



Tribhuvan University
Institute of Agriculture and Animal Science
OFFICE OF THE DEAN

Postgraduate Program Kirtipur, Kathmandu, Nepal

Courses Offered For M.Sc.Ag./An.Sc./Aqua. & M.V.Sc. (First Year first Semester) 2082/083 (2025) (Course Registration 2082.11.28)		
COURSE CODE & CREDIT HRS.	COURSE TITLE	PROFESSOR/S
AWT 711 (2+1) /Compulsary	Academic Writing (All Departments)	Prof. Dr. Bharat Babu Shrestha
AST 712 (1+1) /Compulsary	Agricultural Statistics (All Departments)	Prof. Dr. Kishor Chandra Dahal
RET 713 (1+0) /Compulsary	Research Ethics (All Departments)	Prof. Dr. Binil Aryal
BCH 728 (2+1) /Interdepartmental	General Biochemistry (Except AST, AEC & EXT)	Dr. Ram Binod Mahato
DEPARTMENTAL		
AGRICULTURAL ECONOMICS Prof. Dr. Hari Krishna Pant (9841251181)		
AEC 731 (3+0)	Mathematical Economics	Asst. Prof. Milan Bhattarai (9861185427)
AEC 732 (3+0)	Microeconomics	Asst. Prof. Kamal Regmi (9847080477)
AEC 733 (3+0)	Macroeconomics	Prof. Dr. Hari Krishna Pant
Total Credits (9+0)=9		
AGRICULTURAL EXTENSION Rajesh Paudel (9845079482)		
EXT 731 (2+0)	Contemporary Approaches in Extension Education	Asst. Prof. Santosh Khanal (9851074330)
EXT 732 (2+0)	Social and Education Psychology	Mrs. Bijaya Bijukshya Pradhan (9851221251)
EXT 735 (2+1)	Communication Design in Extension	Asst. Prof. Rajesh Poudel (9845079482)
EXT 746 (2+0)	Governance Policy and Agriculture Service Delivery	Asst. Prof. Mahesh Jaishi (9851242082)
Total Credits (8+1)=9		
AGRI ECOLOGY Subodh Khanal (9851138999)		
AGE 731 (2+1)	Concept and Practices in Agri-ecology	Asst. Prof. Subodh Khanal / Dr.Kamal Aryal (9841890280)
AGE 733 (2+1)	Microbial Ecology	Asst. Prof. Sanjay Mahato (9865658585)
Total Credits (4+2)=6		
SOIL SCIENCE Asst. Prof. Dr. Ram Kumar Shrestha (9849586707)		
SSC 734 (1+1)	Soil, Fertilizer and Water Analysis	Asst. Prof. Krishna Aryal (9845359277)
SSC 743 (1+1)	Concept and Assessment of Soil Health	Dr. Shree Prasad Vista (9841385135)
SSC 744 (1+1)	Applied Soil Microbiology	Dr. Pooja Manandhar (9840559313)
Total Credits (3+3)=6		
SEED SCIENCE TECHNOLOGY Prof. Dr. Lal Prasad Amgain (9851219516)		
SST 733 (2+1)	Seed Production of Field Crops	Prof. Dr. Lal Prasad Amgain / Madan Thapa
SST 736 (2+0)	Floral Biology, Seed Development and Maturation	Asst Prof. Achyut Gaire / Dr. Hari Kumar Shrestha
Total Credits (4+1)=5		
AGRICULTURAL STATISTICS Prof. Dr. Lal Prasad Amgain (9851219516)		
AST 731 (2+1)	Mathematical Methods for Agricultural Sciences	Mrs. Januka Neupane
AST 733 (2+1)	Sampling Techniques	TBD.....
AST 739 (2+1)	Data Analysis using Modern Statistical Packages	Mrs. Januka Neupane
Total Credits (6+2)=8		
PLANT BREEDING Asst. Prof. Dr. Mukti Ram Poudel (9857029723)		
PLB 723 (2+1)	Advances in Plant Breeding	Asst. Prof. Dr. Mukti Ram Poudel
PLB 739 (2+1)	Quantitative Genetics	Dr. Ujjwal Kumar Singh Kushwaha (9844033976)
Total Credits (4+2)=6		
HORTICULTURE Prof. Dr. Kishor C. Dahal (9845046069)		
HRT 731 (2+0)	Advances in Pomology	Dr. Puspa Raj Poudel
HRT 736 (2+1)	Postharvest Physiology, Processing and Management of Horticultural Crops	Mr. Krishna Prasad Sapkota
HRT 738 (2+1)	Plantation Crops, Spices and Condiments	Asst. Prof. Rukmagat Pathak
Total Credits (6+2)=8		

