



SANSKRITI UNIVERSITY
MATHURA, UTTAR PRADESH
B.Sc. (Hons.) Agriculture

Semester-I						
S. No.	Course Code	Course Name	L	T	P	C
1	BSA 101	Fundamentals of Horticulture and Agricultural Heritage	1	0	2	2
2	BSA 103	Fundamentals of Plant Biochemistry and Biotechnology	2	0	2	3
3	BSA 105	Fundamentals of Soil Science	2	0	2	3
4	BSA 107	Introduction to Forestry	1	0	2	2
5	BLL 151	Life Skill (Communication Skills)	0	0	4	2
6	BSA 109	Fundamentals of Agronomy	3	0	2	4
7	BSA 111/ BSA 113	Introductory Biology*/Elementary Mathematics*	2	0	0	2
9	BSA 115	Rural Sociology & Educational Psychology	2	0	0	2
10	BSA 157	Agriculture Heritage	2	0	0	2
11	BSA 159	Human Values& Ethics (non gradial)	1	0	0	1
12	BSA 161	NSS/NCC/Physical Education & Yoga Practices	0	0	4	2
					TOTAL	25
Semester-II						
1	BSA 102	Fundamentals of Genetics	2	0	2	3
2	BSA 104	Agricultural Microbiology	1	0	2	2
3	BSA 106	Soil and Water Conservation Engineering	1	0	2	2
4	BSA 108	Fundamentals of Crop Physiology	1	0	2	2
5	BSA 110	Fundamentals of Agricultural Economics	2	0	0	2
6	BSA 112	Fundamentals of Plant Pathology	3	0	2	4
7	BSA 114	Fundamentals of Entomology	3	0	2	4
8	BSA 116	Fundamentals of Agricultural Extension Education	2	0	2	3
9	BSA 152	Life Skill (Soft Skills)	0	0	4	2
					TOTAL	24
Semester-III						
1	BSA 201	Crop Production Technology – I (<i>Kharif Crops</i>)	1	0	2	2
2	BSA 203	Fundamentals of Plant Breeding	2	0	2	3
3	BSA 205	Agricultural Finance and Cooperation	2	0	2	3
4	BSA 207	Agri- Informatics	1	0	2	2
5	BSA 209	Farm Machinery and Power	1	0	2	2
6	BSA 211	Production Technology for Vegetables and Spices	1	0	2	2
7	BSA 213	Environmental Studies and Disaster Management	2	0	2	3
8	BSA 215	Statistical Methods	2	0	2	3

9	BSA 217	Livestock and Poultry Management	3	0	2	4
					TOTAL	24

Semester-IV						
1	BSA 202	Crop Production Technology –II (<i>Rabi Crops</i>)	1	0	2	2
2	BSA 204	Production Technology for Ornamental Crops, MAP and Landscaping	1	0	2	2
3	BSA 206	Renewable Energy and Green Technology	1	0	2	2
4	BSA 208	Problematic Soils and their Management	2	0	0	2
5	BSA 210	Production Technology for Fruit and Plantation Crops	1	0	2	2
6	BSA 212	Principles of Seed Technology	1	0	4	3
7	BSA 214	Farming System & Sustainable Agriculture	1	0	0	1
8	BSA 216	Agricultural Marketing Trade & Prices	2	0	2	3
9	BSA 218	Introductory Agro-meteorology & Climate Change	1	0	2	2
10		Elective Course	2	0	2	3
					TOTAL	22
Semester-V						
1	BSA 301	Principles of Integrated Pest and Disease Management	2	0	2	3
2	BSA 303	Manures, Fertilizers and Soil Fertility Management	2	0	2	3
3	BSA 305	Pests of Crops and Stored Grain and their Management	2	0	2	3
4	BSA 307	Diseases of Field and Horticultural Crops and their Management -I	2	0	2	3
5	BSA 309	Crop Improvement-I (<i>Kharif Crops</i>)	1	0	2	2
6	BSA 311	Entrepreneurship Development and Business Communication	1	0	2	2
7	BSA 313	Geoinformatics and Nano-technology and Precision Farming	1	0	2	2
8	BSA 351	Practical Crop Production – I (<i>Kharif crops</i>)	0	0	4	2
9	BSA 315	Intellectual Property Rights	1	0	0	1
10		Elective Course	2	0	2	3
					TOTAL	24
Semester-VI						
1	BSA 302	Rainfed Agriculture & Watershed Management	1	0	2	2
2	BSA 304	Protected Cultivation and Secondary Agriculture	1	0	2	2
3	BSA 306	Diseases of Field and Horticultural Crops and their Management-II	2	0	2	3
4	BSA 308	Post-harvest Management and Value Addition of Fruits and Vegetables	1	0	2	2
5	BSA 310	Management of Beneficial Insects	1	0	2	2
6	BSA 312	Crop Improvement-II (<i>Rabi crops</i>)	1	0	2	2
7	BSA 314	Practical Crop Production –II (<i>Rabi crops</i>)	0	0	4	2
8	BSA 316	Principles of Organic Farming	1	0	2	2
9	BSA 318	Farm Management, Production & Resource Economics	1	0	2	2
10	BSA 320	Principles of Food Science and Nutrition	2	0	0	2
11		Elective Course	2	0	2	3
					TOTAL	24
VII Semester						

Rural Agricultural Work Experience and Agro-industrial Attachment (RAWE &AIA)						
		Activities				
1		General orientation & On campus training by different faculties	14			
2		Village attachment				
		Unit attachment in Univ./ College. KVK/ Research Station Attachment				
3		Plant clinic	2			
		Agro-Industrial Attachment	4			
4		Project Report Preparation, Presentation and Evaluation				
		Total weeks for RAWE & AIA	20			

VIII Semester						
1	BSA 400	Experiential Learning Programme	0	0	40	20

Elective subjects (for IV,V,VI sem)						
1		Agribusiness Management	2	0	2	3
2		Agrochemicals	2	0	2	3
3		Commercial Plant Breeding	2	0	2	3
4		Landscaping	2	0	2	3
5		Food Safety and Standards	2	0	2	3
6		Biopesticides & Biofertilizers	2	0	2	3
7		Protected Cultivation	2	0	2	3
8		Micro propagation Technologies	2	0	2	3
9		Hi-tech. Horticulture	2	0	2	3
10		Weed Management	2	0	2	3
11		System Simulation and Agro-advisory	2	0	2	3
12		Agricultural Journalism	2	0	2	3