

List of MSc. Courses selected for call 3

*CC=Content Creator, UR= Unit Reviewer & CR = Course Reviewer

S.No	BSMA	Discipline	Course Code	Course	Units		Role
					CC	UR	
1	Basic Sciences	Microbiology	MICRO501	Principles of Microbiology	UNIT-III	UNIT-I UNIT-II UNIT-III	CC, UR
			MICRO 502	Microbial Physiology and Metabolism	Unit- IV		CC
		Plant Physiology	PP508	Morphogenesis, Tissue culture And Transformation	UNIT-IV UNIT-V	UNIT-IV UNIT-V	CC, UR
		Agricultural Chemicals	AC503	Basic Chemistry I	UNIT I UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC, UR, CR
			AC504	Basic Chemistry II	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC, UR, CR
		Biochemistry	BIOCHEM502	Intermediary Metabolism	-	-	CR
		Chemistry	CHEM502	Thermodynamics	UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC, UR, CR

			CHEM503	Chemical Kinetics And surface Chemistry	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC, UR, CR
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2	Biotechnology and Bioinformatics	Animal Biotechnology	ABT602	Fundamentals of Cell & Molecular Biology	UNIT-II UNIT-IV	UNIT-II UNIT-IV	CC, UR
		Bioinformatics	BIF501	INTRODUCTION TO BIOINFORMATICS		UNIT-I UNIT-II UNIT-IV	UR
			BIF502	Advanced Bioinformatics	UNIT-III	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR

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3	Plant Sciences	Genetics and Plant Breeding	GP502	Principles of Cytogenetics	-	-	CR
			GP504	Principles of Quantitative Genetics	UNIT-II	UNIT-II	CC,UR

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4	Physical Sciences	Agricultural Meteorology	AGM501	Fundamentals of Meteorology And Climatology	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V UNIT-VI	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V UNIT-VI	CC,UR, CR
			AGM502	Fundamentals of Agricultural Meteorology	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V UNIT-VI	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V UNIT-VI	CC,UR ,CR
		Agricultural Physics	AP501	Fundamentals of Soil Physics	UNIT-V UNIT-VI UNIT-VII UNIT-VIII UNIT-IX	UNIT-I UNIT-II UNIT-IV UNIT-V UNIT-VI UNIT-VII UNIT-VIII UNIT-IX	CC,UR, CR

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5	Plant Protection	Nematology	NEMA501	Principles of Nematology	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC,UR, CR
			NEMA503	Structural And Functional Organization Of Nematodes	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC,UR, CR

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6	Social Sciences	Agri-Business Management	ABM513	Computers For Managers	UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC,UR, CR
			ABM514	Management Information Systems	UNIT-IV UNIT-V	UNIT-III UNIT-IV UNIT-V	CC,UR, CR
		Agricultural Economics	AGECON501	Micro Economic Theory And Applications	UNIT-III	UNIT-III	CC,UR
		Agricultural Extension	EXT501	Development Perspectives Of Extension Education	UNIT-III	UNIT-III	CC,UR

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7	Statistical Sciences	Bio-Statistics	BST551	Mathematical Methods-I	UNIT-III UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR
			BST552	Mathematical Methods-II	UNIT-I UNIT-II UNIT-III UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR
		STATISTICS / AGRICULTURAL STATISTICS	SAT561	STATISTICAL METHODS		UNIT-I UNIT-IV UNIT-V	UR
			SAT564	DESIGN OF EXPERIMENTS		UNIT-IV UNIT-VI	UR

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8	Horticultural Sciences	Fruit Science	FSC501	Tropical And Dry Land Fruit Production	UNIT-IV	UNIT-IV	CC,UR
			FSC502	Subtropical And Temperate Fruit Production	UNIT-IV UNIT-V	UNIT-IV UNIT-V	CC,UR
		Vegetable Science	VSC501	Production Technology of Cool Season Vegetable Crops	UNIT-IV UNIT-V	UNIT-IV UNIT-V	CC,UR

			VSC502	Production Technology of Warm Season Vegetable Crops	UNIT-II UNIT-III	UNIT-II UNIT-III	CC,UR
		Floriculture And Landscape Architecture	FLA501	Breeding of Flower Crops And Ornamental Plants	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC,UR, CR
		Plantation,Spices,Medicinal & Aromatic Crops	PSMA501	Production of Plantation Crops	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC,UR, CR
			PSMA502	Production Technology of Spice Crops	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC,UR, CR

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9	Forestry	Forestry	FOR501	Silviculture	UNIT-I UNIT-II UNIT-III	UNIT-I UNIT-II UNIT-III	CC,UR, CR
			FOR502	Forest Biometry	UNIT-I UNIT-II UNIT-III	UNIT-I UNIT-II UNIT-III	CC,UR, CR

