

College of Agriculture

EMN 521 Electron Microscopy 1+2

DEPARTMENT OF AGRICULTURAL METEOROLOGY

Undergraduate Courses

Agromet. 102 Introductory Agrometeorology 2+1 Sem. I

Postgraduate Courses

Agromet. 501	General Meteorology and Climatology	2+1 Sem. I
Agromet. 502	Applied Agricultural Meteorology	2+1 Sem. II
Agromet. 503	Micrometeorology	2+1 Sem. II
Agromet. 504	Agrometeorological Measurements & Instrumentation	2+1 Sem. I
Agromet. 505	Soil Water Balance Climatology	2+1 Sem. II
Agromet. 506	Crop Weather Models	2+1 Sem. I
Agromet. 507	Weather Modification and Risk Management Strategies	2+0 Sem. II
Agromet. 508	Principles of Remote Sensing and their Applications in Agriculture	2+1 Sem. I
Agromet. 509	Applied Agricultural Climatology	2+1 Sem. II
Agromet. 601	Advanced Weather Forecasting	3+0 Sem. I
Agromet. 602	Analytical Tools and Methods for Agricultural Meteorology	3+0 Sem. II
Agromet. 603	Strategic Use of Climate Information	3+0 Sem. II
Agromet. 604	Climate Change and Sustainable Development	2+0 Sem. I
Agromet. 605.	Advanced Micrometeorology	2+0 Sem. II
Agromet. 606	Agromet. Data Base Management and e-Services	2+1 Sem. I
Agromet. 591	Seminar	
Agromet. 600	Master's Research	
Agromet. 700	Ph.D. Research	

DEPARTMENT OF AGRONOMY

Undergraduate Courses

Agron. 91	Agronomy-I	2+1 Sem.I
PFT-91	Practical Field Training-I	0+1 Sem I
PFT-92	Practical Field Training-II	0+1 Sem II
Agron. 101	Elements of Agronomy	2+1 Sem I
Agron. 104	Introductory Agriculture	1+0 Sem. I
Agron. 105	Agriculture for Engineers	3+1 Sem. I
Agron. 106	Water Management and Microirrigation	2+1 Sem.II
Agron. 203	Principles of Agronomy-I (<i>Kharif Crops</i>)	2+1 Sem. I
Agron. 204	Principles of Agronomy –II (<i>Rabi Crops</i>)	2+1 Sem. II
Agron. 205	Organic Farming	1+1 Sem. II
Agron. 302	Practical Crop Production-I (<i>Kharif Crops</i>)	0+1 Sem. I
Agron. 303	Practical Crop Production-II (<i>Rabi Crops</i>)	0+1 Sem. II
Agron. 433	Weed Management	2+1 Sem. I
Agron. 434	Farming Systems and Sustainable Agriculture	2+1 Sem. I
Agron. 435	Production Technology of Spices, Aromatic, Medicinal and Plantation Crops	2+1 Sem. I

Postgraduate Courses

Agron. 501	Modern Concepts in Crop Production	3+0 Sem. I
Agron. 502	Fertilizer Use in Crop Production	2+0 Sem. I
Agron. 503	Principles and Practices of Weed Management	2+1 Sem.II
Agron. 504	Principles and Practices of Water Management	2+1 Sem. I
Agron. 505	Field Plot Techniques	2+1 Sem.II
Agron. 506	Agronomy of Major Cereals and Pulses	2+1 Sem.II
Agron. 507	Agronomy of Oilseed, Fibre and Sugar Crops	2+1 Sem.I
Agron. 508	Agronomy of Medicinal, Aromatic and Under-utilized crops	2+1 Sem.I
Agron. 509	Agronomy of Fodder and Forage Crop	2+1 Sem.II
Agron. 510	Cropping Systems and Organic Farming	3+0 Sem. II
Agron. 511	Dryland Farming and Watershed Management	2+1 Sem II
Agron. 601	Advanced Trends in Agronomy	2+0 Sem. II
Agron. 602	Advanced Crop Ecology	2+0 Sem.I
Agron. 603	Advanced Irrigation Management	2+0 Sem.II
Agron. 604	Advanced Weed Management	2+0 Sem.II
Agron. 605	Advanced Crop Growth and Productivity	2+0 Sem.I
Agron. 606	Integrated Farming Systems for Sustainable Agriculture	2+0 Sem. II
Agron. 607	Stress Crop Production	2+0 Sem. I
Agron. 591	Seminar	
Agron. 600	Master's Research	
Agron. 700	Ph.D. Research	

