Academic Eligibility

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

OR

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

Scholarships

- √ Each semester GPA merit based full tuition fee waiver scholarships per 30 students' intake capacity
- √ Need-based partial tuition fee waiver scholarships as per KU provision
- √ 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 February. The classes are held from 6:30 am to 1:30 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.

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

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.

Cost of Program

The total cost of the program is NRs. 7,70,000/- which can be paid in 16 installments as per the university financial guideline.

Facilities

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

- √ Agricultural farms for study and research,
- √ Well-equiped Tissue Culture and Molecular Biology Laboratories,
- √ All faculties available during office hours,
- √ Academic counseling & project supervisions available also in off-hours,
- √ Library with a collection of more than 70,000 books and journals,
- √ Enough field space for practical purposes,
- √ Hostel facilities for needy students,
- √ 24 hours internet access,
- √ Transportation, and
- √ Health insurance.

Internships

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

FOR FURTHER INFORMATION

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School of Science, KU
Dhulikhel, Kavre, Nepal
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Phone: 977-011-{ 415100, 415200, 415021 }
Website: http://sos.ku.edu.np

KATHMANDU UNIVERSITY

"Quality Education for Leadership"

Department of Life Sciences

School of Science

PROGRAM INFORMATION

B.Sc. in Agriculture

2020

Introduction

Kathmandu University (KU) was established by the act of 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: Department of Biotechnology, Department of Environmental Science and Engineering, **Department of Life Sciences**, Department of Mathematics, Department of Pharmacy, and Department of Physics. The strength of the school is highly qualified and senior faculties who are regularly involved in teaching, research and development activities.

Agriculture 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.

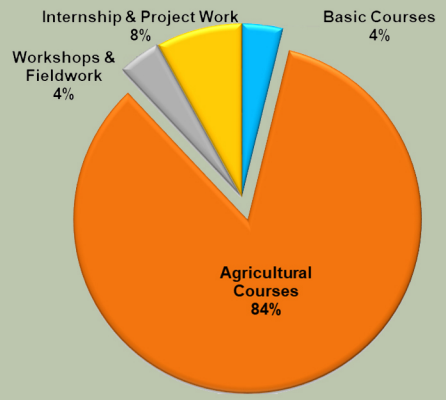
Department of Life Sciences under School of Science offers Bachelor of Science in Agriculture (B.Sc. Ag.) at Kathmandu University. This interdisciplinary program encompasses many different aspects of agriculture. Course usually include the study of plant science, animal science, soil and pesticides, weed management, agricultural extension, ecology, natural resources management, horticulture, farming system and production technology.

Students who are keen to study agriculture science benefit from the broad nature of the field. The education gained with a bachelor offers advantages when seeking jobs in agricultural research, development and advocacy.

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 Fieldwork, 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

- √ Agricultural Technology and Climate Smart Agriculture
- √ Farming System, Precision & Sustainable Agriculture
- √ Crop Production Technology
- √ Post-Harvest Technology
- √ Commercial Crops
- √ Horticulture
- √ Crop Diseases and Weed Management
- √ Environmental Science and Agro ecology
- √ Genetics and Animal Breeding
- √ Laws and Policies (National and International) in trade and market
- √ Agricultural Marketing and Trade

Key Features of Program

- √ Qualified human resource persons
- √ A practical approach of learning
- √ Four years program compatible with international standards
- √ Regular tutorial class
- √ Field trips and Internship
- √ A foundation for those wishing to pursue further study and research
- √ Entrepreneurship development

B.Sc. Agriculture 2020
B.Sc. Agriculture 2020