

## DEPARTMENT OF AGRONOMY

### SCHEME OF STUDY BSC (HONS) AGRONOMY:

<b>1st Semester</b>		
Course No.	Course Title	Credit Hours
AGRON-301	Basic Agriculture	3(2-1)
HORT-301	Introductory Horticulture	3(2-1)
FST-301	Introduction to Food Science & Technology	3(2-1)
ISES-301	Islamic Studies or Ethics (For Non-Muslim Students)	2(2-0)
BOT-301	Functional Biology I or	3(3-0)
MATH-301	Math-1	3(3-0)
ENG-301	English	3(3-0)
	Total	17
<b>2nd – Semester</b>		
Course No.	Course Title	Credit Hours
ENT-351	Introductory Entomology	3(2-1)
AGRON-351	Principles of Agronomy	3(2-1)
ZOOL-351	Functional Biology II or	3(3-0)
MATH-351	Math-II	3(3-0)
PAKS-351	Pakistan Studies	2(2-0)
BIOCH-351	Biochemistry	3(2-1)
CS/IT-351	Computer Science/Information Technology	3(2-1)
	Total	17
<b>3rd – Semester</b>		
Course No.	Course Title	Credit Hours
AGRON-401	Field Crop Production – I	3(2-1)
PBG-401	Introductory Plant Breeding	3(2-1)
AEE-401	Introduction to Agricultural Extension	3(2-1)
ENT-401	Applied Entomology	3(2-1)
STAT-401	Statistics-I	3(2-1)
ENG-401	Communication Skills	3(3-0)
	Total	18
<b>4th- Semester</b>		
Course No.	Course Title	Credit Hours
SES-451	Introduction to Soil Science	3(2-1)
WAMA-451	Fundamentals of Water Management	3(2-1)
FST-451	Food Chemistry	3(3-0)
PPL-451	Introductory Plant Pathology	3(2-1)
STAT-451	Statistics-II	3(2-1)
HORT-451	Horticultural Crop Production	3(2-1)
	Total	18

5 <sup>th</sup> Semester		
Course No.	Course Title	Credit Hours
Agron-501	Arid and Rainfed Agriculture	3(2-1)
Agron-502	Agro-Technology of Major Crops	3(2-1)
Agron-503	Field Crop Physiology	3(2-1)
Agron-504	Plant Nutrients and Growth Regulators	3(2-1)
Agron-505	Water management in Rainfed Area	3(2-1)
	<b>Total</b>	<b>15</b>

6 <sup>th</sup> Semester		
Course No.	Course Title	Credit Hours
Agron-551	Biological Nitrogen Fixation	3(2-1)
Agron-552	Conservation Agronomy	3(2-1)
Agron-553	Forage and Fodder Production	3(2-1)
Agron-554	Organic Farming	3(3-0)
Agron-555	Irrigation Agronomy	3(2-1)
	Elective	3(--)
	<b>Total</b>	<b>18</b>

7 <sup>th</sup> Semester		
Course No.	Course Title	Credit Hours
Agron-601	Seed Production Technology	3(2-1)
Agron-603	Crop Management under Stressful Environments	3(2-1)
Agron-605	Agro Ecology	3(2-1)
Agron-606	Medicinal and Special Crops	3(2-1)
	Elective	3(--)
	<b>Total</b>	<b>15</b>

8 <sup>th</sup> Semester		
Course No.	Course Title	Credit Hours
Agron-651	Research & Scientific Writing	3(3-0)
Agron-652	Environment and Crop Production	3(2-1)
Agron-655	Introduction to Crop Modeling	3(2-1)
Agron-654	Internship/Research Project	4(0-4)
	<b>Total</b>	<b>13</b>