SCHOOL OF AGRICULTURAL BIOTECHNOLOGY

Undergraduate Courses

Biotech. 101	Introduction to Biotechnology	2+1 Sem. I
Biotech. 301	Fundamentals of Recombinant DNA	3+1 Sem. II
Biotech. 302	Introduction to Plant Tissue Culture	2+1 Sem. I
Biotech. 303	Introduction to Nanobiotechnology	2+0 Sem. I
Biotech. 304/Micro. 303	Introduction to Industrial Biotechnology	2+1 Sem. II
Biotech. 305	Introduction to Molecular Biology	2+0 Sem. II
Biotech. 306	Introduction to Molecular Genetics	2+0 Sem. II
Biotech. 307	Introduction to Bioinformatics	2+1 Sem. II
Biotech. 308	Instrumentation in Biotechnology	0+2 Sem. II
Biotech. 309	Introduction to Cell Biology	2+ 1Sem. II
Biotech. 401	Introduction to Genomics and Proteomics	3+0 Sem. I
Biotech. 402	Fundamentals of Cytogenetics & Molecular Cytogenetics	2+1 Sem. I
Biotech. 403	Techniques in Molecular Biology	0+2Sem. I
Biotech. 433	Principles and Procedures of Plant Tissue Culture and Transformation	2+1 Sem. I
Biotech. 434	Principles and Procedures of Molecular Biotechnology and Genomics	2+1 Sem. I
Biotech. 499	In house Project Training	0+20 Sem. II
Edu.Tour	Educational Tour	0+2 NC Sem. I

Postgraduate Courses

Biotech. 501	Plant Tissue Culture and Genetic Transformation	2+1 Sem. I
Biotech. 502	Principles of Biotechnology	2+0 Sem. II
Biotech. 503	Principles in Structural and Functional Genomics	3+0 Sem. I
Biotech. 504	Techniques in Structural and Functional Genomics	0+2 Sem. I
Biotech. 505	Techniques in Molecular Biology	0+2 Sem. II
Biotech. 506	Molecular Cell Biology	3+0 Sem. I
Biotech. 507/ Micro. 504	Industrial Microbiology	2+1 Sem. I
Biotech. 508	Nanobiotechnology	3+0 Sem. II
Biotech. 509	Introduction to Bioinformatics	2+1 Sem. I & II
Biotech. 601	Advances in Genetic Engineering and Transformation	2+0 Sem. II
Biotech. 602	Advances in Plant Molecular Biology	2+0 Sem. I
Biotech. 603	Advances in Crop Biotechnology	2+0 Sem. II
Biotech. 604	Advances in Functional Genomics and Proteomics	2+0 Sem. I
Biotech. 605/Micro. 605	Advances in Microbial Genetics and Biotechnology	2+0 Sem. II
Biotech. 606	Commercial Plant Tissue Culture	2+0 Sem. I
Biotech. 607	Advances in Bioinformatics	0+2 Sem. I
Biotech. 591	Seminar	
Biotech. 600	Master's Research	
Biotech. 700	Ph.D. Research	

DEPARTMENT OF ENTOMOLOGY

Undergraduate Courses

Ent. 91/Pl.Path. 91	Plant Protection-I	2+1 Sem.I
Ent. 201	Introductory Entomology	2+1 Sem. I
Ent. 204	Fundamentals of Insect Morphology and Systematics	2+1 Sem. I
Ent. 205	Insect Ecology and Integrated Pest Management	2+1 Sem. II
Ent. 302	Insect Pests of Crops and Stored Grains	2+1 Sem. I
Ent. 433	Apiculture	1+2 Sem. I
Ent. 434	Biocontrol and Integrated Pest Management	2+2 Sem. I
Ent. 435	Pesticides and Plant Protection Equipment	2+1 Sem. I

