



# TRIBHUVAN UNIVERSITY

Office of the Controller of Examinations

Kathmandu, Nepal

## Academic Transcript of B.Sc. (AGRICULTURE)

Issued No.: 12101225

Name of the Student: Dipak Kumar Mishra  
T.U. Regd. No.: 1-2-51-14-2011

Institute of Agriculture and Animal Sciences  
Paklihawa Campus, Paklihawa  
Course Duration: 4 Years (Eight Semesters)

| Subjects              |                                          | Credit Hrs. |    | Full Marks     |       |       | Marks Secured  |       |       | Remarks |
|-----------------------|------------------------------------------|-------------|----|----------------|-------|-------|----------------|-------|-------|---------|
|                       |                                          |             |    | Internal Asst. | Final | Total | Internal Asst. | Final | Total |         |
| First Year Semester I |                                          |             |    |                |       |       |                |       |       |         |
| EXT-111               | Rural Sociology                          | 2+0         | Th | 10             | 40    | 50    | 9              | 16    | 25    |         |
| AEC-111               | Principles of Economics                  | 2+0         | Th | 10             | 40    | 50    | 6              | 25    | 31    |         |
| BOH-111               | General Biochemistry                     | 2+1         | Th | 10             | 40    | 50    | 9              | 19    | 28    |         |
|                       |                                          |             | Pr | -              | 25    | 25    | -              | 20    | 20    |         |
| AGR-111               | Principles of Agronomy                   | 2+1         | Th | 10             | 40    | 50    | 9              | 21    | 30    |         |
|                       |                                          |             | Pr | -              | 25    | 25    | -              | 23    | 23    |         |
| HRT-111               | Introductory Horticulture                | 2+1         | Th | 10             | 40    | 50    | 6              | 29    | 35    |         |
|                       |                                          |             | Pr | -              | 25    | 25    | -              | 20    | 20    |         |
| SSC-111               | Fundamentals of Soil Science and Geology | 2+1         | Th | 10             | 40    | 50    | 8              | 27    | 35    |         |
|                       |                                          |             | Pr | -              | 25    | 25    | -              | 21    | 21    |         |
| LPM-111               | Introductory Animal Science              | 2+1         | Th | 10             | 40    | 50    | 6              | 33    | 39    |         |
|                       |                                          |             | Pr | -              | 25    | 25    | -              | 22    | 22    |         |
| WEP-111               | Work Experience Program                  | 0+1         | Pr | -              | 25    | 25    | -              | 25    | 25    |         |
| Total                 |                                          |             |    |                |       | 500   | 53             | 301   | 354   |         |

|             |                                                                |     |    |    |    |     |    |     |     |  |
|-------------|----------------------------------------------------------------|-----|----|----|----|-----|----|-----|-----|--|
| Semester II |                                                                |     |    |    |    |     |    |     |     |  |
| PPH-121     | Introductory Crop Physiology                                   | 2+1 | Th | 10 | 40 | 50  | 9  | 31  | 40  |  |
|             |                                                                |     | Pr | -  | 25 | 25  | -  | 19  | 19  |  |
| MIB-121     | Agricultural Microbiology                                      | 2+1 | Th | 10 | 40 | 50  | 8  | 26  | 33  |  |
|             |                                                                |     | Pr | -  | 25 | 25  | -  | 19  | 19  |  |
| AEC-121     | Farm Management, Production Economics and Planning             | 2+1 | Th | 10 | 40 | 50  | 9  | 28  | 37  |  |
|             |                                                                |     | Pr | -  | 25 | 25  | -  | 23  | 23  |  |
| AGR-121     | Cereal Crop Production                                         | 2+1 | Th | 10 | 40 | 50  | 9  | 20  | 29  |  |
|             |                                                                |     | Pr | -  | 25 | 25  | -  | 25  | 25  |  |
| HRT-121     | Ornamental Horticulture                                        | 2+1 | Th | 10 | 40 | 50  | 9  | 28  | 37  |  |
|             |                                                                |     | Pr | -  | 25 | 25  | -  | 22  | 22  |  |
| SSC-121     | Soil Fertility, Fertilizers and Integrated Nutrient Management | 2+1 | Th | 10 | 40 | 50  | 8  | 32  | 40  |  |
|             |                                                                |     | Pr | -  | 25 | 25  | -  | 19  | 19  |  |
| LPM-121     | Ruminant Production                                            | 2+1 | Th | 5  | 20 | 25  | 4  | 16  | 20  |  |
|             |                                                                |     | Pr | -  | 25 | 25  | -  | 21  | 21  |  |
| WEP-121     | Work Experience Program                                        | 0+1 | Pr | -  | 25 | 25  | -  | 25  | 25  |  |
| Total       |                                                                |     |    |    |    | 525 | 56 | 353 | 409 |  |

