

Khwaja Fareed University of Engineering & Information Technology

Program: Bachelor of Science in Zoology (Lateral Entry)

Title: Bachelor of Science in Zoology (Lateral Entry) Spring-2023

Semester #: 1			
Course Code	Course Title	Credit Hours	Pre Req Course Code
ENGL-2111	Technical Writing & Presentation Skills	3	
ZOOL-2103	Animal Diversity-I (Invertebrates)	3	
ZOOL-2104	Animal Diversity-II (Chordates)	3	
ZOOL-2105	Animal Form and Function-I	3	
ZOOL-3101	Animal Form & Function-II	3	
COSC-1105	Introduction to ICT	2	
COSC-1205	Introduction to ICT-Lab	1	
MATH-1105	Fundamentals of Mathematics	3	
Credit Hours		21	
Semester #: 2			
Course Code	Course Title	Credit Hours	Pre Req Course Code
ZOOL-3102	Animal Physiology	3	
ZOOL-4213	Economic Zoology-Lab	1	
ZOOL-4113	Economic Zoology	2	
ZOOL-4100	Evolution	2	
ZOOL-3103	Animal Behaviour	3	
ZOOL-3202	Animal Physiology-Lab	1	
BOCH-1201	Introductory Biochemistry-Lab	1	
BOCH-1101	Introductory Biochemistry	3	
Credit Hours		16	
Semester #: 3			
Course Code	Course Title	Credit Hours	Pre Req Course Code
ZOOL-3105	Principles of Systematics	2	
ZOOL-3301	Research Methodology	2	
BIOL-2202	Genetics-Lab	1	
BIOL-2102	Genetics	3	
ZOOL-3106	Developmental Biology	3	
ZOOL-3104	Biological Techniques	1	
ZOOL-3204	Biological Techniques-Lab	2	
ZOOL-3205	Principles of Systematics Lab	1	
ZOOL-3206	Developmental Biology-Lab	1	

Credit Hours		16	
Semester #: 4			
Course Code	Course Title	Credit Hours	Pre Req Course Code
ZOOL-4101	Research Projects and Scientific Writing	3	
ZOOL-4102	Wildlife	3	
ZOOL-4103	Environmental Biology	3	
ZOOL-4203	Environmental Biology-Lab	1	
ZOOL-4109	Biodiversity and Wildlife	3	
ZOOL-4105	Entomology	3	
Credit Hours		16	
Semester #: 5			
Course Code	Course Title	Credit Hours	Pre Req Course Code
BIOI-2101	Introduction to Bioinformatics	2	
BIOI -2201	Introduction to Bioinformatics-Lab	1	
ZOOL-4104	Zoogeography & Palaeontology	2	
ZOOL-4204	Zoogeography & Palaeontology Lab	1	
ZOOL-4601	Research / Review Report	3	
ZOOL-4106	Applied Microbiology	3	
ZOOL-4107	Ichthyology	3	
Credit Hours		15	

Total Credit Hours: 84