

## B.SC. (HONS.) AGRICULTURE MAJOR PLANT PATHOLOGY

### SEMESTER-V (*Students will opt for 5 credit hours from elective courses*)

<b>PROPOSED</b>			
Course #	Title	Credit Hours	Course Type
PP-501	PLANT MYCOLOGY	3(2-1)	Major
PP-503	PLANT NEMATOLOGY	3(2-1)	Major
PP-505	PLANT PATHOGENIC PROKARYOTES	3(2-1)	Major
PP-507	PLANT VIROLOGY	3(2-1)	Major
<b>Sub-Total Credit Hours</b>		<b>15</b>	
PP-509	MICROBIAL CULTURING, IDENTIFICATION AND PRESERVATION	3(1-2)	Major
PP-511	BIOLOGICAL CONTROL OF PLANT PATHOGENS	3(2-1)	Major
PP-513	GENESIS OF PHYTOPATHOLOGICAL CONCEPTS	2(2-0)	Major
TGM-501	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC	Compulsory
<b>Total Credit Hours</b>		<b>20</b>	

### SEMESTER-VI (*Students will opt for 5 credit hours from elective courses*)

PP-502	DISEASES OF FIELD CROPS	4(3-1)	Major
PP-504	DISEASES OF HORTICULTURAL CROPS	3(2-1)	Major
PP-506	RANGE AND FOREST PATHOLOGY	2(1-1)	Major
PP-508	PLANT DISEASES EPIDEMIOLOGY	3(2-1)	Major
<b>Sub-Total credit hours</b>		<b>15</b>	
PP-510	BIOLOGY AND CULTIVATION OF EDIBLE FUNGI	3(2-1)	Major
PP-512	HISTOPATHOLOGY OF DISEASED PLANTS	2(1-1)	Major
PP-514	BIOLOGICAL DATA SCIENCE	3(1-2)	Major
TGM-502	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC	Compulsory
<b>Total Credit Hours</b>		<b>20</b>	

### SEMESTER-VII (*Students will opt for 2 credit hours from elective courses*)

PP-601	PLANT DISEASE MANAGEMENT	3(2-1)	Major
PP-603	DIAGNOSTIC PLANT PATHOLOGY	4(2-2)	Major
PP-605	POST-HARVEST PATHOLOGY	3(2-1)	Major
PP-607	PLANT RESISTANCE TO DISEASES	3(2-1)	Major
PP-609	MOLECULAR PLANT PATHOLOGY	3(2-1)	Major
PP-611	PREPARATION OF RESEARCH PROJECTS AND SCIENTIFIC WRITING	2(1-1)	Major
<b>Total Credit Hours</b>		<b>18</b>	
PP-613	PLANT DISEASE ASSESSMENT	2(1-1)	Major
TGM-601	Tutorial Group Meeting for Soft Skills	NCC	Compulsory
<b>Total Credit Hours</b>		<b>20</b>	

### SEMESTER-VIII

PP-602	INTERNSHIP AND EXTERNAL EVALUATION	3(0-3)	Major
PP-604	CAPSTONE PROJECT	3(0-3)	Major
<b>Total Credit Hours</b>		<b>06</b>	