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Tribhuvan University  
Office of the Controller of Examinations  
Balkhu, Kathmandu

Niranjan Khadka  
Deputy Administrator

Checked & Found Correct  
Signature:   
Name: Niranjan Khadka  
Education Section  
Date: 13 MAR 2023



| Second Year |                                             | Semester I  |    |     |    |     |     |  |  |  |  |
|-------------|---------------------------------------------|-------------|----|-----|----|-----|-----|--|--|--|--|
| AEC-211     | Agricultural and Environmental Economics    | 10          | 40 | 50  | 8  | 26  | 34  |  |  |  |  |
| AMT-211     | Introductory Agrometeorology                | 10          | 40 | 50  | 8  | 23  | 31  |  |  |  |  |
| ECO-211     | Environmental Sciences and Agro-Ecology     | 10          | 40 | 50  | 8  | 23  | 31  |  |  |  |  |
| ENT-211     | Introductory Entomology                     | 10          | 40 | 50  | 7  | 17  | 24  |  |  |  |  |
| HRT-211     | Fruit and Plantation Crop Production        | 10          | 40 | 50  | 7  | 29  | 36  |  |  |  |  |
| GEN-211     | Introductory Genetics                       | 10          | 40 | 50  | 8  | 20  | 28  |  |  |  |  |
| AGR-211     | Grain Legumes and Oilseed Production        | 5           | 20 | 25  | 5  | 13  | 18  |  |  |  |  |
| LPM-211     | Pig and Poultry Production                  | 5           | 20 | 25  | 4  | 9   | 13  |  |  |  |  |
| AQU-211     | Introductory Ichthyology                    | 5           | 20 | 25  | 4  | 14  | 18  |  |  |  |  |
| Total       |                                             |             |    | 550 | 59 | 310 | 369 |  |  |  |  |
|             |                                             | Semester II |    |     |    |     |     |  |  |  |  |
| AGR-221     | Commercial Crops                            | 10          | 40 | 50  | 9  | 32  | 41  |  |  |  |  |
| AGR-222     | Principles and Practices of Seed Technology | 10          | 40 | 50  | 9  | 28  | 37  |  |  |  |  |
| AST-221     | Agricultural Statistics                     | 10          | 40 | 50  | 7  | 32  | 39  |  |  |  |  |
| HRT-221     | Vegetable and Spice Crop Production         | 10          | 40 | 50  | 7  | 30  | 37  |  |  |  |  |
| PLB-221     | Introductory Plant Breeding                 | 10          | 40 | 50  | 8  | 22  | 30  |  |  |  |  |
| SSC-221     | Soil Physics, Genesis and Classification    | 5           | 20 | 25  | 4  | 12  | 16  |  |  |  |  |
| AEN-221     | Farm Power and Machinery                    | 10          | 40 | 50  | 9  | 19  | 28  |  |  |  |  |
| ANU-221     | Fodder Production and Pasture Management    | 5           | 20 | 25  | 5  | 16  | 21  |  |  |  |  |
| AQU-221     | Principles of Aquaculture                   | 5           | 20 | 25  | 4  | 15  | 19  |  |  |  |  |
| Total       |                                             |             |    | 600 | 62 | 389 | 451 |  |  |  |  |

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 Education Section  
 Date: 13 MAR 2022



