

SEMESTER-WISE DISTRIBUTION OF COURSES: -

B. Sc. (H) Agriculture (5th Dean+ CBCS) 1st YEAR, SEMESTER-I

S. No.	Subject Code	Name of the subject	Credit Hours
1.	HOR-111	Fundamentals of Horticulture	2 (1+1)
2.	ABC-111	Fundamentals of Plant Biochemistry and Biotechnology	3 (2+1)
3.	SAC-111	Fundamentals of Soil Science	3 (2+1)
4.	AFT-111	Introduction to Forestry	2 (1+1)
5.	AGR-111	Fundamentals of Agronomy	4 (3+1)
6.	UGR-112	Introductory Biology*	2 (1+1)
	UGR-113	Elementary Mathematics*	2 (2+0)*
7.	UGR-111	Agricultural Heritage*	1 (1+0)*
8.	AEX-112	Rural Sociology & Educational Psychology	2 (2+0)
9.	AEX-113	Human Values & Ethics (Non-Gradial)	1 (1+0)**
10.	NSS-111	NSS	2 (0+2)**
	NCC-111	NCC	
11.	AEX-111	Comprehension & Communication Skills in English	2 (1+1) ***
		Total	24
Note: L – Lecture, Mid – Mid Term Examination, F (Ex.) – Final External Examination, Assign. – Assignment			

B. Sc. (H) Agriculture (5th Dean+ CBCS) 1st YEAR, SEMESTER-II

S. No.	Subject Code	Name of the subject	Credit Hours
--------	--------------	---------------------	--------------

1.	GPB-121	Fundamentals of Genetics	3 (2+1)
2.	SAC-121	Agricultural Microbiology	2 (1+1)
3.	AEG-121	Soil and Water Conservation Engineering	2 (1+1)
4.	PPY-121	Fundamentals of Crop Physiology	2 (1+1)
5.	AES-121	Fundamentals of Agricultural Economics	2 (2+0)
6.	PPT-121	Fundamentals of Plant Pathology	4 (3+1)
7.	ENT-121	Fundamentals of Entomology	4 (3+1)
8.	AEX-121	Fundamentals of Agricultural Extension Education	3 (2+1)
9.	EVS-121***	Environmental Studies and Disaster Management	3 (2+1)
		Total	25

Note: L – Lecture, P – Practical, Mid – Mid Term Examination, F(Ex.) – Final External Examination, Assign. – Assignment

Examination

- Remedial courses – *
- Non-gradual courses – **
- AECC (Ability Enhancement Compulsory Courses)- ***

B. Sc. (H) Agriculture (5th Dean+ CBCS) 2nd YEAR, SEMESTER-III

S. No.	Subject Code	Name of the subject	Credit Hours
1.	AGR-211	Crop Production Technology – I	2 (1+1)

		<i>(Kharif Crops)</i>	
2.	GPB-211	Fundamentals of Plant Breeding	3 (2+1)
3.	AES-211	Agricultural Finance and Cooperation	3 (2+1)
4.	AES-212***	Agri- Informatics	2 (1+1)
5.	AEG-211	Farm Machinery and Power	2 (1+1)
6.	HOR-211	Production Technology for Vegetables and Spices	2 (1+1)
7.	AEX-211***	Communication Skills and Personality Development	2 (1+1)
8.	AES-213	Statistical Methods	2 (1+1)
9.	AHD-211	Livestock and Poultry Management	4 (3+1)
		Total	22

B. Sc. (H) Agriculture (5th Dean+ CBCS) 2nd YEAR, SEMESTER-IV

S. No.	Subject Code	Name of the subject	Credit Hours
1.	AGR-221	Crop Production Technology –II (<i>Rabi Crops</i>)	2 (1+1)
2.	HOR-221	Production Technology for Ornamental Crops, MAP and Landscaping	2 (1+1)
3.	AGR-222	Renewable Energy and Green Technology	2 (1+1)
4.	SAC-221	Problematic Soils and their Management	2 (2+0)
5.	HOR-222	Production Technology for Fruit and Plantation Crops	2 (1+1)