Postgraduate Courses

Ent. 501	Insect Morphology and Systematics	2+1 Sem.I
Ent. 502	Insect Anatomy and Physiology	2+1 Sem.I
Ent. 503	Classification of Insects	2+1 Sem. I
Ent.504	Insect Ecology	2+1 Sem.II
Ent.505	Toxicology of Insecticides	2+1 Sem. II
Ent.506	Biological Control of Insect Pests	2+1 Sem. I
Ent. 507	Plant Resistance to Insects	2+1 Sem. II
Ent. 508	Integrated Pest Management	2+1 Sem. I
Ent.509/Pl.Path.509	Molecular Approaches in Plant Protection	2+1 Sem.II
Ent.510/Pl.Path.510	Quarantine in Plant Protection	2+0 Sem.II
Ent.511	Insect Vectors of Plant Pathogens	2+1 Sem.II
Ent. 512	Commercial Entomology	2+1 Sem.II
Ent. 513	Storage Entomology	2+1 Sem. II
Ent.514	General Acarology	1+1 Sem.II
Ent.601	Advanced Insect Systematics	2+0 Sem.II
Ent.602	Advanced Insect Physiology	2+0 Sem.II
Ent. 603	Advanced Insect Pest Management	2+0 Sem.II
Ent.604	Advanced Insect Ecology	2+0 Sem. I
Ent.605	Advanced Biological Control	2+0 Sem.II
Ent. 606	Advanced Insecticide Toxicology	2+1 Sem. I
Ent. 607	Advanced Host Plant Resistance	2+0 Sem.II
Ent.608	Insect Behaviour	2+0 Sem. II
Ent.591	Seminar	
Ent. 600	Master's Research	
Ent.700	Ph.D. Research	

DEPARTMENT OF EXTENSION EDUCATION

Undergraduate Courses

Ext. 91	Extension -I	2+0 Sem.II
Ext.101	Dimensions of Agricultural Extension	1+1 Sem.II
Ext.201	Fundamentals of Rural Sociology and Educational Psychology	2+0 Sem.I
Ext.202	Extension Methodologies and Communication Skills for Transfer of Technology	2+1 Sem.II
Ext.433	Visual and Graphic Communication	1+1 Sem.I
Ext.434	Communication and Information Technology	2+1 Sem.I
Ext.435	Behavioural Skills for Human Resource Development	2+0 Sem.I

Postgraduate Courses

Ext. 501	Development Perspectives of Extension Education	1+1 Sem.I
Ext. 502/HEE.502	Development Communication and Information Management	2+1 Sem.II
Ext.503/HEE.503	Participatory Programme Management	1+1 Sem.II
Ext. 504	Diffusion and Adoption of Innovations	1+1 Sem.I
Ext.505/Econ.506/Soc.506/HEE.501	Research Methodology for Social Sciences	2+1 Sem.I
Ext. 506	Human Resource Development (HRD)	2+1 Sem.II
Ext.507	Entrepreneurship Development and Management in Extension	2+1 Sem.II
Ext.508	Perspectives of Distance Education	2+0 Sem.I
Ext. 509	Market Led Extension Management	1+1 Sem.II
Ext. 510	Visual Communication	1+1 Sem.I
Ext.511 / HEE.506	Gender Sensitization for Empowerment	2+0 Sem.I
Ext. 601	Advances in Agricultural Extension	2+0 Sem.II
Ext. 602/HEE.602	Scaling Techniques for Behavioural Research	2+1 Sem.II
Ext.603	Advances in Training Technology	3+0 Sem.I
Ext.604	Organizational Development	2+0 Sem.II
Ext.605	Advanced Instructional Technology	2+0 Sem.I
Ext.606	Theory Construction in Social Sciences	2+0 Sem.I
Ext.607	Transfer of Technology in Agriculture	2+0 Sem.II
Ext.608/HEE 606	Advanced Media Management	2+1 Sem.I
Ext.591	Seminar	
Ext.600	Master's Research	
Ext.700	Ph.D. Research	

B.Ed. Courses

Edu.451 Structure of Modern Indian Education	3+0 Sem.II
Edu.452 Philosophy and Sociology of Education	3+0 Sem.I
Edu.453 Educational Psychology	3+0 Sem.I
Edu.454 Methods and Innovations in Teaching	2+0 Sem.I
Edu.455 Audio-Visual Aids in Education	1+2 Sem.I
Edu.456 Practicum	0+6 Sem.II
Edu.457 Educational Evaluation and Statistics	2+1 Sem.II
Edu.458 School Organization	3+0 Sem.II
Edu.459 Educational Games and Hobbies	0+1 Sem.II
Edu.460 Special Topics in Education	0+2 Sem.II
Edu.461 Methods of Teaching Agriculture	2+1 Sem.I
Edu.462 Methods of Teaching Horticulture	2+1 Sem.I
Edu.463 Methods of Teaching Animal Science	2+1 Sem.I
Edu.464 Methods of Teaching Agro-Mechanics	2+1 Sem.I
Edu.465 Methods of Teaching Home Science	2+1 Sem.I
Edu.466 Methods of Teaching Biology	2+1 Sem.I
Edu.467 Methods of Teaching Physics & Chemistry	2+1 Sem.I
Edu.468 Vocational Aptitude Testing	2+1 Sem.II
Edu.469 Guidance and Counselling	3+0 Sem.II
Edu.470 Curriculum Development	2+1 Sem.II
Edu.471 Preparation of Manuals and Text Books	1+2 Sem.I

