

New and Restructured Curriculum & Syllabus
Implemented from Academic Session 2020-2021



M.Sc. Ag. (Agronomy)

Approved by:
Board of Studies –Agriculture
School of Agriculture & Allied Science

Hemvati Nandan Bahuguna Garhwal University
(A Central University)
Srinagar Garhwal, Uttarakhand (India) - 246174

www.hnbgu.ac.in

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Course Curriculum

Course Codes	COURSE TITLE	Total Marks	Sessional Marks	External Marks	Credits
Semester I			(I+ II)		
SOA/AGRON/C-501	Statistical Methods and Experimental Designs	100	40	60	3
SOA/AGRON/C-502	Principles of Crop Production	100	40	60	3
SOA/AGRON/C-503	Principles and Practices of Weed Management	100	40	60	3
SOA/AGRON/C-504	Principles and Practices of Organic Farming	100	40	60	2
SOA/AGRON/C-505	Agronomy of Cereals Crops	100	40	60	2
SOA/AGRON/C-506	Lab course-I	100	40	60	5
Total		600	240	360	18
Semester II					
SOA/AGRON/C-507	Crop Ecology and Agrometeorology	100	40	60	2
SOA/AGRON/C-508	Cropping System and Sustainable Agriculture	100	40	60	2
SOA/AGRON/C-509	Advances in Soil fertility and Nutrient Management	100	40	60	3
SOA/AGRON/C-510	Agronomy of Pulses and oilseed Crops	100	40	60	3
SOA/AGRON/C-511	Agronomy of Medicinal and Aromatic Crops	100	40	60	3
SOA/AGRON/C-512	Lab course -II	100	40	60	5
Total		600	240	360	18
Semester III					
SOA/AGRON/C-513	Principles and Practices of Water Management	100	40	60	4
SOA/AGRON/C-514	Agronomy of Commercial Crops	100	40	60	3
In addition to SOA/AGRON/C & E520, students can choose any Three elective papers out of the following four electives.					
SOA/AGRON/C-515	Dry land Farming	100	40	60	2
SOA/AGRON/E-516	Management of Problem soils	100	40	60	2
SOA/AGRON/E-517	Farming Systems	100	40	60	2
SOA/AGRON/E-518	Post-Harvest Technology of Agricultural Crops	100	40	60	2
*SOA/AGRON/ C&E-519	Lab course-III	100	40	60	5
Total		700	240	360	18
**SOA/AGRON/SS-01	Self Study courses to be	100	40	60	3

	decided by concern department/ college and to be Evaluated by them. It is only a qualifying course.				
Semester-IV					
SOA/GPB/C-520 OR SOA/GPB/C-521	Thesis	100	40	60	8
	Project Based on seed production of Field Crops/ Vegetable Crops	100	40	60	8
SOA/GPB/C-522	Seminar	100	40	60	1
In addition to SOA/AGRON/E/527, students can choose any three elective papers out of the following Four electives					
SOA/AGRON/E-523	Seed Production Technology of Field Crops	100	40	60	2
SOA/AGRON/E-524	Soil Conservation and water shed Management	100	40	60	2
SOA/AGRON/E-525	Agronomy of Fodder and Pasture crops	100	40	60	2
SOA/AGRON/E-526	Environmental Studies and Disaster Management	100	40	60	2
SOA/AGRON/E-527	Lab course-IV	100	40	60	3
Total		600	240	360	18
Grand Total		2400	960	1440	72

SUMMARY OF CREDITS

Semester	Core Credits	Elective Credits	Total Credits
1st	18	--	18
2nd	18	--	18
3rd	09	09	18
4th	09	09	18
	54	18	72

SOA/GPB/ C&E-520*- Is a practical course combining of both core and elective courses in third semester.

****SOA/AGRON/SS-01-** Is a Self Study course and will be provided to the students by the concern Department/ College and after evaluation at the Department, theory and Sessional marks shall have to be submitted to the University.

The distribution of marks for the Thesis or Project based on Farmer field Survey will is as

below: Thesis or Project based on Farmer field Survey (External Evaluation)	60 Marks
Periodical presentation	20 Marks
Viva-Voce	20 Marks

Total- - - - - 100 Marks



Principal
Dolphin (P.G.) Institute Of
Bio-Medical & Natural Sciences
Manduwala, Dehra Dun