

List of UG Courses to be Revised in Second Call**B.Sc (Agriculture)**

S.No	Course
1	Livestock Production and Management
2	Weed Management
3	Statistical Methods
4	Post-harvest Management and Value Addition of Fruits and Vegetables
5	Principles of Seed Technology
6	Principles of Genetics
6	Elementary Mathematics
8	Fundamentals of Biochemistry
9	Renewable Energy
10	Agricultural Microbiology
11	Agricultural Marketing Trade and Prices
12	Agricultural Finance & Cooperation
13	Water Management Including Micro Irrigation
14	Insect Morphology and Systematics

B.Tech (Agricultural Engineering)

S.No	Course
1	Computer programming and Data Structures
2	Watershed Hydrology
3	Human Engineering and Safety
4	Mechanics of Tillage and Traction
5	Food Packaging Technology
6	Strength of Material
7	Engineering Chemistry
8	Electrical Machines and Power Utilization
9	Surveying and Levelling
10	Design of Structures
11	Engineering Mechanics
12	Watershed Planning and Management
13	Soil Mechanics
14	Heat and Mass Transfer
15	Engineering Physics
16	Engineering Mathematics - I
17	Engineering Mathematics - III
18	Applied Electronics and Instrumentation

19	Engineering Mathematics-II
20	Dairy and Food Engineering
21	Agricultural Structures and Environmental Control
22	Irrigation Engineering
23	Drainage Engineering
24	Groundwater, Wells and Pumps
25	Theory of Machines
26	Machine Design
27	Farm Machinery and Equipment
28	Farm Machinery and Equipment-II
29	Tractor Systems and Controls

B.Tech (Dairy Technology)

S.no	Course
1	Engineering Drawing
2	Thermodynamics
3	Dairy Engineering
4	Food Engineering
5	Workshop Practice
6	Heat & Mass Transfer

7	Refrigeration & Air-Conditioning
8	Material Strength & Dairy Machine Design
9	Instrumentation and Process Control
10	Dairy Process Engineering
11	Dairy Plant Design and Layout
12	Fluid Mechanics
13	Starter Cultures and Fermented Milk Products
14	Industrial Statistics
15	Milk Production Management & Dairy Development
16	Marketing Management & International Trade
17	Fundamentals of Dairy Extension
18	Environmental Studies
19	Communication Skills
20	Economic Analysis
21	Financial Management & Cost Accounting
22	Entrepreneurship Dev. & Ind. Consultancy
23	Fundamentals of Microbiology
24	Food and Industrial Microbiology
25	Ice-cream & Frozen Deserts
26	Market Milk

27	Food Technology-I
28	By-Products Technology
29	Food Technology-II
30	Cheese Technology
31	Fat Rich Dairy Products
32	Packaging of Dairy Products
33	Chemical Quality Assurance
34	Food Chemistry
35	Organic Chemistry
36	Physical Chemistry of Milk
37	Chemistry of Milk

B.Sc (Horticulture)

S.No	Course
1	Elementary Statistics and Computer Application
2	Introductory Crop Physiology
3	Growth and Development of Horticultural Crops
4	Medicinal and Aromatic Crops
5	Commercial Floriculture
6	Ornamental Horticulture

7	Principles of Plant Breeding
8	Plantation Crops
9	Tropical and Subtropical Fruits
10	Breeding of Fruit And Plantation Crops
11	Seed Production of Vegetable, Tuber and Spice Crops
12	Fundamentals of Horticulture
13	Weed Management in Horticultural Crops
14	Temperate Fruit
15	Water Management in Horticultural Crops
16	Farm Power and Machinery
17	Fundamentals of Soil Science
18	Introductory Agro-Forestry
19	Introduction to Major Field Crops
20	Organic Farming
21	Soil Fertility and Nutrient Management
22	Fundamentals of Entomology
23	Fundamentals of Plant Pathology
24	Insect Pests of Vegetable, Ornamental and Spice Crops
25	Insect Pests of Fruit, Plantation, Medicinal and Aromatic Crops
26	Diseases of Fruit, Plantation and Medicinal and Aromatic Crops
27	Diseases of Vegetable, Ornamental and Spice Crops

28	Nematode Pests of Horticultural Crops and Their Management
29	Fundamentals of Food Technology
30	Fundamentals of Extension Education
31	Horti-Business Management
32	Spices and Condiments
33	Potato and Tuber Crops
34	Tropical and Subtropical Vegetable Crops
35	Breeding of Vegetable & Tuber and Spice Crops

B.F.Sc (Fisheries)

S.No	Course
1	Freshwater Aquaculture
2	Genetics and Breeding
3	Ornamental Fish Production and Management
4	Principles of Aquaculture
5	Coastal Aquaculture and Mariculture
6	Fish Nutrition and Feed Technology
7	Marine Biology
8	Oceanography
9	Limnology

10	Soil and Water Chemistry
11	Freezing Technology
12	Refrigeration and Equipment Engineering
13	Fishing Craft Technology
14	Aquaculture Engineering
15	Fisheries Economics
16	Fisheries Extension Education
17	Information and Communication Technology
18	Statistical Methods
19	Fish Population Dynamics and Stock Assessment
20	Physiology of Finfish and Shellfish
21	Taxonomy of Finfish
22	Fish Immunology
23	Taxonomy of Shellfish
24	Inland Fisheries

B.V.Sc (Veterinary Sciences)

S.No	Course
1	Animal Genetics and Breeding
2	Animal Nutrition
3	Veterinary Physiology
4	Livestock Production Management
5	Livestock Products Technology
6	Veterinary Anatomy
7	Veterinary and Animal Husbandry Extension Education
8	Veterinary Biochemistry
9	Veterinary Public Health and Epidemiology
10	Veterinary Surgery and Radiology
11	Veterinary Gynecology and Obstetrics
12	Veterinary Medicine
13	Veterinary Microbiology
14	Veterinary Parasitology
15	Veterinary Pathology
16	Veterinary Pharmacology and Toxicology

B.Sc (Home Science)

S.No	Course
1	Developmental Assessment of Young Children
2	Food Toxicology
3	Food Preservation and Storage
4	Community Nutrition
5	Food Science and Processing
6	Normal and Therapeutic Nutrition
7	Food Standards and Quality Control
8	Housing and Space Management
9	Project Management
10	Computer Aided Interior Design
11	Instructional Video Production
12	Women In Agriculture
13	Public Relations and Social Marketing
14	Fashion Illustrations
15	Fundamentals of Clothing Construction
16	Introduction to Clinical Nutrition ~Clinical Nutrition