*[Signature]*  
 Niranjana Khadka  
 Deputy Administrator



| Third Year Semester I |                                                                              |     |    |    |    |     |    |     |     |
|-----------------------|------------------------------------------------------------------------------|-----|----|----|----|-----|----|-----|-----|
| EXT-311               | Fundamentals of Agricultural Extension                                       | 2+1 | Th | 10 | 40 | 50  | 7  | 24  | 31  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 20  | 20  |
| ENT-311               | Principles and Practices of Insect-Pest Management                           | 2+1 | Th | 10 | 40 | 50  | 9  | 33  | 42  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 18  | 18  |
| HRT-311               | Agroforestry                                                                 | 2+1 | Th | 10 | 40 | 50  | 6  | 28  | 36  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 20  | 20  |
| PLP-311               | Introduction to Plant Pathology                                              | 2+1 | Th | 10 | 40 | 50  | 6  | 22  | 28  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 23  | 23  |
| ECO-311               | Medicinal and Aromatic Plants                                                | 1+1 | Th | 5  | 20 | 25  | 4  | 14  | 18  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 20  | 20  |
| ANU-311               | Animal Nutrition and Feeding Practice                                        | 2+1 | Th | 5  | 20 | 25  | 5  | 16  | 21  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 22  | 22  |
| GEN-311               | Genetics of Populations                                                      | 2+0 | Th | 10 | 40 | 50  | 5  | 26  | 31  |
| SSC-311               | Introductory Soil Conservation and Watershed Management                      | 2+0 | Th | 10 | 40 | 50  | 8  | 20  | 28  |
| COM-311               | Computer Applications                                                        | 2+0 | Pr | -  | 25 | 25  | -  | 20  | 20  |
| PRW-311               | Project Work (Agronomy / Horticulture / Livestock Production and Management) | 0+2 | Pr | -  | 50 | 50  | -  | 49  | 49  |
| Total                 |                                                                              |     |    |    |    | 575 | 52 | 375 | 427 |
| Semester II           |                                                                              |     |    |    |    |     |    |     |     |
| EXT-321               | Agricultural Communication                                                   | 2+1 | Th | 10 | 40 | 50  | 8  | 30  | 38  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 23  | 23  |
| ENT-321               | Economic Entomology                                                          | 2+1 | Th | 10 | 40 | 50  | 8  | 32  | 40  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 22  | 22  |
| HRT-321               | Post Harvest Horticulture                                                    | 2+1 | Th | 10 | 40 | 50  | 10 | 25  | 35  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 22  | 22  |
| PLP-321               | Crop Diseases and Their Management                                           | 2+1 | Th | 10 | 40 | 50  | 8  | 28  | 36  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 19  | 19  |
| ANB-321               | Principles and Practices of Animal Breeding                                  | 2+1 | Th | 10 | 40 | 50  | 8  | 22  | 30  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 18  | 18  |
| AEG-321               | Nepalese Agriculture Development and Policy                                  | 2+0 | Th | 10 | 40 | 50  | 9  | 32  | 41  |
| EXT-322               | Social Mobilization and Community Development                                | 2+0 | Th | 10 | 40 | 50  | 7  | 25  | 32  |
| AGR-311               | Organic Agriculture                                                          | 1+1 | Th | 5  | 20 | 25  | 5  | 14  | 19  |
|                       |                                                                              |     | Pr | -  | 25 | 25  | -  | 24  | 24  |
| PRW-311               | Project Work (Agronomy / Horticulture / Livestock Production and Management) | 0+2 | Pr | -  | 50 | 50  | -  | 42  | 42  |
| Total                 |                                                                              |     |    |    |    | 575 | 63 | 378 | 441 |

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Niranjan Khadka  
 Deputy Administrator

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 Education Section  
 Date: 13 MAR 2022

