



Distribution of Courses & Credits for the Degree of  
B.Sc. (Hons.) Agriculture

1st Semester

Sl. No.	Course No.	Title of Course	Credit(s)
1	AG 101	Agriculture Heritage*	1(1+0)*
2	AGR 102	Fundamentals of Agronomy I	2(1+1)
3	ACSS 103	Fundamentals of Soil Science I	2(1+1)
4	AEN 104	Fundamentals of Agricultural Entomology I	3(2+1)
5	PPA 105	Fundamentals of Plant Pathology I	2(1+1)
6	ABC 106	Fundamentals of Plant Biochemistry	3(2+1)
7	HORT(A) 107	Fundamentals of Horticulture	2(1+1)
8	SWAG 108	Introduction to Forestry	2(1+1)
9	AEX 109	Rural Sociology and Educational Psychology	2(2+0)
10	ENG 110	Comprehension and Communication Skills in English	2(1+1)
11	AST 111	Elementary Mathematics*	1(1+0)*
12	NSS 112	NSS/NCC/Physical Education and Yoga Practices	1(0+1)**
		<b>Total</b>	<b>20+2*+1**</b>

\*R (Remedial Course), \*\*NC (Non-Gradual Course)



2nd Semester

Sl. No.	Course No.	Title of Course	Credit(s)
1	AGR 151	Fundamentals of Agronomy II	2(1+1)
2	AGR 152	Crop Production Technology I (Rabi crops)	2(1+1)
3	ACSS 153	Fundamentals of Soil Science II	2(1+1)
4	AEN 154	Fundamentals of Agricultural Entomology II	2(1+1)
5	PPA 155	Fundamentals of Plant Pathology II	2(2+0)
6	GPB 156	Fundamentals of Genetics	3(2+1)
7	PPH 157	Fundamentals of Crop Physiology	2(1+1)
8	AEC 158	Fundamentals of Agricultural Economics	2(2+0)
9	AEX 159	Fundamentals of Agricultural Extension Education	3(2+1)
10	SWC 160	Soil and Water Conservation	2(1+1)
11	ASC 161	Livestock and Poultry Management	3(2+1)
12	ET 162	Educational Tour	1(0+1)**
		<b>Total</b>	<b>25+1**</b>

\*\*NC (Non-Gradual Course) preferably during summer vacation



### 3rd Semester

Sl. No.	Course No.	Title of Course	Credit(s)
1	AGR 201	Crop Production Technology II (Kharif crops)	2(1+1)
2	GPB 202	Fundamentals of Plant Breeding	3(2+1)
3	ACGP 203	Agricultural Microbiology	2(1+1)
4	AEN 204	Pests of Crops and Storage and their Management	3(2+1)
5	PPA 205	Diseases of Field and Horticultural Crops and their Management I	2(1+1)
6	AEC 206	Agricultural Finance and Co-operation	3(2+1)
7	AEX 207	Communication Skills and Personality Development	2(1+1)
8	ACH 208	Crop Protection Chemicals and their applications	2(1+1)
9	HORT(A) 209	Production Technology for Vegetables and Spices	2(1+1)
10	AEG(A) 210	Farm Machinery and Power	2(1+1)
11	HVE 211	Human Values and Ethics	1(1+0)**
<b>Total</b>			<b>23+1**</b>

\*\*NC (Non-Gradual Course)

### 4th Semester

Sl. No.	Course No.	Title of Course	Credit(s)
1	AGR 251	Crop Production Technology III (Rabi crops)	2(1+1)
2	AMP 252	Agro-meteorology and Climate Change	2(1+1)
3	SST 253	Principles of Seed Technology	3(2+1)
4	GPB 254	Crop Improvement I (Rabi crops)	2(1+1)
5	ACSS 255	Manures, fertilizers and Soil Fertility Management	3(2+1)
6	PPA 256	Diseases of Field and Horticultural Crops and their Management II	2(1+1)
7	AEC 257	Agricultural Marketing, Trade and Prices	3(2+1)
8	AST 258	Elementary Statistics	3(2+1)
9	HORT(A) 259	Production Technology of Fruit and Plantation Crops	2(1+1)
10	EC 260-266	Elective Course (see page nos. 4-5)	3*(2+1)
<b>Total</b>			<b>22+3*</b>



