

PirMehr Ali Shah
Arid Agriculture University Rawalpindi
Department of Plant Breeding and Genetics

REVISED COURSE OFFERED FOR FALL SEMESTER 2023

Sr. No.	Course Code	Course Title	Credit Hours	Name of Faculty Member	
B. Sc. (Hons) 3 rd Semester					
1	PBG-401	Introductory Genetics	Sec A	2(1-2)	Dr. Fahad Masoud Wattoo
2			Sec B	2(1-2)	Dr. Rashid Mehmood
3			Sec C	2(1-2)	Dr. Mahmood ul Hassan
4			Sec D	2(1-2)	Dr. Talat Mahmood
6			Forestry	2(1-2)	Dr. Saad Imran Malik
B. Sc. (Hons) 5 th Semester					
7	PBG-501	Principles of Genetics	3(2-2)	Dr. Mahmood ul Hassan	
8	PBG-503	Breeding Field Crops	3(2-2)	Dr. Ghulam Shabbir	
9	PBG-505	Cytogenetics	3(2-2)	Dr. Rashid Mehmood	
10	PBG-507	Experimentation in Plant Breeding	3(2-2)	Dr. Fahad Masoud Wattoo	
11	PBG-509	Breeding cereal crops	3(2-2)	Mr. Muhammad Yasir	
12	PBG-511	Breeding for Crop Quality Traits	3(2-2)	Dr. Munir Ahmad	
B. Sc. (Hons) 7 th Semester					
13	PBG-601	Breeding Fibre Crops	3(2-2)	Mr. Zafar Ullah	
14	PBG-603	Breeding Pulse Crops	3(2-2)	Dr. Fahad Masoud Wattoo	
15	PBG-605	Breeding Vegetable and Fruit Crops	3(3-2)	Dr. Mahmood ul Hassan	
16	PBG-607	Fundamentals of Plant Biometry	3(2-2)	Dr. Talat Mahmood	
17	PBG-609	Modern Techniques in Plant Breeding	3(2-2)	Dr. Saad Imran Malik	

M. Sc (Hons.) Agriculture (PBG)				
Sr. No.	Course Code	Course Title	Credit Hours	Name of Faculty Member
Core Courses				
18	PBG-701	Principles of Plant Breeding	3(2-2)	Dr. Munir Ahmad
19	PBG-703	Molecular Plant Breeding	3(2-2)	Dr. Rashid Mehmood
20	PBG-713	Genetic Engineering in Plants	3(2-2)	Dr. Saad Imran Malik
21	PBG-719	Special Problem	1(1-0)	Respective faculty member
22	PBG-720	Seminar-I	1(1-0)	Dr. Ghulam Shabbir
Ph. D. Agriculture (PBG)				
23	PBG-705	Breeding and Genetics of Fodder Crops	3(2-2)	Dr. Mahmood ul Hassan
24	PBG-709	Cereal Genetics and Breeding (PhD)	3(2-2)	Dr. Talat Mehmood
25	PBG-720	Seminar-I	1(1-0)	Dr. Ghulam Shabbir
26	PBG-721	Development of Hybrids and Seed Production	3(2-2)	Dr. Talat Mehmood

Dean Agriculture:




(Prof. Dr. Zahid Akram)
Chairman

COURSE OFFERED FOR FALL SEMESTER 2023**B. Sc. (Hons) Major Seed Science and Technology****5thSemester**

Sr. No.	Course Code	Course Title	Credit Hours	Name of Faculty Member
26	SST-501	Physiology of Seed Development	3(2-2)	Dr. Fahad Masoud Wattoo & Dr. Rashid Mehmood
27	SST-503	Seed Production in Various Crops	4(3-2)	Mr. Muhammad Yasir
28	SST-505	Germplasm Resources of Field Crops	3(3-0)	Dr. Zahid Akram
29	PBG-501	Principles of Genetics	3(2-2)	Dr. Mahmood ul Hassan
30	AGR-505	Seed Production and Technology	3(2-2)	Dr. Ghulam Qadir
31	PBG-507	Experimentation in Plant Breeding	3(2-2)	Dr. Fahad Masoud Wattoo
32	HORT-507	Propagation and Nursery Management	3(1-4)	Nominated by Horticulture
33	HORT-511	Vegetable and Flower Seed Production	3(2-2)	Nominated by Horticulture

7thSemester

34	SST-601	Seed Storage	3(2-2)	Dr. Ghulam Shabbir
35	PBG-611	Fundamentals of Research & Scientific Writing	3(2-2)	Dr. Munir Ahmad
36	SST-603	Biological Potential of Various Crops	2(2-0)	Dr. Munir Ahmad
37	PP-601	Plant Disease Management	3(2-2)	Nominated by Plant Pathology
38	PP-605	Seed and Postharvest pathology	3(2-2)	Nominated by Plant Pathology
39	AEC-613	Seed Marketing and Logistics	3(3-0)	Nominated by Economics
40	PBG-610	Biosafety Measures in Crop Improvement	2(1-2)	Dr. Hafeez Iqbal Tabish
41	SST-605	Seed Production of Transgenic Crops	3(2-2)	Mr. Zafar Ullah


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TEACHING LOAD DURING FALL SEMESTER 2023

The requisite information is as under:

Sr. No.	Name of faculty member	Designation	Work Load	
			Morning	Evening
1	Dr. Zahid Akram	Professor (Chairman)	04 Credit hours	
2	Dr. Ghulam Shabbir	Associate Professor	06 Credit hours	
3	Dr. Mahmood ul Hassan	Associate Professor	11 Credit hours	
4	Dr. Talat Mahmood	Assistant Professor	11 Credit hours	
5	Dr. Saad I. Malik	Assistant Professor	10 Credit hours	
6	Dr. Munir Ahmad	Assistant Professor	12 Credit hours	
7	Dr. Rashid Mahmood	Assistant Professor	11 Credit hours	
8	Dr. Fahad Masood Wattoo	Assistant Professor	12 Credit hours	
9	Visiting		13 Credit hours	


(Prof. Dr. Zahid Akram)
Chairman

Dean Agriculture: