




Bangladesh Open University

 SARD SCHOOL OF AGRICULTURE AND RURAL DEVELOPMENT কৃষি ও পল্লী উন্নয়ন অনুষ্ঠান	School of Agriculture and Rural Development (SARD)
	Bachelor of Science in Agriculture (B.Sc.Ag.)

Course Layout and Credit hours for Bachelor of Science in Agriculture (B.Sc.Ag.)

Academic year	Semester	No. of Course	Credit hrs.
1	1	5	22
	2	5	20
2	3	5	23
	4	6	24
3	5	6	26
	6	5	21
4	7	5	23
	8	5	21
Total	8	42	180


Semester-wise courses and credits

Semester:1			
Sl.	Course title	Course Code	Credit hrs.
1	Fundamentals of Agronomy (Theory & Practical)	BSA 1401	4 (2 T+2 P)
2	Introductory Soil Science (Theory & Practical)	BSA 1502	5 (3 T+2 P)
3	Fundamentals of Horticulture (Theory & Practical)	BSA 1503	5 (3 T+2 P)
4	Agricultural Engineering (Theory & Practical)	BSA 1404	4 (2 T+2 P)
5	Aquaculture and Management (Theory & Practical)	BSA 1405	4 (2 T+2 P)
Total Cr. hrs.			22

Semester:2			
Sl.	Course title	Course Code	Credit hrs.
1	Seed Science and Technology (Theory & Practical)	BSA 2401	4 (2 T+2 P)
2	Olericulture and Spices (Theory & Practical)	BSA 2502	5 (3 T+2 P)
3	Chemistry (Theory & Practical)	BSA 2503	5 (3 T+2 P)
4	Animal Production (Theory & Practical)	BSA 2404	4 (2 T+2 P)



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5	Rural Sociology (Theory)	BSA 2205	2 (2 T+ 0 P)
Total Cr.hrs.			20


Semester:3			
Sl.	Course title	Course Code	Credit hrs.
1	Weed Science (Theory & Practical)	BSA 3401	4 (2 T+2 P)
2	Soil Survey, Classification & Conservation (Theory & Practical)	BSA 3402	4 (2 T+2 P)
3	Pomology (Theory & Practical)	BSA 3503	5 (3 T+2 P)
4	Plant Taxonomy, Morphology, Anatomy & Embryology (Theory & Practical)	BSA 3504	5 (3 T+2 P)
5	Biochemistry (Theory & Practical)	BSA 3505	5 (3 T+2 P)
Total Cr.hrs.			23

Semester:4			
Sl.	Course title	Course Code	Credit hrs.
1	Fundamentals of Entomology (Theory & Practical)	BSA 4501	5 (3 T+2 P)
2	Fundamentals of Plant Pathology (Theory & Practical)	BSA 4402	4 (2 T+2 P)
3	Cytology (Theory & Practical)	BSA 4403	4 (2 T+2 P)
4	Fundamentals of Extension, Leadership and Motivation (Theory & Practical)	BSA 4504	5 (3 T+2 P)
5	Nuclear and Agro-industrial chemistry (Theory & Practical)	BSA 4405	4 (2 T+2 P)
6	Agricultural Economics (Theory)	BSA 4206	2 (2 T+0 P)
Total Cr.hrs.			24

Semester:5			
Sl.	Course title	Course Code	Credit hrs.
1	Ornamental, Plantation and Landscape Horticulture (Theory & Practical)	BSA 5501	5 (3 T+2 P)
2	Systematic Entomology & Insect Ecology (Theory & Practical)	BSA 5402	4 (2 T+2 P)
3	Genetics and Cytogenetics (Theory & Practical)	BSA 5503	5 (3 T+2 P)



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4	Principles of Agro-forestry (Theory & Practical)	BSA 5404	4 (2 T+2 P)
5	Plant Nutrition, Pesticides & Environmental Chemistry (Theory & Practical)	BSA 5405	4 (2 T+2 P)
6	Agricultural Statistics (Theory & Practical)	BSA 5406	4 (2 T+2 P)
Total Cr.hrs.			26

Semester:6			
Sl.	Course title	Course Code	Credit hrs.
1	Crop Husbandry (Theory & Practical)	BSA 6401	4 (2 T+2 P)
2	Soil Physics and Soil Chemistry (Theory & Practical)	BSA 6402	4 (2 T+2 P)
3	Insecticide Toxicology (Theory & Practical)	BSA 6503	5 (3 T+2 P)
4	Principles of Plant Pathology & Diseases of field crops (Theory & Practical)	BSA 6404	4 (2 T+2 P)
5	Plant Physiology (Theory & Practical)	BSA 6405	4 (2 T+2 P)
Total Cr.hrs.			21

Semester:7			
Sl.	Course title	Course Code	Credit hrs.
1	Economic Entomology & Pest Management (Theory & Practical)	BSA 7501	5 (3 T+2 P)
2	Diseases of Fruits, Vegetables, Cash crops, Agro forest trees & seed Pathology (Theory & Practical)	BSA 7502	5 (3 T+2 P)
3	Plant Ecology (Theory & Practical)	BSA 7403	4 (2 T+2 P)
4	Extension communication, Group approaches and Organization management (Theory & Practical)	BSA 7504	5 (3 T+2 P)
5	Biotechnology (Theory & Practical)	BSA 7405	4 (2 T+2 P)
Total Cr.hrs.			23



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Semester:8			
Sl.	Course title	Course Code	Credit hrs.
1	Crop Production and Farm Management (Theory & Practical)	BSA 8501	5 (3 T+2 P)
2	Soil Microbiology & Soil Fertility (Theory & Practical)	BSA 8402	4 (2 T+2 P)
3	Post Harvest Management & Processing of Horticultural Crops (Theory & Practical)	BSA 8403	4 (2 T+2 P)
4	Plant Breeding (Theory & Practical)	BSA 8404	4 (2 T+2 P)
5	Environmental Science (Theory & Practical)	BSA 8405	4 (2 T+2 P)
Total Cr.hrs.			21

*T = Theory, *P = Practical

Any kind of information, please contact with:

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