

B.Sc. (Hons) Agriculture

Scheme of Study for first four semesters w.e.f. Winter 2024-25

Semester 1

Course Code	Title	Credit Hrs	Category
AGR-301/ AGR304	BASIC AGRICULTURE/ WEED CONTROL METHODS (FOR F.SC. PRE-AGRI.)	3(1-2)	Major
FRW-301	INTRODUCTION TO FORESTRY	3(2-1)	Major
FST-301	ESSENTIALS OF FOOD SCIENCE AND TECHNOLOGY	3(2-1)	Major
ENG-313	FUNCTIONAL ENGLISH	3(3-0)	GE
CS-305	APPLICATION OF INFORMATION TECHNOLOGY AND COMMUNICATION TECHNOLOGIES (ICT)	3(2-1)	GE
MATH-301/ BIO-301	ELEMENTARY MATHEMATICS / ESSENTIALS OF BIOLOGY	3(3-0) 3(2-1)	GE
ID-304	IRRIGATION AND DRAINAGE PRACTICES	2(1-1)	Allied
TGM-301	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC	Compulsory
	Total	20	

Semester 2

AEE-301	INTRODUCTION TO AGRICULTURAL EXTENSION	2(1-1)	Major
ENT-302	FUNDAMENTALS OF ENTOMOLOGY	3(2-1)	Major
PP-302	INTRODUCTORY PLANT PATHOLOGY	3(2-1)	Major
HORT-302	FUNDAMENTAL HORTICULTURE	3(2-1)	Major
ENG-314	EXPOSITORY WRITING	3(3-0)	GE
SSH-303	IDEOLOGY AND CONSTITUTION OF PAKISTAN	2(2-0)	GE
ARE-301	PRINCIPLES OF AGRICULTURAL AND RESOURCE ECONOMICS	3(3-0)	Allied
TGM-302	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC	Compulsory
	Total	19	

Semester 3

PBG-401	FUNDAMENTALS OF PLANT BREEDING AND GENETICS	3(2-1)	Major
BIOTECH-401	BASICS OF MOLECULAR BIOLOGY AND GENETICS	3(3-0)	Major
SS-401	SOIL SCIENCE	3(2-1)	Major
MAB-401	FUNDAMENTALS OF AGRIBUSINESS AND MARKETING	2(2-0)	Major
Math-408	QUANTITATIVE REASONING I	3(3-0)	GE
BMS-402	ENTREPRENEURSHIP	2(2-0)	GE
IS-401/ SSH-306	ISLAMIC STUDIES/ ETHICS	2(2-0)	GE
VMD-401	INTRODUCTION TO VETERINARY PREVENTIVE MEDICINE	2(1-1)	Allied
IS-402/SSH-403	ترجمہ القرآن /INTERFAITH HARMONY	1(1-0) NC	Compulsory
TGM-401	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC	Compulsory
	Total	20	

Semester 4

AH-402	INTRODUCTION TO ANIMAL HUSBANDRY	3(2-1)	Major
MIC-402	BASIC MICROBIOLOGY	2(2-0)	Major
HE-407	ART, CRAFT AND CALLIGRAPHY	2(1-1)	GE
RS-409	RURAL SOCIOLOGY AND DEVELOPMENT	2(2-0)	GE
EDU-306	CIVICS AND COMMUNITY ENGAGEMENT	2(2-0)	GE
STAT-408	QUANTITATIVE REASONING – II	3 (3-0)	GE
FMP-405	FARM MECHANIZATION	2(1-1)	Allied
Biocehm-502	FUNDAMENTAL BIOCHEMISTRY	3(2-1)	Allied
IS-403	روحانیت /MORAL PHILOSOPHY	1(1-0) NC	Compulsory
TGM-402	TUTORIAL GROUP MEETING FOR SOFT SKILLS	NCC	Compulsory
	Total	19	

B.Sc. (Hons) Agriculture Credit Hours distribution:

Summary of first- four semesters	
Major CH	= 36
General Education CH	= 30
Allied courses CH	= 12
Total	= 78

After four semesters	
Major CH	= 60
Internship and Capstone	= 06
Total	= 66
Degree total	= 78 + 66 = 144