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10	Agricultural Engineering & Technology	Farm Machinery And Power Engineering	FMPE501	Design of Farm Power And Machinery Systems	UNIT-I	UNIT-I	CC,UR
			FMPE502	Soil Dynamics In Tillage And Traction	UNIT-I UNIT-III UNIT-IV UNIT-II	UNIT-I UNIT-III UNIT-IV UNIT-II	CC,UR, CR
		Processing And Food Engineering	PFE501	Transport Phenomena In Food Processing	UNIT-IV	UNIT-III UNIT-IV	CC,UR, CR
			PFE502	Engineering Properties of Food Materials	UNIT-IV	UNIT-II UNIT-IV	CC,UR, CR
		Soil And Water Engineering	SWE501	Watershed Hydrology	UNIT-V	UNIT-V	CC,UR

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11	Home Science	Food & Nutrition	FN502	Advanced Nutrition	UNIT-III UNIT-IV	UNIT-II UNIT-III UNIT-IV	CC,UR, CR
		Family Resource Management	FLRM501	Approaches To Resource Management	UNIT-I UNIT-II UNIT-III UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR

			FLRM502	Consumer Ergonomics	UNIT-I UNIT-II UNIT-III UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR
		Human Development and Family Studies	HDFS501	Theories of Human Development & Behavior	UNIT-III UNIT-IV	UNIT-III UNIT-IV	CC,UR
			HDFS502	Advances In Life Span Development	UNIT-I UNIT-II UNIT-III UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR
		Textile And Apparel Designing	TAD501	Fiber Chemistry	UNIT-I UNIT-II UNIT-III UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR
			TAD502	Textile Quality Analysis	UNIT-I UNIT-II UNIT-III UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR
		Home Science Extension & Communication Management	HECM501	Global Extension Systems	UNIT-III UNIT-IV	UNIT-III UNIT-IV	CC,UR
			HECM502	Training And Human Resource Development	UNIT-IV	UNIT-IV	CC,UR

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12	Basic Veterinary Science	Veterinary Biochemistry	VBC601	Chemistry of Animal Cell	UNIT-II	UNIT-II UNIT-III	CC,UR, CR
			VBC603	Applications of Genomics And Proteomics In Molecular Biology	-	UNIT-II UNIT-III	UR,CR
		Veterinary Physiology	VPY601	Physiology of Digestion	UNIT-III UNIT-IV	UNIT-III UNIT-IV	CC,UR

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13	Veterinary Para Clinical Subjects	Veterinary Microbiology	VMC602	Bacteriology-II	UNIT-II	UNIT-II	CC,UR
		Veterinary Parasitology	VPA603	Veterinary Entomology And Acarology	UNIT-II UNIT-III	UNIT-II UNIT-III	CC,UR
		Veterinary Pharmacology And Toxicology	VPT602	Autonomic And Autacoid Pharmacology	-	-	CR
		Veterinary Public Health	VPH601	Elements Of Veterinary Public Health	UNIT-I UNIT-II UNIT-III	UNIT-I UNIT-II UNIT-III	CC,UR, CR

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14	Veterinary Clinical Subjects	Animal Reproduction Gynecology & Obstetrics	VOG601	General Gynecology	UNIT-V	UNIT-V	CC,UR
			VOG602	Female Infertility	UNIT-VIII	UNIT-VIII UNIT-IX	CC,UR, CR
		Veterinary Epidemiology & Preventive Medicine	VEP601	Principles of Epidemiology	UNIT-I UNIT-II UNIT-III UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR
			VEP602	Applied Epidemiology	UNIT-I UNIT-II UNIT-III UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR

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15	Livestock Production Technology & Products Management	Animal Genetics & Breeding	AGB601	Animal Cytogenetics And Immunogenetics	-	-	CR
		Poultry Science	PSC601	Poultry Breeding And Genetics	UNIT-III	UNIT-III	CC,UR
			PSC602	Poultry Nutrition And Feeding	UNIT-IV	UNIT-IV	CC,UR

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16	Dairy Science & Technology	Dairy Technology	DT511	Advanced Dairy Processing	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V UNIT-VI	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V UNIT-VI	CC,UR, CR
			DT514	Dairy Process Biotechnology	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V UNIT-VI	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V UNIT-VI	CC,UR, CR
		Dairy Microbiology	DM512	Microbial Physiology	UNIT-I UNIT-II UNIT-III UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR
			DM515	Microbiology of Processed Dairy Foods	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC,UR, CR
		Dairy Chemistry	DC513	Chemistry of Milk Lipids	UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-II UNIT-III UNIT-IV UNIT-V	CC,UR

		DC521	Chemistry of Milk Proteins	UNIT-IV UNIT-V UNIT-VI	UNIT-IV UNIT-V UNIT-VI	CC,UR
	Dairy Engineering	DE511	Dairy And Food Engineering-I	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V	CC,UR, CR
		DE515	Design of Process Equipment	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V UNIT-VI	UNIT-I UNIT-II UNIT-III UNIT-IV UNIT-V UNIT-VI	CC,UR, CR
	Food Technology	FST501	Food Chemistry & Nutrition	UNIT-IV	UNIT-I UNIT-II UNIT-III UNIT-IV	CC,UR, CR
		FST502	Food Microbiology	UNIT-IV	UNIT-IV	CC,UR