

SEMESTER WISE COURSE DISTRIBUTION

FIRST SEMESTER

No.	Course No.	Title of course	Credit	Total
1.	Agron.1.1	Agricultural Heritage	1+0	1
2.	Ag.Chem.1.1	Fundamental of Soil Science	2+1	3
3.	Ag.Met.1.1	Introductory Agro meteorology & Climate Change	1+1	2
4.	Ag.Micro.1.1	Agricultural Microbiology	1+1	2
5.	Ag.Stat.1.1	Agricultural Informatics	2+1	3
6.	GPB.1.1	Introductory Biology	1+1	2
7.	Hort.1.1	Fundamentals of Horticulture	1+1	2
8.	Pl.Path.1.1	Fundamentals of Plant Pathology	2+1	3
9.	Eng.1.1	Comprehension and Communication Skills in English	1+1	2
10.	Maths.1.1	Elementary Mathematics	2+0	2
11.	PE	NSS/NCC/Physical Education & Yoga Practices (Non-gradial)	-	-
TOTAL			14+8	22

SECOND SEMESTER

No.	Course No.	Title of course	Credit	Total
1.	Agron.2.2	Fundamentals of Agronomy	3+1	4
2.	Ag.Chem.2.2	Manures, Fertilizers and Soil Fertility Management	2+1	3
3.	Ag.Stat.2.2	Statistical Methods	2+1	3
4.	Ag.Econ.2.1	Fundamentals of Agricultural Economics	2+0	2
5.	Ag.Engg.2.1	Introductory Soil and Water Conservation Engineering	1+1	2
6.	Biochem.2.1	Fundamentals of Plant Biochemistry	2+1	3
7.	GPB.2.2	Fundamentals of Genetics	2+1	3
8.	Hort.2.2	Production Technology for Fruit and Plantation Crops	1+1	2
9.	Pl.Path.2.2	Introductory Plant Nematology	1+1	2
10.	HVE.2.1*	Human Value & Ethics (Non-gradial)	1+0*	1*
11.	PE.2.1*	NSS/NCC/Physical Education & Yoga Practices (Non-gradial)	0+1*	1*
TOTAL			16+8+2*	24+2*

THIRD SEMESTER

No.	Course No.	Title of course	Credit	Total
1.	Agron.3.3	Crop Production Technology-I (Kharif Crops)	1+1	2
2.	Ag.Chem.3.3	Problematic Soils and their Management	2+1	3
3.	Ag.Ento.3.1	Fundamentals of Entomology	2+1	3
4.	Ag.Econ.3.2	Agricultural Finance and Co-operation	2+1	3
5.	Ag.Engg.3.2	Farm Machinery and Power	1+1	2
6.	Ag.Ext.3.1	Fundamentals of Agricultural Extension Education	2+1	3
7.	GPB.3.3	Fundamentals of Plant Breeding	2+1	3
8.	Hort.3.3	Production Technology for Vegetables and Spices	1+1	2
9.	Pl.Phy.3.1	Fundamentals of Crop Physiology	2+1	3
10.	PE	NSS/NCC/Physical Education & Yoga Practices (Non-gradual)	--	-
		TOTAL	15+9	24

FOURTH SEMESTER

No.	Course No.	Title of course	Credit	Total
1.	Agron.4.4	Crop Production Technology-II (Rabi Crops)	1+1	2
2.	Agron.4.5	Weed Management	2+1	3
3.	Ag.Ento.4.2	Principles of Integrated Pest Management	1+1	2
4.	Ag.Ento.4.3	Management of Beneficial Insects	1+1	2
5.	Ag.Econ.4.3	Agricultural Marketing, Trade and Prices	2+1	3
6.	Ag.Engg.4.3	Renewable Energy and Green Technology	1+1	2
7.	Ag.Ext.4.2	Rural Sociology and Educational Psychology	2+0	2
8.	Pl.Path.4.3	Principles of Integrated Disease Management	1+1	2
9.	GPB.4.4	Principles of Seed Technology	2+1	3
10.	GPB.4.5	Intellectual Property Rights	1+0	1
11.	Hort.4.4	Production Technology for Ornamental Crops, MAP and Landscaping	1+1	2
12.	PE.4.2*	NSS/NCC/Physical Education & Yoga Practices (Non-gradual)	0+1*	1*
		TOTAL	15+9+1	24+1*

