manages internet services, and issues ID cards and e-mail address.

Hostel and Accommodation There are separate hostels for boys and girls. However, only limited number of new students can be accommodated in the hostels. Many students live in private housing or hostels nearby the campus.

Bus Facility Some students commute from Kathmandu using the bus service managed by KU.

Canteen There are two canteens and one cafeteria.

CV Raman Auditorium Central hall has a capacity of 300 and there are two meeting halls (senate hall and mini-hall).

Bank Nepal Investment Bank Ltd (NIBL) Banepa branch has a counter at the Block-14.

Sports Facilities Sports ground is available for outdoor games such as football and cricket. Indoor game facility is available at the social hall. A gymnasium is available. Swimming pool is under construction.

B. Sc. in Environmental Science



2017



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Objective

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, terrible environmental degradations are being wreaked. Many lakes, rivers, pastures and marshes have become repository of various pollutants, atmosphere is filled with dusts and numerous 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 entire nature. They can be role-models in their respective fields.

Job opportunities

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

Admission Requirements

Candidates should have passed higher secondary level (10+2) or equivalent with minimum of 50% marks in aggregate and 50% in PCM or PCB.

Course Structure of Year 1 and Year 2

Year 1		Year 2	
Sem 1	Sem 2	Sem 1	Sem 2
BIOL 101 General Biology [2]	CHEM 102 Inorganic Chemistry [2]	CHEM 207 Organic Chemistry [2]	BIOL 207 Microbiology [2]
CHEM 101 General Chemistry [3]	COMP 112 Intro. to Structured Programming [3]	ENVS 201 Environmental Chemistry [2]	BIOL 208 Microbiology Lab [1]
COMP 101 Information Systems Technology [2]	EDRG 102 Engineering Drawing II [2]	ENVS 218 Env. Chemistry Lab [1]	CHEM 212 Quantitative Analysis [3]
EDRG 101 Engineering Drawing I [2]	ENGG 102 Engineering Project II [2]	PHYS 206 Environmental Physics [2]	CHEM 213 Quantitative Analysis Lab [2]
ENGG 101 Engineering Project I [2]	ENGT 102 Communication Skills II [2]	ENVS 211 Fundamentals of Ecology [2]	ENVS 204 Pollution Monitoring & Control [3]
ENGT 101 Communication Skills I [2]	ENVS 101 Intro. to Environmental Science [3]	ENVS 221 Ecology Practical [1]	ENVS 222 Pollution Lab [1]
MATH 111 Calculus & Algebra [3]	MATH 102 Statistics & Probability [3]	ENVS 207 Natural Resources [3]	PHYS 207 Physics and Environment II [3]
PHYS 101 General Physics I [3]	PHYS 102 General Physics II [3]	ENVS 212 Biodiversity & Taxonomy [3]	ENVS 224 Introductory Soil Science & Land Management [3]
		MATH 206 Applied Statistics [3]	
19	20	19	18

Course Type: Science
Program Duration: Four years

Course Structure of Year 3 and Year 4

Year 3		Year 4	
Sem 1	Sem 2	Sem 1	Sem 2
ENVS 328 Conservation Biology [3]	ENVS 303 Environmental Economics [2]	ENVS 402 Environmental Impact Assessment [3]	ENVS 438 Independent Study [2]
ENVS 332 Geology & Geomorphology [3]	ENVS 306 GIS & Remote Sensing [1]	ENVS 413 Urbanization & Sustainable Development [3]	ENVS 499 Final Year Project [6]
ENVS 340 Geology Practical [1]	ENVS 342 GIS Laboratory [2]	ENVS 431 Municipal & Hazardous Waste [3]	
ENVS 333 Meteorology & Climatology [2]	ENVS 337 Env. Hazards & Disaster Preparedness [3]	ENVS 435 Integrated Watershed Mgmt. [3]	
ENVS 341 Meteorology & Climatology Practical [3]	ENVS 331 Legal & Policy Issues in Environment [2]	MGTS 402 Entrepreneurship Development [3]	
INAN 301 Instrumental Analysis [3]	ENVS 335 Applied Hydrology [3]	ENVS 415 Fundamentals of Aquatic Ecology [3]	
INAN 302 Instrumental Analysis Lab [2]	ENVS 343 Hydrology Practical [1]	*** Elective Course [3]	
ENVS 345 Environmental Sociology & Human Ecology [3]	ENVS 305 Pests and Pesticides [3]		
*** Elective Course [3]	*** Elective Course [3]		
21	20	21	8

Total Credits: 146
Total fees (2017): NRs. 690,000 (details in KU website)