

DR. BHIMRAO AMBEDKAR UNIVERSITY, AGRA

ORDINANCES

ACADEMIC REGULATIONS

Bachelor of Science in Agriculture [B.Sc. (Ag.)] Four Year Course

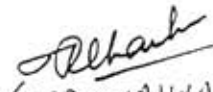
1. Every candidate for the B. Sc. (Ag.) degree shall be required to pass in the following main subjects according to the syllabi prescribed from time to time


1. Agronomy
2. Agriculture Engineering
3. Agriculture Economics
4. Animal Husbandary and Dairying
5. Agriculture Extension
6. Agriculture Botany/Plant Breeding & Genetics
7. Agriculture Chemistry and Soil Science
8. Horticulture
9. Agriculture Statistics and Mathematics
10. Agriculture Zoology and Entomology
11. Soil and Water Conservation
12. Plant Pathology

Following additional papers shall also be offered as compulsory to each candidate :

1. English
2. Physical Education

2. For eligibility to enter upon the B. Sc. (Ag.) courses, a candidate must have passed the Intermediate examination in Agriculture/Science (Biology/Mathematics) of the Madhyamik Shiksha Parishad, Uttar Pradesh or of any other Board recognized by the University as equivalent thereof. Admission to B. Sc. (Ag.) Semester I shall be made in the light of the rules and regulations laid out by the Admission Committee of University each year before commencing the academic session.


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The tenure of study for the degree of Bachelor of Science in Agriculture shall be spreading over four academic calendar years. and in each academic session (from July to June), there shall be two semesters, each ordinarily of 20 weeks with 80 instructional days excluding the examination days and semester break. An academic calendar giving specific dates for admission, registration, examination etc. may be decided and declared by the University before start of the session.

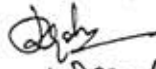
4. The examination shall be conducted by means of written papers, practicals, sessionals and project/field reports (in case of RAWF during the VII semester)
5. The candidates are required to pass separately in the theory practical or sessional work and in the evaluation of Project Report in case of RAWF (VII semester)
6. The candidates have the option of answering questions through medium of the Hindi (Dev nagari Script) or English.
7. A candidate who passes all the subjects as prescribed in the scheme of examination of each semester and has secured a minimum of 35 % marks in the aggregate will be declared to have passed and the division will be assigned as under :

I Division	: 60 per cent and above
II Division	: 45 per cent and above, but below 60 per cent
III Division	: 35 per cent and above, but below 45 per cent

The First, Third, Fifth and Seventh semesters will extend from July to December and the Second, Fourth, Sixth and Eighth semesters will extend from January to May of the session.

There shall be a period of 8 days as preparation leave preceding the examination and a short break at the end of the First, Third, Fifth and Seventh semester along with a summer vacation of 45 days at the end of the Second, Fourth, Sixth and Eighth semester examinations.


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Examinations in courses prescribed for the First, Third, Fifth and Seventh semesters will be conducted in November/December, whereas for the courses of Second, Fourth, Sixth and Eighth semesters, the examinations will be held in April/May.

A candidate who fails to pass in any subject theory and/or practical/sessional work/Project Report, is allowed to proceed to the next semester but he/she is required to clear the subject theories and/or practical/sessional work/Project Report in which he/she has failed subsequently along with the appropriate semester examination

Provided that no candidate of four year degree course shall be given more than three extra chances other than the original examination to clear the paper(s), practical(s) or sessional work/Project Report of a semester. The three extra chances include the chances availed by the candidate during the regular term of the course. In any case candidate fails to clear paper(s), practical(s) or sessional work/Project Report of any semester in three more consecutive attempts, he/she will be declared to have failed

A candidate who fails in any paper(s), practical(s) of I, II, III, IV, V, VI, VII and VIII semesters will be eligible to appear in such paper(s), practical(s) or sessional work privately as an ex-student/Repeater. Such facility of appearing as an ex-student/Repeater will be given only in case of candidates who have completed their courses of studies upto VIII semester.


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REGULATIONS

Scheme of Examinations

Bachelor of Science in Agriculture [B.Sc. (Ag.)] Four Year Course

Semester - I

S.No.	Department	Title of Paper	Theory		Practical		Sessional		Total	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	English	Structural & Spoken English	50	18	50	18	---	---	100	35
2	Agronomy	Principles of Crop Production	50	18	30	10	20	7	100	35
3	Ag. Chemistry & Soil Sc.	Fundamentals of Soil Science	50	18	30	10	20	7	100	35
4	Plant Breeding & Genetics	Elements of Genetics	50	18	30	10	20	7	100	35
5	Ag. Statistics & Maths.	Elementary Statistics and Applied Maths.	50	18	30	10	20	7	100	35
6	Soil Conservation	Agricultural Meteorology	50	18	30	10	20	7	100	35
7	Agriculture Extension	Rural Sociology and Educational Psychology	50	18	30	10	20	7	100	35
8	Horticulture	Fundamentals of Horticulture	50	18	30	10	20	7	100	35
9	Physical Education	Physical Education (only Practical)	---	---	50	18	---	---	50	18
									850	298

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Semester - II

S.No.	Department	Title of Paper	Theory		Practical		Sessional		Total	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	Ag. Engineering	Irrigation and Water Management	50	18	30	10	20	7	100	35
2	Ag. Extension	Fundamentals of Extension Education and Rural Development	50	18	30	10	20	7	100	35
3	Plant Breeding & Genetics	Elementary Crop Physiology	50	18	30	10	20	7	100	35
4	Ag. Zoology & Entomology	Introductory Entomology	50	18	30	10	20	7	100	35
5	Plant Pathology	Introductory Plant Pathology	50	18	30	10	20	7	100	35
6	Ag. Chemistry & Soil Sc.	Elementary Plant Biochemistry and Chemistry of Plant Products	50	18	30	10	20	7	100	35
7	Ag. Economics	Introduction to Agricultural and Natural Resource Economics and Farm Management.	50	18	30	10	20	7	100	35
									700	245

