

GURU KASHI UNIVERSITY



Master of Science in Agriculture (Plant Pathology) (PATH)

Session: 2025-26

Faculty of Agriculture

Program Structure

Semester I										
Sr. No.	Course Code	Course Title	Type of Course	(Hours Per Week)			No. of Credits	Int.	Ext.	Total Marks
				L	T	P				
1	PATH501	Mycology	Major	2	0	0	2	15	35	50
2	PATH502	Mycology Lab	Major	0	0	2	1	10	15	25
3	PATH503	Principles of Plant Pathology	Major	3	0	0	3	25	50	75
4	STAT501	Agriculture statistics	Supporting	3	0	0	3	25	50	75
5	STAT502	Agriculture statistics Lab	Supporting	0	0	2	1	10	15	25
6	ENTO600	Toxicology of Insecticides	Minor (CBCS) (Choose any one)							
7	ENTO556	Biological control of insect pest		2	0	0	2	15	35	50
8	ENTO601	Toxicology of Insecticides Lab	Minor (CBCS) (Choose any one)							
9	ENTO557	Biological control of insect pest and weeds Lab		0	0	2	1	10	15	25
10	PGC501	Library and Information Services Lab	Common	0	0	2	1	10	15	25
11	PGC502	Agricultural Research, Research Ethics and Rural Development Programmes	Common	1	0	0	1	10	15	25
12	PATH500	Master Research	Research	-	-	-	4	S/US	S/US	S/US
	Total						19			

Semester II										
Sr. No.	Course Code	Course Title	Type of Course	(Hours Per Week)			No. of Credits	Int.	Ext.	Total Marks
				L	T	P				
12	PATH551	Plant Pathogenic Prokaryotes	Major	2	0	0	2	15	35	50
13	PATH552	Plant Pathogenic Prokaryotes Lab	Major	0	0	2	1	10	15	25
14	PATH553	Molecular Approaches in Plant Protection	Major	1	0	0	1	10	15	25
15	PATH554	Molecular Approaches in Plant Protection Lab	Major	0	0	2	1	10	15	25
18	PATH555	Plant Quarantine and Regulations	Minor	2	0	0	2	15	35	50
19	PATH556	Seminar	Seminar	-	-	-	1	10	15	25
20	CA551	Fundamentals of Computer Applications Lab	Supporting	-	-	4	2	15	35	50
21	PGC551	Basic Concepts in Laboratory Techniques Lab	Common	0	0	2	1	10	15	25
22	PATH500	Master Research	Research	-	-	-	5	S/U S	S/U S	S/U S
	Total						16			

Semester III										
Sr. No.	Course Code	Course Title	Type of Course	(Hours Per Week)			No. of Credits	Int.	Ext.	Total Marks
				L	T	P				
1	PATH600	Biological Control of Plant Diseases	Major	2	0	0	2	15	35	50
2	PATH601	Biological Control of Plant Diseases Lab Lab	Major	0	0	2	1	10	15	25
3	PATH602	Post Harvest Diseases	Major	2	0	0	2	15	35	50
4	PATH603	Post Harvest Diseases Lab	Major	0	0	2	1	10	15	25
5	ENTO558	Host-Plant Resistance to Insects	Minor (CBCS) (Choose any one)	1	0	0	1	10	15	25
6	ENTO663	Insect vectors of plant pathogens								
7	ENTO559	Host-Plant Resistance to Insects Lab	Minor (CBCS) (Choose any one)	0	0	2	1	10	15	25
8	ENTO664	Insect vectors of plant pathogens Lab								
9	PGC600	Technical writing and communication skills Lab	Common	0	0	2	1	10	15	25
10	PATH500	Master Research	Research	-	-	-	10	S/US	S/US	S/US
	Total						19			

Semester IV										
Sr. No .	Course Code	Course Title	Type of Course	L	T	P	No. of Credits	Int.	Ext.	Total Marks
1	PATH651	Plant Virology	Major	2	0	0	2	15	35	50
2	PATH652	Plant Virology Lab	Major	0	0	2	1	10	15	25
3	PATH653	Epidemiology and Forecasting of Plant Diseases	Minor	2	0	0	2	15	35	50
4	PGC651	Intellectual Property and its Management in Agriculture	Common	1	0	0	1	10	15	25
5	PATH500	Master Research	Research	-	-	-	13	S/ U S	S/ US	S/ US
	Total						17			
	Grand total						71			