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| Fourth Year Semester I |                                                                                                                                                                                                                                      |     |    |    |    |      |    |      |     |
|------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|----|----|----|------|----|------|-----|
| AEC-411                | Agribusiness Management, Marketing and Cooperatives                                                                                                                                                                                  | 2+1 | Th | 10 | 40 | 50   | 9  | 26   | 35  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 25 | 25   | -  | 19   | 19  |
| AGR-411                | Farming Systems and Sustainable Agriculture                                                                                                                                                                                          | 2+1 | Th | 10 | 40 | 50   | 10 | 26   | 36  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 25 | 25   | -  | 23   | 23  |
| AEN-411                | Principles and Practices of Farm Water Management                                                                                                                                                                                    | 2+1 | Th | 10 | 40 | 50   | 9  | 27   | 36  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 25 | 25   | -  | 22   | 22  |
| BIT-411                | Introductory Biotechnology and Biodiversity                                                                                                                                                                                          | 2+1 | Th | 10 | 40 | 50   | 9  | 27   | 36  |
| ANU-411                | Mountain Agriculture                                                                                                                                                                                                                 | 2+1 | Th | 10 | 40 | 50   | 9  | 29   | 38  |
| ECO-411                | Agrobiodiversity Management                                                                                                                                                                                                          | 1+1 | Th | 5  | 20 | 25   | 5  | 13   | 18  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 25 | 25   | -  | 21   | 21  |
| ENT-411                | Environmental Pollution and Protection                                                                                                                                                                                               | 1+1 | Th | 5  | 20 | 25   | 5  | 15   | 20  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 25 | 25   | -  | 21   | 21  |
| PRW-311                | Project Work (Agronomy / Horticulture / Livestock Production and Management)                                                                                                                                                         | 1+0 | Th | 5  | 20 | 25   | 5  | 15   | 20  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 25 | 25   | -  | 21   | 21  |
| Total                  |                                                                                                                                                                                                                                      |     |    |    |    | 450  | 56 | 292  | 348 |
| Semester II            |                                                                                                                                                                                                                                      |     |    |    |    |      |    |      |     |
| HNU-421                | Applied Human Nutrition                                                                                                                                                                                                              | 2+1 | Th | 10 | 40 | 50   | 9  | 30   | 39  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 25 | 25   | -  | 21   | 21  |
| AEC-421                | Agricultural Project Planning                                                                                                                                                                                                        | 2+1 | Th | 10 | 40 | 50   | 10 | 31   | 41  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 25 | 25   | -  | 21   | 21  |
| AEN-421                | Farm Structures and Surveying                                                                                                                                                                                                        | 2+1 | Th | 10 | 40 | 50   | 6  | 25   | 31  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 25 | 25   | -  | 14   | 14  |
| LPM-421                | Introduction to Dairy Science                                                                                                                                                                                                        | 2+1 | Th | 10 | 40 | 50   | 10 | 33   | 43  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 25 | 25   | -  | 23   | 23  |
| PLP-421                | Mushroom Cultivation                                                                                                                                                                                                                 | 1+2 | Th | 5  | 20 | 25   | 5  | 14   | 19  |
|                        |                                                                                                                                                                                                                                      |     | Pr | -  | 50 | 50   | -  | 41   | 41  |
| UPA-421                | Undergraduate Practicum Assessment (Agronomy / Horticulture / Animal Science / Plant Pathology / Agricultural Economics / Plant Breeding / Soil Science / Entomology / Conservation Ecology / Fisheries / Extension / Aquaculture /) | 0+3 | Pr | -  | 75 | 75   | -  | 70   | 70  |
| Total                  |                                                                                                                                                                                                                                      |     |    |    |    | 425  | 40 | 302  | 342 |
| GRAND TOTAL            |                                                                                                                                                                                                                                      | 168 |    |    |    | 4200 |    | 3099 |     |

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Prepared by: [Signature]Checked by: [Signature]Date of issue: 14-Jul-2016

| Programme Starting Year : 2012 |       |        |       | Ending Year : 2016 |      |      |      |
|--------------------------------|-------|--------|-------|--------------------|------|------|------|
| Year                           | First | Second | Third | Fourth             |      |      |      |
| Semester                       | I     | II     | I     | II                 | I    | II   | I    |
| Roll no                        | 135   | 132    | 64    | 231                | 185  | 235  | 233  |
| Year                           | 2012  | 2013   | 2013  | 2014               | 2014 | 2015 | 2015 |

Percentage : 73.79  
 Division: First  
 Passed Year: 2016

Chief of Record Division

Controller of Examinations

Grading System of Marks Secured in the Examination and other information

a) Distinction (Excellent) : 80% and above in the aggregate  
 Second Division (Good) : 60% and above in the aggregate

First Division (very Good) : 55% and above in the aggregate

Third Division (Fair) : 40% and above in the aggregate

b) To pass a course, the student must obtain a minimum 40 percent marks in each examination separately.

c) \* The course passed in second attempt.

d) \*\* - Courses in which Failed and Re-registered.

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 Education Section  
 Date: 13 MAR 2022



[Signature]  
**Niranjana Khadka**  
 Deputy Administrator,