DEPARTMENT OF FLORICULTURE & LANDSCAPING

Undergraduate Courses

Flori. 301	Flower Cultivation and Landscape Gardening	1+1 Sem.II
Flori. 433	Commercial Floriculture and Landscaping	2+1 Sem.I

Postgraduate Courses

Flori. 501	Production Technology of Flowers	3+1 Sem.I
Flori. 502	Breeding of Flower Crops and Ornamental Plants	2+1 Sem.II
Flori. 503	Landscaping and Ornamental Gardening	2+1 Sem.I
Flori. 504	Landscape Designs	2+2 Sem.II
Flori. 505	Protected Floriculture	2+1 Sem.II
Flori. 506	Value Addition in Flowers	2+1 Sem.I
Flori. 507	Turfing and Turf Management	2+1 Sem.I
Flori. 508	CAD for Outdoor and Indoorscaping	1+2 Sem.I
Flori. 601	Advances in Flower Production Technology	3+0 Sem.II
Flori. 602	Advances in Breeding of Flower Crops	3+0 Sem. I
Flori. 603	Advances in Landscape Architecture	1+2 Sem.I
Flori. 604	Advances in Pre and Post-harvest Management of Ornamentals	3+0 Sem.II
Flori. 605	Advances in Nursery Production and Management	2+0 Sem.I
Flori. 606	Advances in Protected and Precision Floriculture	2+0 Sem.II
Flori. 607	Planning and Management of Parks	2+0 Sem.II
Flori. 591	Seminar	
Flori. 600	Master's Research	
Flori. 700	Ph.D. Research	

DEPARTMENT OF FOOD TECHNOLOGY

Undergraduate Courses

FT 101	Food Production Trends and Programmes	2+0 Sem.I
FT 102	Principles of Food Processing and Preservation	2+1 Sem. II
FT 201	Technology of Fish and Marine Foods	1+1 Sem. I
FT 202	Food Quality	1+1 Sem.I
FT 203	Food Packaging	2+1 Sem. II
FT 204	Technology of Extruded Food Products	2+1 Sem. II
FT 302	Introduction to Food Science and Post-harvest Value Addition	1+1 Sem. I
FT 303	Food Additives	2+1 Sem.I
FT 304	Food Industry By-products	1+1 Sem.I
FT 305	Food Safety, Laws and Regulations	2+1 Sem.II
FT 306	Speciality Foods	1+1 Sem.II
FT 401	Quality Assurance and Certification	2+1 Sem.I
FT 402	Confectionery and Bakery Technology	2+1 Sem.I
FT 403	Technology of Legumes and Oilseeds	2+1 Sem.I
FT 404	Technology of Plantation Crops and Spices	1+1 Sem.I

B. Tech./ Undergraduate Elective /M.Sc Supporting / Minor Courses

FT 433	Fruit and Vegetable Technology	2+1 Sem.I
FT 434	Dairy Technology	2+1 Sem.I
FT 435	Cereal Technology	2+1 Sem.I
FT 436	Egg and Meat Technology	2+1 Sem.I
FT 499	Industrial Training	0+20 Sem.II
Edu. Tour	Educational Tour	0+2 NC Sem.I

