

Department of Agronomy
College of Agriculture
G.B. Pant University of Agriculture & Technology
Pantnagar-263145, Uttarakhand

Academics

Degree offered

- M.Sc. Ag. (Agronomy)
- Ph.D. (Agronomy)

Degree awarded (Till 2014)

M. Sc.	:	815
Ph. D.	:	265

Students annual intake

M. Sc.	:	20
Ph. D.	:	10

Course Offered

Under Graduate Courses

Semester I					
Sl. No.	Course No.	Name of the course	Credit hrs.	Section/medium	Instructor
1.	APS /A / H-102	Agriculture for Engineers	3(2-0-2)		Dr. A.K. Bhardwaj
2.	APA-101	Elementary Agriculture	3(2-0-3)	A	Drs. J.P. Singh and D.K. Shukla
				B	Drs. Anil Shukla and M.S. Negi
				C	Drs. K.S. Shekhar and Kranti Kumar
				Food Tech	Drs. Sumit Chaturvedi and P.C. Pandey
3.	APA-317	Irrigation Water Management	3(2-0-3)	A	Drs. V.P.S. Yadav and D.S. Pandey
				B	Drs. M.S. Pal and Subhash Chandra
				C	Drs. Kranti Kumar and Gurvinder Singh
4.	APA-319	Organic Farming	2(2-0-0)	A	Drs. D.K. Shukla and Chandra Bhushan
				B	Drs. Rajeew Kumar and Kewalanand
				C	Drs. Sunita T. Pandey and B.S. Mahapatra
				B. Tech (Biotech)	Drs. S.C. Saxena and D.K. Singh
5.	APA-321	Crop Production-I	3(2-0-3)	A	Drs. Rohitashav Singh and J.P. Singh
				B	Drs. Gurvinder Singh and V. Pratap Singh
				C	Drs. M.S. Negi and Dheer Singh
6.	APA-351	Practical Crop Production	2(0-0-6)		Drs. K.S. Shekhar, A.K. Bhardwaj, S.C. Saxena Naresh Malik and S.P. Singh
7.	AWP-101	Work Programme	1(0-0-3)		Dr. Kranti Kumar
8.	ARE-310	Rural Work Experience 1. Field visit 2. Plant clinic			1 Dr. Ram Ji Maurya, Dr.P.C. Pandey 1.Drs. Subhash Chandra(Water Management) 2 S.P. Singh (Weed Control) 3 V.C. Dhyni (Stress management)
9.	CFF-315	Rangeland and Management	3(2-0-3)		Drs. T.P. Singh and Kewalanand
Semester II					
Sl. No.	Course No.	Name of the course	Credit hrs.	Section/medium	Instructor
1.	APA-311	Principles of Agronomy	3(2-0-3)	A	Drs. Chandra Bhushan and D.K. Singh
				B	Drs. V.K. Singh and V.C. Dhyan
				C	Drs. P.C. Pandey and Rajeew Kumar
2.	APA-312	Weed Management	2(1-0-3)	A	Drs. Dheer Singh and S.P. Singh
				B	Drs. Rohitashav Singh and Tej Pratap
				C	Drs. Sunita T. Pandey & V. Pratap Singh
3.	APA-318	Rainfed Agriculture and Watershed Management	2(1-0-3)	A	Drs. Kranti Kumar and Subhash Chandra
				B	Drs. Anil Shukla and Amit Bhatnagar
				C	Drs. M.S. Negi and J.P. Singh
4.	APA-322	Crop Production – II	3(2-0-3)	A	Drs. Omvati Verma and Chandra Bhushan
				B	Drs. J.P. Singh and Vijay Pal Singh
				C	Drs. K.S. Shekhar and Gurvinder Singh
5.	APA-351	Practical Crop Production	2(0-0-6)		Drs. K.S. Shekhar, A.K. Bharadwaj, S.C. Saxena, Naresh Malik and S.P. Singh
6.	APA-355	Production Technology of Medicinal and Aromatic Plants	2(0-0-6)		Drs. Sunita T. Pandey and Kranti Kumar