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Semester - III											
S.No.	Department	Title of Paper	Theory		Practical				Sessional		Total
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	
1	Agronomy	Cereals Millets and Pulse crops (Kharif Field Crops)	50	18	30	10	20	7	100	35	
2	Plant Breeding & Genetics	Principles of Plant Breeding	50	18	30	10	20	7	100	35	
3	Ag. Engineering	Farm Power and Machinery, Farm Structures, Power and Machinery	50	18	30	10	20	7	100	35	
4	Soil Conservation	Environmental Science and Agro-Ecology	50	18	30	10	20	7	100	35	
5	Ag. Economics	Agriculture Marketing, Export and Cooperation	50	18	30	10	20	7	100	35	
6	Horticulture	Vegetable Production	50	18	30	10	20	7	100	35	
7	Ag. Chemistry & Soil Sc.	Elementary Microbiology and Soil Microbiology	50	18	30	10	20	7	100	35	
8	Agronomy	Practicals, Crop Production	---	---	50	18	---	---	50	18	
									750	263	

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Semester - IV										
S.No.	Department	Title of Paper	Theory		Practical		Sessional		Total	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	Agronomy	Oil Seed Commercial Field Crops-II, Rabi Crops	50	18	30	10	20	7	100	35
2	Plant Breeding & Genetics	Breeding of Field Crops	50	18	30	10	20	7	100	35
3	Soil Conservation	Principles of Soil Physics and Soil Conservations & Soil Survey	50	18	30	10	20	7	100	35
4	A.H. & Dairying	Livestock Production and Management	50	18	30	10	20	7	100	35
5	Ag. Zoology & Entomology	Economic Entomology including Fishery	50	18	30	10	20	7	100	35
6	Horticulture	Fruit Production including Plantation Crops.	50	18	30	10	20	7	100	35
									600	210


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Semester - V

S.No.	Department	Title of Paper	Theory		Practical		Sessional		Total	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	Plant Breeding & Genetics	Introduction to Plant Biotechnology	50	18	30	10	20	7	100	35
2	A.H. & Dairying	Milk and Milk Processing	50	18	30	10	20	7	100	35
3	Horticulture	Preservation of Fruits and Vegetables Post Harvest Management of Fruits and Vegetables	50	18	30	10	20	7	100	35
4	A.J. Zoology & Entomology	Crop Pests and Integrated Pest Management.	50	18	30	10	20	7	100	35
5	Agronomy	Weed Management	50	18	30	10	20	7	100	35
6	Plant Pathology	Crop Diseases and Their Management.	50	18	30	10	20	7	100	35
7	Ag. Chemistry & Soil Sc.	Soil Fertility, Fertilizers and Integrated Nutrient Management	50	18	30	10	20	7	100	35
									700	245


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Semester - VI										
S.No.	Department	Title of Paper	Theory		Practical:Sessional			Total		
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	Plant Breeding & Genetics	Principles of Seed Production Technology, Oil seed and Commercial crops	50	18	30	10	20	7	100	35
2	A.H. & Dairying	Dairy Products Technology	50	18	30	10	20	7	100	35
3	Ag. Engineering	Post Harvest Engineering	50	18	30	10	20	7	100	35
4	Agronomy	Farming System and Sustainable Agriculture	50	18	30	10	20	7	100	35
5	Ag. Economics	Agriculture Finance, Business Management and Trade	50	18	30	10	20	7	100	35
6	Ag. Extension	Communication, Diffusion of Agriculture Innovation.	50	18	30	10	20	7	100	35
7	Plant Pathology	Plant Pathology : Mushroom Cultivation, Mushroom Culture and Elementary Plant Nematology.	---	---	50	18	---	---	50	18
8	Horticulture	Ornamental Horticulture	50	18	30	10	20	7	100	35
									750	263

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Semester - VII										
S.No.	Department	Title of Paper	Theory		Practical		Sessional		Total	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	Ag. Extension	Rural Agricultural Work experience in all departments related to field work (RAWE)	50	18	30	10	20	7	100	35
2	Ag. Economics		50	18	30	10	20	7	100	35
3	Plant Breeding & Genetics		---	---	50	18	---	---	50	18
4	Ag. Chemistry & Soil Sc.		---	---	50	18	---	---	50	18
5	A.H. & Dairying		---	---	50	18	---	---	50	18
6	Ag. Engineering		---	---	50	18	---	---	50	18
7	Horticulture		---	---	50	18	---	---	50	18
8	Soil Conservation		---	---	50	18	---	---	50	18
9	Agronomy		---	---	50	18	---	---	50	18
10	Plant Pathology		---	---	50	18	---	---	50	18
11	Ag. Zoology & Entomology		---	---	50	18	---	---	50	18
									650	232


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Semester - VIII										
S.No.	Department	Title of Paper	Theory		Practical		Sessional		Total	
			Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.
1	Agronomy	Dryland farming and Water shed Management	50	18	30	10	20	7	100	35
2	Soil Conservation	Silviculture and Agro-forestry	50	18	30	10	20	7	100	35
3	Horticulture	Production Technology of Medicinal and Aromatic Crops & Spieces	50	18	30	10	20	7	100	35
4	Ag. Chemistry & Soil Sc.	Management of Problem Soils and Water logged Soils.	50	18	30	10	20	7	100	35
5	A.H. & Dairying	Dairy Chemistry and Animal Nutrition.	50	18	30	10	20	7	100	35
6	Ag. Statistics & Maths.	Computer Applications	50	18	30	10	20	7	100	35
									600	210

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