Postgraduate Courses

FT 501/FN 512	Principles of Food Processing	2+1 Sem. I
FT502	Food Additives and Ingredients	2+1 Sem. I
FT 503	Food Quality Systems and Management	2+1 Sem. II
FT 504	Enzymes in Food Processing	2+1 Sem.II
FT 505	Nutraceuticals and Health Foods	2+1 Sem. I
FT 506	Inplant Training	0+1 (NC) Sem. I, II
FT 507	Technology of Fruits and Vegetable Processing	2+1 Sem.I
FT 508	Technology of Cereals, Pulses and Oil seeds	2+1 Sem. I
FT 509	Technology of Milk and Milk Products	2+1 Sem. I
FT 510	Technology of Meat, Poultry and Fish	2+1 Sem. I
FT 511/PFE 510	Food Packaging	2+1 Sem. II
FT 601	Advances in Food Technology	2+0 Sem.II
FT 602	Advanced Foods Analysis	0+2 Sem. I
FT 603	Product Design and Development	2+0 Sem.II
FT 604	Carbohydrate Technology	2+1 Sem. II
FT 605	Lipid Technology	2+1 Sem. I
FT 606	Protein Technology	2+1 Sem. II
FT 591	Seminar	
FT 600	Master's Research	
FT 700	Ph.D. Research	

DEPARTMENT OF FORESTRY AND NATURAL RESOURCES

Undergraduate Courses

Forst. 301	Introductory Forestry	1+1 Sem. I
Forst. 433	Production Technology of Economic Forest Trees	2+1 Sem. I

Postgraduate Courses

Forst. 501	Silviculture	2+0 Sem. I
Forst. 502	Forest Biometry and Management	3+1 Sem. II
Forst. 503	Forest Ecology and Biodiversity Conservation	2+1 Sem. I
Forst. 504	Forest Protection and Conservation	2+1 Sem. II
Forst. 505	Tree Improvement	1+1 Sem. I
Forst. 506	Agroforestry	1+1 Sem. II
Forst. 507/Econ.520	Forest Resource Management and Economics	1+1 Sem. I
Forst. 508	Forest Policy, Laws and International Conventions	2+0 Sem. I
Forst. 509	Forests and People	2+0 Sem. I
Forst. 510	Forest Products – Chemistry and Industries	2+1 Sem. II
Forst. 591	Seminar	
Forst. 600	Master's Research	

DEPARTMENT OF HORTICULTURE

Undergraduate Courses

Hort. 91	Horticulture-I	2+1 Sem. I
Hort. 203	Production Technology of Fruit Crops	2+1 Sem. I
Hort. 301	Post Harvest Management of Fruits and Vegetables	1+1 Sem. II
Hort. 433	Nursery Management of Horticultural Crops	2+1 Sem. I
Hort. 434	Commercial Fruit Production	2+1 Sem. I
Hort. 435	Processing and Value Addition of Horticultural Crops	2+1 Sem. I

Postgraduate Courses

Hort. 501	Tropical and Dry Land Fruit Production	2+1 Sem. I
Hort. 502	Sub-tropical and Temperate Fruit Production	2+1 Sem. II
Hort. 503	Nutrient and Canopy Management in Fruit Crops	2+1 Sem. II
Hort. 504	Principles and Practices of Plant Propagation	2+1 Sem. II
Hort. 505	Breeding of Fruit Crops	2+1 Sem. I
Hort. 506	Post-harvest Technology for Fruit Crops	2+1 Sem. II
Hort. 507	Growth and Development of Horticultural Crops	2+1 Sem. I
Hort. 508	Orchard Management and Organic Horticulture	2+1 Sem. I
Hort. 601	Advances in Breeding of Fruit Crops	3+0 Sem. I
Hort. 602	Advances in Production of Fruit Crops	3+0 Sem. II
Hort. 603	Advances in Growth Regulation of Fruit Crops	3+0 Sem. II
Hort. 604	Advances in Nutrition of Fruit Crops	3+0 Sem. I
Hort. 605	Biotic and Abiotic Stress Management in Fruit Crops	3+0 Sem. I
Hort. 591	Seminar	
Hort. 600	Master's Research	
Hort. 700	Ph.D. Research	

DEPARTMENT OF PLANT BREEDING & GENETICS

Undergraduate Courses

PBG 102	Introductory Genetics	2+0 Sem. I
PBG 103	Introduction to Genetics	2+1 Sem. I
PBG 202	Principles of Seed Technology	2+1 Sem. I
PBG 303	Introduction to Plant Breeding	2+1 Sem. I
PBG 304	Breeding of Field and Horticultural Crops	2+1 Sem. II
PBG 433	Genetics of Crop Plants	2+1 Sem. I
PBG 434	Cytogenetics of Crop Plants	2+1 Sem. I
PBG 435	Theory and Practice of Plant Breeding	3+1 Sem. I
PBG 436	Introduction to Breeding Field Crops	3+0 Sem. I
PBG 437	Crop Experimentation	1+1 Sem. I