FIFTH SEMESTER

No.	Course No.	Title of course	Credit	Total
1.	Agron.5.6	Farming System and Sustainable Agriculture	1+0	1
2.	Agron.5.7	Geo-informatics and Precision Farming	1+1	2
3.	Agron.5.8	Practical Crop Production-I (Kharif Crops)	0+1	1
4.	Biotech.5.1	Introductory Biotechnology	1+1	2
5.	Ag.Ento.5.4	Pest of Crops Stored Grains and their Management	1+1	2
6.	Ag.Engg.5.4	Protected Cultivation and Secondary Agriculture	1+1	2
7.	Ag.Ext.5.3	Communication Skills and Personality Development	1+1	2
8.	Pl.Path.5.4	Diseases of Field and Horticultural Crops and Their Management-I	2+1	3
9.	GPB.5.6	Crop Improvement-I	1+1	2
10.	LPM.5.1	Ruminant Production and Management	2+1	3
11.	Hort.5.5	Landscaping	2+1	3
12.	Envs.5.1	Environmental studies and Disaster Management	2+1	3
		TOTAL	15+11	26

SIXTH SEMESTER

No.	Course No.	Title of course	Credit	Total
1.	Agron.6.9	Principles of Organic Farming	1+1	2
2.	Agron.6.10	Rainfed Agriculture and Watershed Management	1+1	2
3.	Agron.6.11	Practical Crop Production-II (Rabi Crops)	0+1	1
4.	Ag.Econ.6.4	Farm Management, Production and Resource Economics	2+1	3
5.	Ag.Ext.6.4	Entrepreneurship Studies and Business Communication	1+1	2
6.	Pl.Path.6.5	Disease of Field and Horticultural Crops and their Management-II	2+1	3
7.	GPB.6.7	Crop Improvement -II	1+1	2
8.	Hort.6.6	Post-harvest Management and Value Addition of Fruits and Vegetables	1+1	2
9.	LPM.6.2	Poultry Production and Management	1+1	2
10.	Ag.Ento.6.5	Pests of Horticultural Crops and their Management	1+1	2
11.	Ag.Micro.6.2	Bio-pesticides & Bio-fertilizers	2+1	3
		TOTAL	13+11	24

SEVENTH SEMESTER

No.	Course No.	Title of course	Credit	Total
1.	RAWE	Phase 1 to Phase 6 (Including Educational Tour)	0+20	20

EIGHTH SEMESTER

No.	Course No.	Title of course	Credit	Total
1.	ELP	Module - 1 and Module - 2	0+20	20

SUMMARY OF SEMESTER-WISE COURSES AND CREDITS

No.	Semester	No. of gradial courses	Total gradial credits	No. of non-gradial courses	Total non-gradial credits
1	First	10	14+8=22	-	--
2	Second	09	16+8=24	2	1+1=2
3	Third	09	15+9=24	-	--
4	Fourth	11	15+9=24	1	0+1=1
5	Fifth	11	15+11=26	--	--
6	Sixth	11	13+11=24	--	--
TOTAL		61	88+56=144	3	1+2=3
7	Seventh (RAWE)	11	0+20=20	--	--
8	Eighth (ELP)	02	0+20=20	--	--
GRAND TOTAL		74	88+96=184	3	1+2=3

DEPARTMENT - WISE COURSE DISTRIBUTION

Agronomy

No.	Course No.	Title of course	Credit	Total
1	Agron.1.1	Agricultural Heritage	1+0	1
2	Agron.2.2	Fundamentals of Agronomy	3+1	4
3	Agron.3.3	Crop Production Technology-I (Kharif Crops)	1+1	2
4	Agron.4.4	Crop Production Technology-II (Rabi Crops)	1+1	2
5	Agron.4.5	Weed Management	2+1	3
6	Agron.5.6	Farming System and Sustainable Agriculture	1+0	1
7	Agron.5.7	Geo-informatics and Precision Farming	1+1	2
8	Agron.5.8	Practical Crop Production-I (Kharif Crops)	0+1	1
9	Agron.6.9	Principles of Organic Farming	1+1	2
10	Agron.6.10	Rainfed Agriculture and Watershed Management	1+1	2
11	Agron.6.11	Practical Crop Production-II (Rabi Crops)	0+1	1
		TOTAL	12+9	21

Agril. Chemistry and Soil Science

No.	Course No.	Title of course	Credit	Total
1	Ag.Chem.1.1	Fundamental of Soil Science	2+1	3
2	Ag.Chem.2.2	Manures, Fertilizers and Soil Fertility Management	2+1	3
3	Ag.Chem.3.3	Problematic Soils and their Management	2+1	3
		TOTAL	6+9	9

Agril. Economics

No.	Course No.	Title of course	Credit	Total
1	Ag.Econ.2.1	Fundamentals of Agricultural Economics	2+0	2
2	Ag.Econ.3.2	Agricultural Finance and Co-operation	2+1	3
3	Ag.Econ.4.3	Agricultural Marketing, Trade and Prices	2+1	3
4	Ag.Econ.6.4	Farm Management, Production and Resource Economics	2+1	3
		TOTAL	8+3	11

Agril. Engineering

No.	Course No.	Title of course	Credit	Total
1	Ag.Engg.2.1	Introductory Soil and Water Conservation Engineering	1+1	2
2	Ag.Engg.3.2	Farm Machinery and Power	1+1	2
3	Ag.Engg.4.3	Renewable Energy and Green Technology	1+1	2
4	Ag.Engg.5.4	Protected Cultivation and Secondary Agriculture	1+1	2
		TOTAL	4+4	8

