

CREDIT HOURS FOR UNDERGRADUATE AND GRADUATE DEGREES

A credit hour means teaching/earning a theory course for one hour each week throughout the semester.

Course	Duration of Class
Theory Course of 03 Credit Hours	3 classes of 01 hour per week Or 2 classes of 1.5 hours per week
Practical (Lab)Work/Field Work of 01 Credit Hour	02 to 03 contact hours per week

One credit hour in laboratory or practical work/project would require lab contact of two to three hours per week throughout the semester.

The credit hours are denoted by two digits within brackets with a hyphen/plus in between. The first digit represents the theory part while the second (right side) digit represents the practical.

Thus 3(3-0) means three credit hours of theory, while 4(3-1) means a total of four credit hours, of which three are of theory while one credit hour is for laboratory/studio work/field work/practical work supervised as mentioned above.

Attendance

A student having less than 75% attendance in lectures and practical (if applicable) separately shall not be allowed to take the final term examination of the course. The Department/College/Institute/Center shall notify the list of such students at least one day before the examination week.

10. Evaluation

The course teacher will be responsible for students' evaluation and grading as per the following weight-age:

Courses without practical		Courses with practical	
Assessment	%age	Assessment	%age
Mid	30	Mid	15
Sessional	20	Sessional	15
Final	50	Final	45
–	–	Practical	25

10.1 Sessional: Test(s) / quiz(s) / assignment(s) / presentation(s) / seminar(s) / class participation/ attendance/ term paper. The course teacher will decide the marks distribution according to the nature of the course.

Grading Table

<u>%age Marks</u>	<u>Grade Point</u>	<u>Letter Grade</u>	<u>%age Marks</u>	<u>Grade Point</u>	<u>Letter Grade</u>
80-100	4.00	A	59	2.57	C
79	3.94	B	58	2.50	C
78	3.87	B	58	2.50	C
77	3.80	B	57	2.43	C
76	3.74	B	56	2.36	C
75	3.67	B	55	2.30	C
74	3.60	B	54	2.24	C
73	3.54	B	53	2.18	C
72	3.47	B	52	2.12	C
71	3.40	B	51	2.06	C
70	3.34	B	50	2.00	C
69	3.27	B	49	1.90	D
68	3.20	B	48	1.80	D
67	3.14	B	47	1.70	D
66	3.07	B	46	1.60	D
65	3.00	B	45	1.50	D
64	2.92	C	44	1.40	D
63	2.85	C	43	1.30	D
62	2.78	C	42	1.20	D
61	2.70	C	41	1.10	D
60	2.64	C	40	1.00	D
Below 40	0	F			
Result Late	--	RL			
Withdrawal		W			
Repeat		R			
Incomplete	0.00	I			

Passing marks for a course = 50% (C grade for semester and term system)

Note: The degree requirements for graduate (BS/MA/MSc etc.) programs shall be 2.50 CGPA.

1. Achieving GPA between 1.70-2.00 in the 1st semester gives the student probation in the following semester (only once).
2. If GPA in semester 2 is less than 2.00, the student has to be dropped off.
3. Students can reappear in one failed course twice till the end of the degree.

ROAD MAP OF BS ZOOLOGY (2020-2024)

BS Zoology		
Eligibility: At least 45% marks in FSc (Pre-medical) with Biology (at least 33% marks) or equivalent qualification. Duration: 4 Years Semesters: 8 Degree Requirements: 124-140 Credit Hours Fee Structure: See "Fee Structure" page No. 163		
Code	Course Title	C/Hr.
Semester-1		
URCE-5101	Grammar	3(3+0)
URCM-5101	Introduction to Mathematics	3(3+0)
BOTN-5101	Diversity of Plants	4(3+1)
CHEM-5101	Physical Chemistry	4(3+1)
ZOOL-5101	Animal Diversity-I (Invertebrates)	4(3+1)
Total 18(15+3)		
Semester-2		
UR5CE-5102	Language Comprehension & Presentations Skills	3(3+0)
URCI-5105	Islamic Studies/Ethics	2(2+0)
BOTN-5102	Plant Systematics, Anatomy and development/ Embryology	4(3+1)
CHEM-5102	Inorganic Chemistry	4(3+1)
ZOOL-5102	Animal Diversity-II (Chordates)	4(3+1)
Total 17(14+3)		
Semester-3		
URCE-5103	Academic Writing	3(3+0)
URCI-5109	Introduction to Info. And Communication Tech.	3(2+1)
BOTN-5103	Cell Biology, Genetics and Evolution	4(3+1)
CHEM-5103	Organic Chemistry	4(3+1)
ZOOL-5103	Animal Form & Function-I	4(3+1)
Total 18(14+4)		

Semester-4		
URCE-5104	Introduction to English Literature	3(3+0)
ZOOL-5104	Animal Form & Function-II	4(3+1)
SOCI-5101	General Sociology	3(3+0)
ZOOL-5104	Biological Techniques	3(1+2)
PSYC-5101	Introduction to Psychology	3(3+0)
URCP-5106	Pakistan Studies	2(2+0)
Total 18(15+3)		
Semester-5		
ZOOL-6106	Research Methodology	2(2+0)
ZOOL-6107	Economic Zoology	3(2+1)
ZOOL-6108	Biochemistry	4(3+1)
ZOOL-6109	Cell and Molecular Biology	4(3+1)
ZOOL-6110	Evolution & Principles of Systematics	4(3+1)
Total 17(13+4)		
Semester-6		
ZOOL-6111	Physiology	4(3+1)
ZOOL-6112	Ecology	3(2+1)
ZOOL-6113	Developmental Biology	4(3+1)
ZOOL-6114	Genetics	4(3+1)
ZOOL-6115	Wildlife	3(2+1)
Total 18(13+5)		
Semester-7		
ZOOL-6XXX	Special Paper A1/ Thesis (Univ. Option)	3(2+1)/(0+3)
ZOOL-6116	Biostatistics/Univ. Option	3(2+1)
ZOOL-6XXX/	Special Paper A2/	
ZOOL-6130	Univ. Option= Ichthyology	3(2+1)
ZOOL-6XXX/	Univ. Option/	
ZOOL-6140	Principles & Kinetics Of Toxicology	3(2+1)

ZOOL-6117	Bioinformatics	3(1+2)
Total 15(9+6)		
Semester-8		
ZOOL-6118	Animal Behavior	3(3+0)
ZOOL-6XXX	Special Paper B1/ Thesis (Univ. Option)	3(2+1)/(0+3)
ZOOL-6XXX/	Special Paper B2/	3(2+1)
ZOOL-6122	Univ. Option=Biotechnology	
ZOOL-6XXX	Univ. Option	3(2+1)
ZOOL-6119	Zoogeography & Paleontology	3(2+1)
Total 15(11+4)		