

## B. Sc. (Hons.) Agriculture (Horticulture)

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>
Introduction to Animal Husbandry	AH-201	Major	<u>3</u>
Fundamentals of Forestry, Rangeland and Wildlife management	FRW-201	Major	<u>3</u>
Elementary Genetics and Plant Breeding	PBG-201	Major	<u>3</u>
Tarjuma-e-Quran	HQ-003	Compulsory	<u>0</u>
Pakistan Studies.	GPST-201	General	<u>2</u>
			<b>Total Credit Hours 17</b>
<b>Semester 4</b>			
<u>GEN(SS)</u>		General	<u>2</u>
Quantitative Reasoning (II)	GQR-201	General	<u>3</u>
Introduction to Agriculture Extension	AEE-202	Major	<u>3</u>
Introductory Plant Pathology	PP-202	Major	<u>3</u>
General Entomology	ENT-202	Major	<u>3</u>
Tarjuma-e-Quran	HQ-004	Compulsory	<u>1</u>
			<b>Total Credit Hours 15</b>
<b>Semester 5</b>			
INTRODUCTION TO CROP MODELING	AGRO-309	Interdisciplinary	<u>3</u>
Agri-informatics	AGRO-311	Interdisciplinary	<u>3</u>
PRINCIPLES OF ORNAMENTALCROP PRODUCTION	HORT-305	Major	<u>3</u>
PRINCIPLES OF VEGETABLE PRODUCTION	HORT-303	Major	<u>3</u>
PRINCIPLES OF FRUIT PRODUCTION	HORT-301	Major	<u>3</u>
Tarjuma-e-Quran	HQ-005	Compulsory	<u>0</u>
BREEDING OF HORTICULTURAL CROPS	HORT-307	Major	<u>3</u>
			<b>Total Credit Hours 18</b>
<b>Semester 6</b>			
Research and Scientific Writing	AGR-413	Interdisciplinary	<u>3</u>
Principles of Biochemistry and Cell Biology	IBB-301	Interdisciplinary	<u>3</u>
Summer Vegetables	HORT-306	Major	<u>3</u>
TROPICAL AND SUB-TROPICAL FRUITS	HORT-304	Major	<u>3</u>
COMMERCIAL FLOWER PRODUCTION	HORT-302	Major	<u>3</u>
Tarjuma-e-Quran	HQ-006	Compulsory	<u>1</u>
Post-Harvest Horticulture	HORT-308	Major	<u>3</u>
			<b>Total Credit Hours 19</b>
<b>Semester 7</b>			
TEMPERATE FRUITS	HORT-405	Major	<u>3</u>
WINTER VEGETABLES	HORT-401	Major	<u>3</u>
LANDSCAPE HORTICULTURE	HORT-403	Major	<u>3</u>
Introductory Horticultural Plant Biotechnology	HORT-407	Major	<u>3</u>
Propagation and Nursery Management	HORT-409	Major	<u>3</u>
Tarjuma-e-Quran	HQ-007	Compulsory	<u>0</u>
MEDICINAL AND AROMATIC PLANTS	HORT-411	Major	<u>3</u>
			<b>Total Credit Hours 18</b>
<b>Semester 8</b>			
Capstone Project	HORT-402	Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
Seminar	HORT-410	Major	<u>3</u>
Internship / Field Work	HORT-406	Major	<u>5</u>
Tarjuma-e-Quran	HQ-008	Compulsory	<u>1</u>
			<b>Total Credit Hours 18</b>

