

Scheme of Study

1st Semester

Course Code	Course Name	Cr. Hrs.
ELL-311	English-I(Functional English)	3(3-0)
PST-311	Pakistan Studies	2(2-0)
MATH-311	Mathematics 1	3(3-0)
ZOO-301	Principles of Animal Life 1	3(3-0)
CHEM-301	Inorganic Chemistry	3(3-0)
BOT-301	Foundation-I Diversity of Plants	4(3-1)
QE-301	Quranic Education (Audit Course)	1
Total Cr. Hrs.		18

2nd Semester

Course Code	Course Name	Cr. Hrs.
ELL-312	English-II (Communication Skills)	3(3-0)
ISL-311	Islamic Studies / Ethics	2(2-0)
ELL-403	English IV/ Univ. Optional	3(3-0)
ZOO-302	Principles of Animal Life 2	3(3-0)
CHEM-302	Organic Chemistry	3(3-0)
BOT-302	Foundation-II Plant Systematics, Anatomy and Development/ Embryology	4 (3-1)
Total Cr. Hrs.		18

3rd Semester

Course Code	Course Name	Cr. Hrs.
ELL-411	English-III (Technical Report Writing & Presentation Skill)	3(3-0)
CSC-311	Introduction to Computer	3(3-0)
PSY-301	Introduction to Psychology	3(3-0)
CHEM-402	Physical Chemistry	3(3-0)
BOT-401	Foundation-III Cell Biology, Genetics and Evolution	4(3-1)
QE-401	Quranic Education (Audit Course)	1
Total Cr. Hrs.		17

4th Semester

Course Code	Course Name	Cr. Hrs.
PSY-510	Social Psychology	3(3-0)
GEO-301	Fundamentals of Geography	3(3-0)
BOT-402	Foundation-IV Biodiversity And Conservation	4(3-1)
BOT-404	Biostatistics	3(3-0)
BOT-406	Foundation-V Plant Physiology And Ecology	4(3-1)
Total Cr. Hrs.		17

5th Semester

Course Code	Course Name	Cr. Hrs.
BOT-501	Foundation-VI Bacteriology And Virology	3(2-1)
BOT-503	Foundation-VII Diversity Of Vascular Plants	3(2-1)
BOT-505	Major-I Mycology And Plant Pathology	3(2-1)
BOT-507	Major-II Phycology And Bryology	3(2-1)
BOT-509	Major-III Plant Systematics	3(2-1)
QE-501	Quranic Education (Audit Course)	1
Total Cr. Hrs.		15

6th Semester

Course Code	Course Name	Cr. Hrs.
BOT-502	Major-IV Genetics-I	3(2-1)
BOT-504	Foundation-VII Plant Anatomy	3(2-1)
BOT-506	Major-V Plant Biochemistry-I	3(2-1)
BOT-508	Foundation-IX Plant Ecology-I	3(2-1)
BOT-510	Major-VI Plant Physiology-I	3(2-1)
Total Cr. Hrs.		15

Scheme of Study

7th Semester

Course Code	Course Name	Cr. Hrs.
BOT-601	MAJOR-VII Molecular Biology	3(2-1)
BOT-603	MAJOR-VIII Plant Biochemistry-II	3(2-1)
BOT-605	MAJOR-IX Plant Ecology-II	3(2-1)
	ELECTIVE-I/RESEARCH PROJECT/ INTERNSHIP/OPTIONAL PAPER	3(3-0)
	ELECTIVE-II	3(3-0)
QE-601	QURANIC EDUCATION (AUDIT COURSE)	1
Total Cr. Hrs.		15

8th Semester

Course Code	Course Name	Cr. Hrs.
BOT-602	MAJOR-XII Environmental Biology	3(2-1)
BOT-604	MAJOR-XI Genetics-II	3(2-1)
BOT-606	MAJOR-X Plant Physiology-II	3(2-1)
	ELECTIVE-III/RESEARCH PROJECT / INTERNSHIP/OPTIONAL PAPER	3
	ELECTIVE-IV	3
Total Cr. Hrs.		15