



# KATHMANDU UNIVERSITY

*"Quality Education for Leadership"*

Department of Life Sciences  
School of Science  
B. Sc. in Agriculture  
2022

## FACILITIES

KU offers the best facilities for higher education in Nepal that includes


- Agriculture farm for study and research,
- Well equipped laboratories
- All faculties available during office hours
- Academic counselling and project supervision available also in off hours
- Well facilitated library
- Hostel facilities for students
- 24 hours internet access
- Health insurance


## KEY FEATURES OF PROGRAM

- Qualified human resource persons
- A practical approach of learning
- Regular tutorial class
- Fieldtrips and internship
- Entrepreneurship development
- A foundation for those wishing to pursue further study and research

## MORE INFORMATION

 Dhulikhel, Kavre


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## ACADEMIC ELIGIBILITY

Must have taken PCB (Physics, Chemistry and Biology) in both XI and XII with minimum grade of C in all subjects.

OR

Minimum 50% in aggregate and minimum 50% in aggregate of PCB (Physics, Chemistry and Biology)

## SCHOLARSHIPS

- Each semester GPA merit based full tuition fee waiver scholarship per 30 students' intake capacity
- Need-based partial tuition fee waiver
- Loan scholarship

## DURATION OF PROGRAM

The total duration of the program is eight semesters. Each year consists of two semesters. The academic year usually starts in August. The classes are held from 7:00 am to 5:00 pm, six days a week.

## EVALUATION

Evaluation is based on continuous assessment. Students are evaluated through class participation, assignments, presentations, practical and project works, in-semester, and end-semester examinations. At the end of each semester, students are awarded letter grades as per following grading systems.

Students need to maintain a CGPA of 2.0 in each semester to graduate.

There is a preparation break of at least one week before the end-semester examination in each semester.

Grade	A	A-	B+	B	B-	C+	C	C-	D	F
Grade Point	4.0	3.7	3.3	3.0	2.7	2.3	2.0	1.7	1.0	0

## COST OF PROGRAM

The total cost of the program is NRs. 8,72,000/- which can be paid in 16 installments as per the university financial guideline.

## INTERNSHIPS

At the 8th semester, students will be placed at different well-known organizations for their internship in the field of their interest.

## INTRODUCTION

Kathmandu University (KU) was established by the act of the parliament of Nepal in December 1991, as an autonomous, not-for-profit, non-government institution dedicated to maintaining high standards of academic excellence. Most of the technical and professional programs run at KU are first to be introduced in the country, with global recognition.

## SCHOOL OF SCIENCE

The School of Science (SOS) is a signatory school of KU established in July 1992. It has six departments in which **Department of Life Sciences** offers Bachelor of Science in Agriculture (B.Sc. Ag). The strength of the school is highly qualified and senior faculties who are regularly involved in teaching, research and development activities.

## AGRICULTURAL SCIENCE

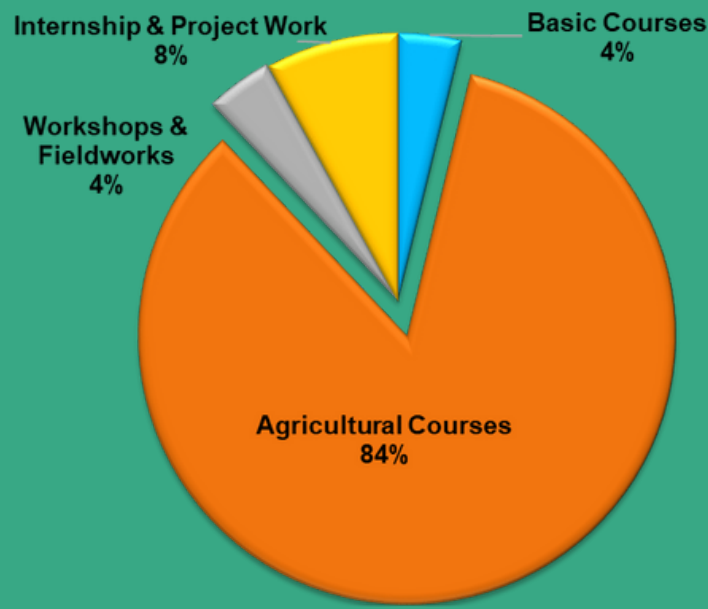
The world's population is projected to rise from 7.8 billion in 2020 to 9.9 billion by 2050. Food demand is anticipated to increase between 59% and 98% by 2050. Enhancing productivity on existing agricultural lands is the only sustainable way to feed the ever growing population.

Therefore, advancements in Agriculture Science are necessary to ensure food security both in terms of nutritional quality and quantity in the future. For a developing country like Nepal where the majority of farmers are involved in subsistence farming, agriculture development is a key for socio-economic growth and nation prosperity.

The aim of the program is to generate academically sound and practical oriented professional agriculturist. B.Sc. Ag is eight-semester (four-year) program after I. Sc. (Agriculture) or 10+2 (Science).

## COURSE STRUCTURE

Courses can be categorized into four broad themes. Basic courses, Agricultural Courses, Workshops and Fieldworks, and internship and Project work.



## CAREER OPPORTUNITIES

- Government Departments
- Agricultural Companies and Industries
- Academic Institutions
- Research and development Centre
- Business and Entrepreneurship
- Higher Educations

## MAJOR COURSES

- Agriculture Technology and Climate Smart Agriculture
- Analytics and Crop Modelling
- Farming System, Precision & Sustainable Agriculture
- Agriculture Extension and Education
- Crop Production Technology
- Post-Harvest Technology
- Plant Protection
- Plant and Animal Breeding
- Environment Science and Agro-ecology
- Genetics and Animal Breeding
- Laws and Policies ( National and International) in trade and market
- Agriculture Marketing and Trade

"LEARN  
SMART  
GROW  
SMART"