Postgraduate Courses

PBG 501	Principles of Genetics	2+1 Sem. I
PBG 502	Principles of Cytogenetics	2+1 Sem. II
PBG 503	Principles of Plant Breeding	2+1 Sem. I
PBG 504	Principles of Quantitative Genetics	2+1 Sem. II
PBG 505	Cell Biology and Molecular Genetics	2+1 Sem. II
PBG 506	Mutagenesis and Mutation Breeding	1+1 Sem. I
PBG 507	Population Genetics	2+1 Sem. II
PBG 508	Heterosis Breeding	2+1 Sem. II
PBG 509	Breeding for Biotic and Abiotic Stress Resistance	2+1 Sem. II
PBG 510	Breeding Field Crops	3+1 Sem. II
PBG 511	Breeding for Quality Traits	2+1 Sem. II
PBG512	Gene Regulation and Expression	2+0 Sem. I
PBG 513	Maintenance Breeding and Concepts of Variety Release and Seed Production	1+1 Sem. I
PBG 514	Collection, Management, Utilization of Plant Genetic Resources	3+1 Sem. II
PGS 502	Intellectual Property Management, Biodiversity and Biosafety	2+0 Sem. II
PBG 601	Genomics in Plant Breeding	2+1 Sem. II
PBG 602	Molecular and Chromosomal Manipulations for Crop Breeding	2+0 Sem. II
PBG 603	Advances in Plant Breeding Systems	2+0 Sem. I
PBG 604	Breeding Designer Crops	2+1 Sem. II
PBG 605	Plant Genetic Resources and Crop Evolution	2+0 Sem. I
PBG 606	Advanced Biometrical and Quantitative Genetics	2+1 Sem. I
PBG 607	Advances in Breeding of Major Field Crops	3+0 Sem. I
PBG 608	Microbial Genetics	2+1 Sem. I
PBG 609	<i>In Situ</i> and <i>Ex Situ</i> Conservation of Germplasm	2+1 Sem. II
PBG 591	Seminar	
PBG 600	Master's Research	
PBG 700	Ph.D. Research	

DEPARTMENT OF PLANT PATHOLOGY

Undergraduate Courses

Pl. Path.91/Ent. 91	Plant Protection-I	2+1 Sem. I
Pl. Path. 101	Plant Pathogens and Principles of Plant Pathology	2+1 Sem. II
Pl. Path. 201	Diseases of Field Crops and their Management	2+1 Sem. II
Pl. Path. 303	Diseases of Horticultural Crops and their Management	2+1 Sem. II
Pl. Path. 433	Plant Disease Diagnosis	0+2 Sem. I
Pl. Path. 434	Biocontrol and Integrated Disease Management	2+2 Sem. I
Pl. Path. 435	Post Harvest Diseases and their Management	2+1 Sem. I
Nem. 433	Plant Nematology	1+1 Sem. I

Postgraduate Courses

Pl. Path.501	Mycology	2+1 Sem. I
Pl. Path. 502	Plant Virology	2+1 Sem. II
Pl. Path. 503	Plant Bacteriology	2+1 Sem. II
Pl. Path. 504	Principles of Plant Pathology	3+0 Sem. I
Pl. Path. 505	Principles of Plant Disease Management	2+1 Sem. I
Pl. Path. 506	Detection and Diagnosis of Plant Diseases	0+2 Sem. II
Pl. Path. 507	Integrated Disease Management	2+1 Sem. I
Pl. Path. 508	Epidemiology and Forecasting of Plant Diseases	2+0 Sem. II
Pl. Path. 509/Ent.509	Molecular Approaches in Plant Protection	2+1 Sem. II
Pl. Path. 510/Ent.510	Plant Quarantine	2+0 Sem. I
Pl. Path. 511	Post Harvest Diseases	2+1 Sem. II
Pl. Path. 601	Ecology of Plant Pathogens	2+0 Sem. II
Pl. Path. 602	Molecular Basis of Host-Pathogen Interaction	2+0 Sem. II
Pl. Path. 603	Principles and Procedures of Certification	2+0 Sem. II
Pl. Path 604	Advanced Systematic Mycology	3+0 Sem. I
Pl. Path 605	Advanced Plant Virology	2+0 Sem. II
Pl. Path 606	Advanced Plant Bacteriology	2+0 Sem. I
Pl. Path. 591	Seminar	
Pl. Path. 600	Master's Research	
Pl. Path. 700	Ph. D. Research	