5th Semester

Sl. No.	Course No.	Title of Course	Credit(s)
1	AGR 301	Crop Production Technology IV (Kharif crops)	2(1+1)
2	AGR 302	Rainfed Agriculture and Watershed Management	2(1+1)
3	GPB 303	Crop Improvement II (Kharif crops)	2(1+1)
4	ABT 304	Principles and Practices of Agricultural Bio-Technology	2(1+1)
5	ACSS 305	Problematic Soils and their Management	2(1+1)
6	AEPP 306	Principles of Integrated Pest and Disease Management	3(2+1)
7	AEC 307	Farm Management, Production and Resource Economics	2(1+1)
8	AEX 308	Entrepreneurship Development and Business Communication	2(1+1)
9	HORT(A) 309	Production Technology of Ornamental Crops, MAP and Landscaping	2(1+1)
10	MPHR 310	Protected Cultivation and Secondary Agriculture	2(1+1)
11	EC 311-318	Elective Course (see page nos. 4-5)	3*(2+1)
<b>Total</b>			<b>21+3*</b>

6th Semester

Sl. No.	Course No.	Title of Course	Credit(s)
1	AGR 351	Principles of Organic Farming	2(1+1)
2	AGR 352	Farming System and Sustainable Agriculture	2(1+1)
3	GPB 353	Intellectual Property Rights	1(1+0)
4	AEN 354	Management of Beneficial Insects	2(1+1)
5	AGMP 355	Geo-informatics and Nanotechnology for Precision Farming	2(1+1)
6	AST 356	Computer Applications and Agriculture Informatics	2(1+1)
7	HORT(A) 357	Post-harvest Management and Value-addition of Fruits and Vegetables	2(1+1)
8	AEG(A) 358	Renewable Energy and Green Technology	2(1+1)
9	FSN 359	Principles of Food Science and Nutrition	2(2+0)
10	ES 360	Environmental Studies and Disaster Management	2(1+1)
11	EC 361-368	Elective Course (see page nos. 4-5)	3*(2+1)
<b>Total</b>			<b>19+3*</b>

**Rural Agricultural Work Experience &  
Agro Industrial Attachment (RAWE&AIA)**

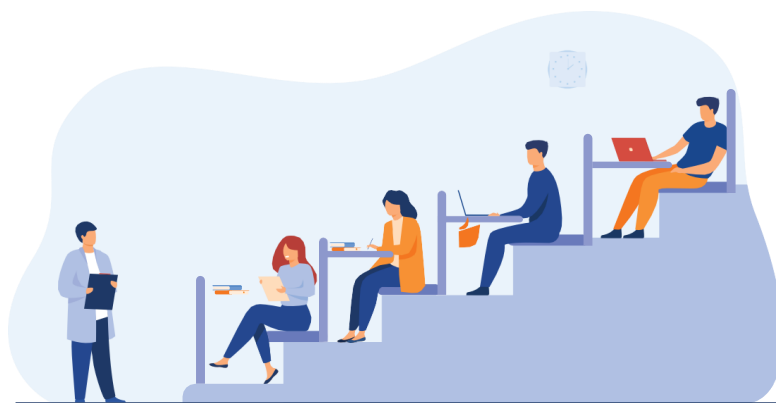
7th Semester

Sl. No.	Course No.	Title of Course	Credit(s)
1	RAW&AIA 401	Rural Agricultural Work Experience and Agro Industrial Attachment	20(0+20)
<b>Total</b>			<b>20(0+20)</b>

**Experiential Learning Programme (ELP)**

8th Semester

Sl. No.	Course No.	Title of Course	Credit(s)
1	ELP 451	Production of Bio-agents and Botanical pesticides	10(0+10)
2	ELP 452	Commercial Seed Production	10(0+10)
3	ELP 453	Mushroom Cultivation	10(0+10)
4	ELP 454	Soil, Plant and Water Testing	10(0+10)
5	ELP 455	Commercial Beekeeping	10(0+10)
6	ELP 456	Organic Production	10(0+10)
7	ELP 457	Commercial Sericulture	10(0+10)
8	ELP 458	Plant Tissue Culture	10(0+10)
<b>Total</b>			<b>20(0+20)</b>





## Semester-wise Credit Loads

Sl. No.	Semester	Credits
1	1st Semester	$20+2^*+1^{**}= 23$
2	2nd Semester	$25+1^{**}= 26$
3	3rd Semester	$23+1^{**} = 24$
4	4th Semester	$22+3 = 25$
5	5th Semester	$21+3 = 24$
6	6th Semester	$19+3 = 22$
7	7th Semester	20
8	8th Semester	20
	Total	184

**Note:**

Core Courses = 135 credits,  
Elective Courses = 9 credits,  
RAWE & AIA = 20 credits and  
ELP = 20 credits