Post Graduate Courses

Semester I					
Sl. No.	Course No.	Name of the course	Credit hrs.	Section/medium	Instructor
1.	APA-401	Elements of Crop Production	3(2-0-3)		Drs. Naresh Malik and Rohitashav Singh
2.	APA-501	Modern Concepts in Crop Production	4(3-0-3)		Drs. M.S. Pal and Amit Bhatnagar
3.	APA-503	Principles & Practices of Weed Management	3(2-0-3)		Drs. Tej Pratap Singh and V. Pratap Singh
4.	APA-505	Principles & Practices of Soil Fertility & Nutrient Management	4(3-0-3)		Drs. Amit Bhatnagar, V.K. Singh, B.S. Mahapatra
5.	APA-521	Agronomy of <i>Kharif</i> Crops	4(3-0-3)		Drs. Anil Shukla, Chandra Bhushan, P.C. Pandey, Amit Bhatnagar and M.S. Pal, S.C. Saxena
6.	APA/APH-531	Medicinal, Aromatic & Under Utilized Crops	3(2-0-3)		Dr. Sunita T. Pandey
7.	APA-600/788	Seminar/Doctoral Seminar I	1(1-0-0)		Drs. Virendra Pratap Singh, D.S.Pandey, Tej Pratap, Dheer Singh, Vijay Pal Singh, Rajeew Kumar and Anil Shukla
8.	APA-604	Advances in Crop Growth & Productivity	3(2-0-3)		Drs. D.K. Singh and M.S. Negi
9.	APA-615	Stress Crop Production	3(2-0-3)		Drs. Sumit Chaturvedi and V.C. Dhyani
10.	APA-616	Current Trends in Agronomy	3(3-0-0)		Drs. V.K. Singh and Sumit Chaturvedi
11.	APA-653	Precision Agronomy	3(2-0-3)		Drs. V.K. Singh and Rajeew Kumar
12.	AST-702	Seed Vigour	2(1-0-3)		Drs. Omvati Verma
13.	APA-703	Seed & Crop Physiology	4(3-0-3)		Drs. Omvati Verma and V.C. Dhyani
Semester II					
Sl. No.	Course No.	Name of the course	Credit hrs.	Section/medium	Instructor
1.	APA-402	Agrotechniques of Field Crops	3(2-0-3)		Drs. P.C. Pandey and Naresh Malik
2.	APA-504	Principles & Practices of Water Management	3(2-0-3)		Drs. Gurvinder Singh, Subhash Chandra, and D.S. Pandey
3.	APA-513	Principles & Practices of Organic Farming	3(2-0-3)		Drs B.S. Mahapatra and D.K. Singh
4.	APA-522	Agronomy of <i>Rabi</i> Crops	4(3-0-3)		Drs. Kewalanand, Rajeew Shukla, D.K.Shukla Dheer Singh and M.S. Negi
5.	APA-600	Master Seminar	1(0-0-1)		Drs. V.K. Singh, S.C. Saxena, Vijay Pal Singh, M.S. Negi, D.S. Pandey, Rohitashav Singh
6.	APA-788	Doctoral Seminar-I	1(0-0-1)		
7.	APA-789	Doctoral Seminar-II	1(0-0-1)		
8.	APA-603	Crop Production & System Modelling	3(2-0-3)		Drs. M.S. Pal and Sumit Chaturvedi
9.	APA-606	Advances in Weed Management	2(2-0-0)		Drs. S.P. Singh and V. Pratap Singh
10.	APA-608	Integrated Farming System & Sustainable Agriculture	2(2-0-0)		Drs. A.K. Bhardwaj and Sumit Chaturvedi, Rohitashav Singh
11.	APA-609	Agrostology & Agroforestry	3(2-0-3)		Drs S.K. Lavania. and M.S. Pal
12.	APA-610	Crop Ecology	2(1-0-3)		Drs. Omvati Verma and V.C. Dhyani
13.	APA-614	Soil Conservation & Watershed Management	3(2-0-3)		Drs. M.S. Pal D.K. Shukla and J.P. Singh
14.	APA-704	Mineral Nutrition of Crop Plants	3(2-0-3)		Drs. Anil Shukla , Amit Bhatnagar and B.S. Mahapatra