

**SCHEME OF STUDY FOR BACHOLAR'S PROGRAM**

S.NO	SEMESTER	COURSE TITLE	CREDIT HOURS
1.	1 <sup>st</sup>	English-I	3 (3,0)
2.		Pakistan Studies	2 (2,0)
3.		Mathematics-I	3 (3,0)
4.		Functional Biology-I	3 (3,0)
5.		Organic Chemistry	3 (2,1)
6.		Principles of Animal Life-I	4 (3,1)
<b>Total Credit Hours</b>			<b>18</b>
S.NO	SEMESTER	COURSE TITLE	CREDIT HOURS
7.	2 <sup>nd</sup>	English-II	3 (3,0)
8.		Islamic Studies/Ethics	2 (2,0)
9.		Biostatistics	3 (2,1)
10.		Functional Biology-II	3 (3,0)
11.		Inorganic Chemistry	3 (2,1)
12.		Principles of Animal Life-II	4 (3,1)
<b>Total Credit Hours</b>			<b>18</b>
S.NO	SEMESTER	COURSE TITLE	CREDIT HOURS
13.	3 <sup>rd</sup>	English-III	3 (3,0)
14.		Introduction to Computer	3 (2,1)
15.		Plant Systematic, Anatomy & Development	3 (2,1)
16.		Environmental Chemistry	3 (3,0)
17.		Animal Diversity-I	4 (3,1)
<b>Total Credit Hours</b>			<b>16</b>
S.NO	SEMESTER	COURSE TITLE	CREDIT HOURS
18.	4 <sup>th</sup>	Introduction to Statistics	3 (3,0)
19.		Biodiversity and Conservation	3 (2,1)
20.		Animal Diversity-II	4 (3,1)
21.		Animal Form and Function-I	4 (3,1)
22.		Animal Form and Function-II	4 (3,1)
<b>Total Credit Hours</b>			<b>18</b>

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S.NO	SEMESTER	COURSE TITLE	CREDIT HOURS
23.	5 <sup>th</sup>	Introduction to Psychology	2 (2,0)
24.		Developmental Biology	4 (3,1)
25.		Cell & Molecular Biology	4 (3,1)
26.		Animal Behaviour	2 (2,0)
27.		Physiology	4 (3,1)
<b>Total Credit Hours</b>			<b>16</b>
S.NO	SEMESTER	COURSE TITLE	CREDIT HOURS
28.	6 <sup>th</sup>	Biological Techniques	3 (1,2)
29.		Evolution and Principles of Systematics	4 (4,0)
30.		Biochemistry	3 (3,0)
31.		Ecology	3 (3,0)
32.		Wildlife	3 (0,3)
<b>Total Credit Hours</b>			<b>16</b>
S.NO	SEMESTER	COURSE TITLE	CREDIT HOURS
33.	7 <sup>th</sup>	Genetics	3 (3,0)
34.		Bioinformatics	3 (3,0)
35.		Zoogeography & Paleontology	3 (3,0)
36.		Principles of Parasitology	3 (1,2)
37.		Biotechnology	3 (3,0)
<b>Total Credit Hours</b>			<b>15</b>
S.NO	SEMESTER	COURSE TITLE	CREDIT HOURS
38.	8 <sup>th</sup>	Physiology of Coordination	3 (2,1)
39.		Cancer Biology	3 (3,0)
40.		Clinical Biochemistry	3 (2,1)
41.		Environmental Pollution	3 (3,0)
42.		Research Project/Two Optional Courses from	6
43.		the list given below with its Course Code	(3+3)
<b>Total Credit Hours</b>			<b>18</b>