

## B.Sc. (Hons.) Agriculture (Plant Pathology)

Course Title	Course Code	Course Type	Credit Hour
<b>Semester 1</b>			
<u>GEN(NS)</u>		General	<u>3</u>
Functional English	GENG-101	General	<u>3</u>
Civics and Community Engagement	GCCE-101	General	<u>2</u>
Islamic Studies / Ethics (for Non-Muslims)	GISL-101 / GETH-101	General	<u>2</u>
INTRODUCTION TO SOIL SCIENCE	SS-101	Major	<u>3</u>
BASIC AGRICULTURE	AGR-101	Major	<u>3</u>
Tarjuma-e-Quran	HQ-001	Compulsory	<u>0</u>
			<b>Total Credit Hours 16</b>
<b>Semester 2</b>			
<u>GEN(AH)</u>		General	<u>2</u>
Quantitative Reasoning (I)	GQR-101	General	<u>3</u>
Entrepreneurship	GENT-101	General	<u>2</u>
Ideology and Constitution of Pakistan	GICP-101	General	<u>2</u>
INTRODUCTORY HORTICULTURE	HORT-102	Major	<u>3</u>
INTRODUCTORY FOOD TECHNOLOGY	FST-102	Major	<u>3</u>
Tarjuma-e-Quran	HQ-002	Compulsory	<u>1</u>
			<b>Total Credit Hours 16</b>
<b>Semester 3</b>			
Applications of Information and Communication Technologies	GICT-201	General	<u>3</u>
Expository Writing	GENG-201	General	<u>3</u>
ELEMENTARY GENETICS & PLANT BREEDING	PBG-201	Major	<u>3</u>
FUNDAMENTALS OF FORESTRY, RANGELAND AND WILDLIFE MANAGEMENT	FRW-201	Major	<u>3</u>
INTRODUCTION TO ANIMAL HUSBANDRY	AH-201	Major	<u>3</u>
Tarjuma-e-Quran	HQ-003	Compulsory	<u>0</u>
			<b>Total Credit Hours 15</b>
<b>Semester 4</b>			
<u>GEN(SS)</u>		General	<u>2</u>
Quantitative Reasoning (II)	GQR-202	General	<u>3</u>
INTRODUCTORY PLANT PATHOLOGY	PP-202	Major	<u>3</u>
GENERAL ENTOMOLOGY	ENT-202	Major	<u>3</u>
INTRODUCTION TO AGRICULTURE EXTENSION	AEE-202	Major	<u>3</u>
Tarjuma-e-Quran	HQ-004	Compulsory	<u>1</u>
			<b>Total Credit Hours 15</b>
<b>Semester 5</b>			
AGRICULTURE AND ENVIRONMENTAL POLLUTION	ENT-409	Interdisciplinary	<u>3</u>
CROP MANAGEMENT UNDER STRESSFUL ENVIRONMENT	AGR-401	Interdisciplinary	<u>3</u>
INTRODUCTORY MYCOLOGY	PP-301	Major	<u>3</u>
Introduction to Plant Parasitic Nematodes	PP-303	Major	<u>3</u>
Introduction to Plant Prokaryotes	PP-305	Major	<u>3</u>
Tarjuma-e-Quran	HQ-005	Compulsory	<u>0</u>
Introduction to Plant Viruses	PP-307	Major	<u>3</u>
Methods and Techniques in Plant Pathology	PP-309	Major	<u>3</u>
			<b>Total Credit Hours 21</b>
<b>Semester 6</b>			
Beneficial microorganisms for sustainable agriculture	PP-302	Major	<u>3</u>
SOIL FERTILITY AND FERTILIZER USE	SS-304	Interdisciplinary	<u>3</u>
Plant Resistance to Diseases	PP-308	Major	<u>3</u>
INTRODUCTORY RANGE AND FOREST PATHOLOGY	PP-306	Major	<u>3</u>
DISEASES OF FIELD CROPS	PP-304	Major	<u>3</u>
Tarjuma-e-Quran	HQ-006	Compulsory	<u>1</u>
SEED AND POST-HARVEST PATHOLOGY	PP-310	Major	<u>3</u>
			<b>Total Credit Hours 19</b>
<b>Semester 7</b>			
SCIENTIFIC WRITING AND PRESENTATION	ENT-401	Interdisciplinary	<u>3</u>
Plant Disease Epidemiology	PP-407	Major	<u>3</u>
Introductory Molecular Plant Pathology	PP-405	Major	<u>3</u>
Diseases of vegetable crops	PP-403	Major	<u>3</u>
Diseases of Fruits & Ornamentals	PP-401	Major	<u>3</u>
Tarjuma-e-Quran	HQ-007	Compulsory	<u>0</u>
ABIOTIC DISEASES OF PLANTS	PP-409	Major	<u>3</u>
Pesticides, their action and applications	PP-411	Major	<u>3</u>
			<b>Total Credit Hours 21</b>
<b>Semester 8</b>			
Capstone Project	PP-408	Major	<u>3</u>
Internship/Fieldwork	PP-406	Major	<u>5</u>
N/A	N/A	Major	<u>0</u>
N/A	N/A	Major	<u>0</u>
N/A	N/A	Major	<u>0</u>
Tarjuma-e-Quran	HQ-008	Compulsory	<u>1</u>
			<b>Total Credit Hours 9</b>

Signature