DEPARTMENT OF SOIL SCIENCE

Undergraduate Courses

Soils 91	Soils-I	2+1 Sem.II
Env. 91	Environment-I	3+0 Sem.I
Soils 103	Introduction to Soil Science	2+1 Sem. I
Soils 104	Soil Chemistry, Soil Fertility and Nutrient Management	2+1 Sem. II
Soils 203	Soil Physics and Erosion Management	1+1 Sem. I
Soils 204	Manures and Fertilizers	1+1 Sem. II
Env.301	Environmental Science	3+0 Sem. I, II
Soils 433	Soil Survey, Classification and Mapping	0+2 Sem. I
Soils 434	Soil Physical and Biological Environment	1+2 Sem. I
Soils 435	Analytical Techniques in Soils, Plants, Fertilizers and Water	1+3 Sem. I

Postgraduate Courses

Soils 501	Soil Physics	2+1 Sem. I
Soils 502	Soil Fertility and Fertilizer Use	2+1 Sem. I
Soils 503	Soil Chemistry	2+1 Sem. I
Soils 504	Soil Mineralogy, Genesis, Classification and Survey	2+1 Sem. II
Soils 505	Soil Biology and Biochemistry	2+1 Sem. II
Soils 506	Soil Erosion and Conservation	2+1 Sem. II
Soils 507	Geomorphology and Geochemistry	2+0 Sem. I
Soils 508	Soil, Water and Air Pollution	2+1 Sem. I
Soils 509	Analytical Techniques and Instrumental Methods in Soil and Plant Analysis	1+2 Sem. I
Soils 510	System Approaches in Soil and Crop Studies	2+0 Sem. II
Soils 511	Management of Problem Soils and Water	2+1 Sem. I
Soils 601	Advances in Soil Physics	3+0 Sem. II
Soils 602	Advances in Soil Fertility	3+0 Sem. II
Soils 603	Physical Chemistry of Soils	2+0 Sem. I
Soils 604	Soil Genesis and Micropedology	2+0 Sem. I
Soils 605	Biochemistry of Soil Organic Matter	2+0 Sem. I
Soils 606	Land Use Evaluation and Planning	2+0 Sem. II
Soils 591	Seminar	
Soils 600	Master's Research	
Soils 700	Ph.D. Research	

DEPARTMENT OF VEGETABLE CROPS

Undergraduate Courses

Veg. 101	Vegetable Production Technology	2+1 Sem. II
Veg. 433	Commercial Vegetable Production	2+1 Sem. I
Veg. 434	Vegetable Breeding and Seed Production	2+1 Sem. I
Veg. 435	Forcing Techniques in Vegetable Production	2+1 Sem. I

Postgraduate Courses

Veg. 501	Production Technology of Winter Season Vegetable Crops	2+1 Sem. I
Veg. 502	Production Technology of Summer Season Vegetable Crops	2+1 Sem. II
Veg. 503	Breeding of Self Pollinated and Vegetatively Propagated Vegetable Crops	2+1 Sem. II
Veg. 504	Breeding of Cross Pollinated Vegetable Crops	2+1 Sem. I
Veg. 505	Systematics of Vegetable Crops	2+1 Sem. I
Veg. 506	Seed Production Technology of Vegetable Crops	2+1 Sem. I
Veg. 507	Production Technology of Under Exploited Vegetable Crops	2+0 Sem. I
Veg. 508	Organic Vegetable Production Technology	2+1 Sem. II
Veg. 509	Post-harvest Handling of Vegetable Crops	2+1 Sem. II
Veg. 601	Advances in Vegetable Production	3+0 Sem. II
Veg. 602	Advances in Vegetable Breeding	3+0 Sem. II
Veg. 603	Laboratory Techniques in Vegetable Crops	1+2 Sem. I
Veg. 604	Abiotic Stress Management in Vegetable Crops	2+1 Sem. I
Veg. 605	Seed Certification, Processing and Storage of Vegetable Crops	2+1 Sem. I
Veg. 591	Seminar	
Veg. 600	Master's Research	
Veg. 700	Ph.D. Research	

ANIMAL SCIENCE UNIT

Undergraduate Courses

LPM 91	Animal Science- I	2+1 Sem. I
LPM 205	Livestock Production and Management	2+1 Sem. II