R. P. Poudel



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COURSE CODE & CREDIT HRS.	COURSE TITLE	PROFESSOR/S
ANIMAL SCIENCE		
Asst. Prof. Nirmal Katuwal (9852675245)		
ANS 731 (2+1)	Animal Breeding and Genetic Improvement	Mr. Aashish Dhakal
ANS 733 (3+0)	Advances in Livestock Production and Management Systems	Dr. Tulsi Poudel
ANS 735 (1+0)	Animal Behaviour Welfare and Ethics	Asst. Prof. Nirmal Katuwal
Total Credits (5+2)=7		
AGRONOMY		
Asst. Prof. Dr Rama Poudel (9855018960)		
AGR 731 (2+1)	Advances in Crop Science and Management	Prof. Dr. Lal Prasad Amgain
AGR732 (2+1)	Advances in Agronomy of Field Crops	Dr. Himal Prasad Timilsina
Total Credits (4+2)=6		
ENTOMOLOGY		
Asst. Prof. Kapil Kafle (9851182671)		
ENT 731 (2+1)	Insect Morphology	Asst. Prof. Dr. Rekha Sapkota (9845026984)
ENT 734 (1+2)	Insect Taxonomy	Dr. Kashi Nath Chilwal (9840299546)
Total Credits (3+3)=6		
PLANT PATHOLOGY		
Asst. Prof. Dr. Puspa Raj Poudel (9851133584)		
PLP 732 (0+2)	Plant Disease Diagnosis and Pathological Techniques	Dr. Hira Kaji Manandhar
PLP 744 (1+1)	Seed and Post Harvest Pathology	Dr. Hira Kaji Manandhar
PLP 719 (2+1)	Advances in Mycology	TBD.....
Total Credits (3+4)=7		
VET. THERIOGENOLOGY		
Dr. Shambhu Shah (9841310679)		
VGO 733 (2+1)	Infertility in Domestic Animals	Dr. Shambhu Shah (9841310679)
VGO 738 (1+1)	Embryo Transfer Technology	Dr. Narayan Neupane (9855060716)
VGO 742 (1+1)	Reproductive Endocrinology	Dr. Grihamani Nepal (9855081299)
Total Credits (4+3)=7		
VET.EPIDEMIOLOGY & PUBLIC HEALTH		
Dr. Shambhu Shah (9841310679)		
VEP 731 (2+1)	Advances in Epidemiology	Dr. Surendra Karki
VEP 736 (1+1)	Viral Zoonoses, Recognition and Management	Dr. Sujan Rana
VEP 738 (1+1)	Parasitic Zoonoses, Recognition and Management	Dr. Naresh Sah
Total Credits (4+3)=7		
VET. SURGERY & RADIOLOGY		
Dr. Shambhu Shah (9841310679)		
VSR 731 (2+1)	Advances in Surgery & Radiology	Dr. Ganga Prasad Yadav
VSR 733 (1+1)	Small Animal Anaesthesia	Dr. Anu Duwal
VSR 734 (1+1)	Large Animal Anaesthesia	Dr. Monalisa Khanal
Total Credits (4+3)=7		
AQUACULTURE		
Mr. Shailesh Gurung (9847050404)		
AQU 732 (2+0)	Aquaculture System	Assistant Prof. Shailesh Gurung (9847050404)
AQU 734 (2+1)	Water Quality Analyses and Pond Management	Dr. Ram B. Mandal (9841765398) / Subash Kumar Jha
AQU 735 (1+1)	Sustainable Aquaculture and Food Security	Mr. Suraj Singh
Total Credits (5+2)=7		
ANIMAL NUTRITION		
Asst. Prof. Dr. Arjun Acharya (9856036693)		
ANU 740 (2+0)	Plant Animal Interaction and Grazing Ecology	Dr. Luma Nidhi Pandey
ANU 738 (2+0)	Nutritional Health and Disease Management	Asst. Prof. Rabin Acharya (9845080498)
ANU 741 (2+0)	Rangelands and Postoral Management	Asst. Prof. Prabin Pandey
Total Credits (6+0) = 6		
Courses Offered For M.Sc.Ag./An.Sc./Aqua. & M.V.Sc. (Second year first Semester) 2082/83 (2024) (Course Registration 2082.11.28)		
COURSE CODE & CREDIT HRS.	COURSE TITLE	TEACHER

Shambhu Shah



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COURSE CODE & CREDIT HRS.	COURSE TITLE	PROFESSOR/S
VGO 708 (1+1)	Embryo Transfer Technology	Dr. Krishna Prasad Poudel
HRT 715 (1+1)	Breeding of Vegetable Crops	Dr. Surendra Lal Shrestha
HRT 791 (0+1)	Case Study of Horticultural Crops	Dr. Manoj Basent
AGR 720 (2+1)	Plant Water Relationship	Asst. Prof. Goma Dhital/ Asst. Prof. Achyut Gaire
AEC 716 (3+0)	International Agricultural Trade	Dr. Rudra Bahadur Shrestha
AEC 714 (2+0)	Natural Resource Economics	Dr. Bikash Poudel
SSC 701 (1+1)	Soil Physics	Dr. Shiva Kumar Jha
PLB 705 (2+1)	Germplasm Collection Evaluation and Utilization	Asst.Prof. Bishnu Kandel
PLB 722 (2+1)	Tissue Culture in Crop Improvement	Asst. Prof. Dr. Ganga Ram Kohar
ABE 711 (2+0)	Weed Biology and Ecology	Prof. Dr. Dharma Raj Dangol
EXT 718 (1+0)	Coopertive Marketing Extension	Dr. Prakash Bista
ENT 726 (2+1)	Advanced Silkworm Rearing and Disease Management	Mr. Ankit Soti
PLP 719 (2+0)	Advance in Plant Pathology	Dr. Suraj Baidhya / Shringkhala Manandhar
AQU 706	Fisheries Management	Prof. Dr. Ram Bhajan Mandal/ Dr. D.K.Jha
ANU 729 (3+0) for LPM	Range lands and Pastoral Development	Dr. Sunita Sanjyal
LPM 790 (0+2)	Special Problem	Asst.Prof. Rabin Acharya
VPP 707 (0+3)	Lab Technique and Diagnosis	Prof. Dr. Yam Bahadur Gurung
Dept. Code 799 (0+1)	Result Seminar	AEC, EXT, AGR, ABE, HRT, ENT, PLB, PLP, AQU, SSC, LPM, VGO, VPP

J. B. Poudel