

Course Title with Credit Load
M.Sc. (Ag) in Genetics and Plant Breeding (GPB)

Course Code	Course Title	Credit Hours
GPB 501*	Principles of Genetics	3 (2+1)
GPB 502*	Principles of Plant Breeding	3 (2+1)
GPB 503*	Fundamentals of Quantitative Genetics	3 (2+1)
GPB 504	Varietal Development and Maintenance Breeding	2 (1+1)
GPB 505	Principles of Cytogenetics	3 (2+1)
GPB 506*	Molecular Breeding and Bioinformatics	3 (2+1)
GPB 507	Breeding for Quality and Special Traits	3 (2+1)
GPB 508	Mutagenesis and Mutation Breeding	3 (2+1)
GPB 509	Hybrid Breeding	3 (2+1)
GPB 510	Seed Production and Certification	2 (1+1)
GPB 511	Crop Breeding-I (<i>Kharif</i> Crops)	3 (2+1)
GPB 512	Crop Breeding-II (<i>Rabi</i> Crops)	3 (2+1)
GPB 513	Breeding Vegetable Crops	3 (2+1)
GPB 514	Breeding Fruit Crops	3 (2+1)
GPB 515	Breeding Ornamental Crops	3 (2+1)
GPB 516	Breeding for Stress Resistance and Climate Change	3 (2+1)
GPB 517	Germplasm Characterization and Evaluation	2 (1+1)
GPB 518	Genetic enhancement for PGR Utilization	2 (1+1)
	Major courses (Minimum 20 credits from above courses including *marked Courses)	20
	Minor courses	08
	Supporting courses	06
	Common compulsory courses	05
GPB 591	Master's Seminar	01
GPB 599	Thesis/ Research	30
Total Credits		70

*Compulsory Major Courses



Shri Vaishnav Vidyapeeth Vishwavidyalaya

Shri Vaishnav Institute of Agriculture, Indore

Post Graduate Degree Program M.Sc. (Ag.) Genetics and Plant Breeding

SEMESTER - I

SR.NO.	COURSE CODE	COURSE NAME	EVALUATION SCHEME								
			THEORY			PRACTICAL		Th(credit)	P (credit)	SUB TOTAL CREDITS	TOTAL MARKS
			End Sem University Exam	Mid Sem Test	Teachers Assessment*	End Sem University Exam	Teachers Assessment*				
1	GPB 501	PRINCIPLES OF GENETICS	50	30	0	15	5	2	1	3	100
2	GPB 502	PRINCIPLES OF PLANT BREEDING	50	30	0	15	5	2	1	3	100
3	GPB 503	FUNDAMENTALS OF QUANTITATIVE GENETICS	50	30	0	15	5	2	1	3	100
4	GPB 511	CROP BREEDING-I (<i>Kharif</i> Crops)	50	30	0	15	5	2	1	3	100
5	MBB 501	PRINCIPLES OF BIOTECHNOLOGY	50	40	10	00	00	3	0	3	100
6	STAT 511	EXPERIMENTAL DESIGNS	50	30	0	15	5	2	1	3	100
7	*PGS 501	LIBRARY AND INFORMATION SERVICES	0	0	0	60	40	0	1	1	NC
8	*PGS 502	TECHNICAL WRITING AND COMMUNICATIONS SKILLS	0	0	0	60	40	0	1	1	NC
9	*PGS 503	INTELLECTUAL PROPERTY AND ITS MANAGEMENT IN AGRICULTURE	50	40	10	0	0	1	0	1	NC
Total credit										18 + 3 (NC)=18	600
Abbreviation:		Th- THEORY LECTURE									
		P- PRACTICALS									
		MST- MID SEM TEST									
		NC- NON CREDIT									

*Non credit compulsory courses

(Prof. Vinod Dhar)
Chairperson
Board of Studies
Shri Vaishnav Vidyapeeth
Vishwavidyalaya
Indore (M.P.)

(Dr. K.N. Guruprasad)
Dean
Faculty of Agriculture
Shri Vaishnav Vidyapeeth
Vishwavidyalaya
Indore (M.P.)

(Dr. Shishir Jain)
Controller of Examination
Shri Vaishnav Vidyapeeth
Vishwavidyalaya
Indore (M.P.)

(Dr. Arvind Singh)
Joint Registrar
Shri Vaishnav Vidyapeeth
Vishwavidyalaya
Indore (M.P.)

(Prof. (Dr.) Upinder Dhar)
Vice Chancellor
Shri Vaishnav Vidyapeeth
Vishwavidyalaya
Indore (M.P.)