Agril. Entomology

No.	Course No.	Title of course	Credit	Total
1	Ag.Ento.3.1	Fundamentals of Entomology	2+1	3
2	Ag.Ento.4.2	Principles of Integrated Pest Management	1+1	2
3	Ag.Ento.4.3	Management of Beneficial Insects	1+1	2
4	Ag.Ento.5.4	Pest of Crops Stored Grains and their Management	1+1	2
5	Ag.Ento.6.5	Pests of Horticultural Crops and their Management	1+1	2
		TOTAL	6+5	11

Agril. Extension

No.	Course No.	Title of course	Credit	Total
1	Ag.Ext.3.1	Fundamentals of Agricultural Extension Education	2+1	3
2	Ag.Ext.4.2	Rural Sociology and Educational Psychology	2+0	2
3	Ag.Ext.5.3	Communication Skills and Personality Development	1+1	2
4	Ag.Ext.6.4	Entrepreneurship Studies and Business Communication	1+1	2
		TOTAL	6+3	9

Agril. Statistics

No.	Course No.	Title of course	Credit	Total
1	Ag.Stat.1.1	Agricultural Informatics	2+1	3
2	Ag.Stat.2.2	Statistical Methods	2+1	3
		TOTAL	4+2	6

Bio-chemistry / Bio-technology

No.	Course No.	Title of course	Credit	Total
1	Biochem.2.1	Fundamentals of Plant Biochemistry	2+1	3
2	Biotech.5.1	Introductory Biotechnology	1+1	2
		TOTAL	3+2	5

Genetics and Plant Breeding

No.	Course No.	Title of course	Credit	Total
1	GPB.1.1	Introductory Biology	1+1	2
2	GPB.2.2	Fundamentals of Genetics	2+1	3
3	GPB.3.3	Fundamentals of Plant Breeding	2+1	3
4	GPB.4.4	Principles of Seed Technology	2+1	3
5	GPB.4.5	Intellectual Property Rights	1+0	1
6	GPB.5.6	Crop Improvement-I (Kharif Crops)	1+1	2
7	GPB.6.7	Crop Improvement –II (Rabi Crops)	1+1	2
		TOTAL	10+6	16

Horticulture

No.	Course No.	Title of course	Credit	Total
1	Hort.1.1	Fundamentals of Horticulture	1+1	2
2	Hort.2.2	Production Technology for Fruit and Plantation Crops	1+1	2
3	Hort.3.3	Production Technology for Vegetables and Spices	1+1	2
4	Hort.4.4	Production Technology for Ornamental Crops, MAP and Landscaping	1+1	2
5	Hort.5.5	Landscaping	2+1	3
6	Hort.6.6	Post-harvest Management and Value Addition of Fruits and Vegetables	1+1	2
		TOTAL	7+6	13

Plant Pathology

No.	Course No.	Title of course	Credit	Total
1	Pl.Path.1.1	Fundamentals of Plant Pathology	2+1	3
2	Pl.Path.2.2	Introductory Plant Nematology	1+1	2
3	Pl.Path.4.3	Principles of Integrated Disease Management	1+1	2
4	Pl.Path.5.4	Diseases of Field and Horticultural Crops and Their Management-I	2+1	3
5	Pl.Path.6.5	Disease of Field and Horticultural Crops and their Management-II	2+1	3
		TOTAL	8+5	13

Basic Science

No.	Course No.	Title of course	Credit	Total
1	Ag.Micro.1.1	Agricultural Microbiology	1+1	2
2	Pl.Phy.3.1	Fundamentals of Crop Physiology	2+1	3
3	Env.5.1	Environmental studies and Disaster Management	2+1	3
4	Ag.Micro.6.2	Bio-pesticides & Bio-fertilizers	2+1	3
		TOTAL	7+4	11

Other Allied Courses

No.	Course No.	Title of course	Credit	Total
1	Eng.1.1	Comprehension and Communication Skills in English	1+1	2
2	Maths.1.1	Elementary Mathematics	2+0	2
3	Ag.Met.1.1	Introductory Agro meteorology & Climate Change	1+1	2
4	LPM.5.1	Ruminant Production and Management	2+1	3
5	LPM.6.2	Poultry Production and Management	1+1	2
		TOTAL	7+4	11

Non-Gradial Courses

No.	Course No.	Title of course	Credit	Total
1	PE.2.1	NSS/NCC/Physical Education & Yoga Practices	0+1	1
2	HVE.2.1	Human Value & Ethics	1+0	1
3	PE.4.2	NSS/NCC/Physical Education & Yoga Practices	0+1	1
4	ET 7.1	Educational Tour	0+2	2
		TOTAL	1+4	5