6.	SST-221	Principles of Seed Technology	3 (1+2)
7.	AGR-223	Farming System & Sustainable Agriculture	1 (1+0)
8.	AES-221	Agricultural Marketing Trade & Prices	3 (2+1)
9.	AGR-224	Introductory Agro-meteorology & Climate Change	2 (1+1)
10.	UGE-221	Agribusiness Management	3 (2+1)
11.	UGE-222	Agrochemicals	3 (2+1)
12.	UGE-223	Commercial Plant Breeding	3 (1+2)
13.	UGE-224	Landscaping	3 (2+1)
		Total	22
		MOOCs	2-4

B. Sc. (H) Agriculture (5th Dean+ CBCS) 3rd YEAR, SEMESTER-V

S. No.	Subject Code	Name of the subject	Credit Hours
1.	PPT-311	Principles of Integrated Pest and Disease Management	3 (2+1)
2.	SAC-311	Manures, Fertilizers and Soil Fertility Management	3 (2+1)
3.	ENT-311	Pests of Crops and Stored	3 (2+1)

		Grain and their Management	
4.	PPT-312	Diseases of Field and Horticultural Crops and their Management -I	3 (2+1)
5.	GPB-311	Crop Improvement-I (<i>Kharif Crops</i>)	2 (1+1)
6.	AEX-311	Entrepreneurship Development and Business Communication	2 (1+1)
7.	AGR-311	Geoinformatics and Nano-technology and Precision Farming	2 (1+1)
8.	AGR-312***	Practical Crop Production – I (<i>Kharif</i> crops)	2 (0+2)
9.	GPB-312	Intellectual Property Rights	1(1+0)
10.	UGE-311	Food Safety and Standards	3(2+1)
11.	UGE312	Bio-pesticides & Bio-fertilizers	3(2+1)
12.	UGE-313	Protected Cultivation	3(2+1)
13.	UGE-314	Micro propagation Technologies	3(1+2)
		Total	24
		MOOCs	2-4

B. Sc. (H) Agriculture (5th Dean+ CBCS) 3rd YEAR, SEMESTER-VI

S. No.	Subject Code	Name of the subject	Credit Hours
1.	AGR-321	Rainfed Agriculture & Watershed Management	2 (1+1)
2.	AEG-321	Protected Cultivation and Secondary Agriculture	2 (1+1)
3.	PPT-321	Diseases of Field and Horticultural Crops and their Management-II	3 (2+1)

4.	HOR-321	Post-harvest Management and Value Addition of Fruits and Vegetables	2 (1+1)
5.	ENT-321	Management of Beneficial Insects	2 (1+1)
6.	GPB-321	Crop Improvement-II (<i>Rabi crops</i>)	2 (1+1)
7.	AGR-322***	Practical Crop Production –II (<i>Rabi crops</i>)	2 (0+2)
8.	AGR-323	Principles of Organic Farming	2 (1+1)
9.	AES-321	Farm Management, Production & Resource Economics	2 (1+1)
10.	AHD-321	Principles of Food Science and Nutrition	2(2+0)
11.	UGE-321	Hi-tech. Horticulture	3(2+1)
12.	UGE-322	Weed Management	3(2+1)
13.	UGE-323	System Simulation and Agro-advisory	3(2+1)
14.	UGE-324	Agricultural Journalism	3(2+1)
		Total	24
		MOOCs	3

B. Sc. (H) Agriculture (5th Dean+ CBCS) 4th YEAR, SEMESTER-VII

S. No.	Subject Code	Name of the subject	Credit Hours
1.	READY- 411	RAWE Component-I	14 (0+14)
2.	READY- 412	RAWE Component-II	6 (0+6)
		Total	20

B. Sc. Agriculture (5th Dean+ CBCS) 4th YEAR, SEMESTER-VIII

S. No.	Subject Code	Name of the subject	Credit Hours
1.	ELP- 421	Experiential Learning Program Modules for Skill Development and Entrepreneurship	20 (0+20)
		Total	20

Note: L – Lecture, P – Practical, Mid – Mid Term Examination, F(Ex.) – Final External Examination

Assign. – Assignment

Examination

- Remedial courses – *
- Non-Gradial courses – **
- SEC (Skill Enhancement Courses)-***
- Elective courses-UGE Code related courses (Choice Based)
- From the total 12 elective courses (IV, V & VI Semester) any 3 should be chose by students to complete their degree.