

BS			
Course Title	Course Code	Course Type	Credit Hour
Semester 1			
GEN(NS)		General	<u>2</u>
Functional English	GENG-101	General	<u>3</u>
Civics and Community Engagement	GCCE-101	General	<u>2</u>
Islamic Studies / Ethics (for Non-Muslims)	GISL-101 / GETH-101	General	<u>2</u>
Lab. Cell Biology	ZOOL-104	Major	<u>1</u>
Lab. Animal Diversity-I	ZOOL-102	Major	<u>1</u>
Tarjuma-e-Quran	HQ-001	Compulsory	<u>0</u>
Animal Diversity-I	ZOOL-101	Major	<u>2</u>
Cell Biology	ZOOL-103	Major	<u>2</u>
Total Credit Hours			15
Semester 2			
GEN(AH)		General	<u>2</u>
Quantitative Reasoning (I)	GQR-101	General	<u>3</u>
Entrepreneurship	GENT-101	General	<u>2</u>
Ideology and Constitution of Pakistan	GICP-101	General	<u>2</u>
Lab.Biochemistry-I	ZOOL-108	Major	<u>1</u>
Biochemistry-I	ZOOL-107	Major	<u>2</u>
Tarjuma-e-Quran	HQ-002	Compulsory	<u>1</u>
Animal Diversity-II	ZOOL-105	Major	<u>2</u>
Lab. Animal Diversity-II	ZOOL-106	Major	<u>1</u>
Total Credit Hours			16
Semester 3			
Applications of Information and Communication Technologies	GICT-201	General	<u>3</u>
Expository Writing	GENG-201	General	<u>3</u>
Lab. Economic Zoology	ZOOL-206	Major	<u>1</u>
Economic Zoology	ZOOL-205	Major	<u>2</u>
Lab. Animal Form & Function–I	ZOOL-204	Major	<u>1</u>
Tarjuma-e-Quran	HQ-003	Compulsory	<u>0</u>
Animal Diversity-III	ZOOL-201	Major	<u>2</u>
Lab. Animal Diversity-III	ZOOL-202	Major	<u>1</u>
Animal Form & Function–I	ZOOL-203	Major	<u>2</u>
Total Credit Hours			15
Semester 4			
GEN(SS)		General	<u>3</u>
Quantitative Reasoning (II)	GQR-202	General	<u>3</u>
Lab. Biological Techniques	ZOOL-212	Major	<u>2</u>
Biological Techniques	ZOOL-211	Major	<u>1</u>
Lab. Animal Behavior	ZOOL-210	Major	<u>1</u>
Tarjuma-e-Quran	HQ-004	Compulsory	<u>1</u>
Animal Form & Function-II	ZOOL-207	Major	<u>2</u>
Lab. Animal Form & Function-II	ZOOL-208	Major	<u>1</u>
Animal Behavior	ZOOL-209	Major	<u>2</u>
Total Credit Hours			16
Semester 5			
Lab. Biochemistry-II	ZOOL-304	Interdisciplinary	<u>1</u>
Biochemistry-II	ZOOL-303	Interdisciplinary	<u>2</u>
Lab. Genetics-I	ZOOL-310	Major	<u>1</u>
Genetics-I	ZOOL-310	Major	<u>2</u>
Physiology-I	ZOOL-307	Major	<u>2</u>
Tarjuma-e-Quran	HQ-005	Compulsory	<u>0</u>
Entomology	ZOOL-301	Interdisciplinary	<u>2</u>
Lab. Entomology	ZOOL-302	Interdisciplinary	<u>1</u>
Wildlife	ZOOL-305	Major	<u>2</u>
Lab. Wildlife	ZOOL-306	Major	<u>1</u>
Lab. Physiology-I	ZOOL-308	Major	<u>1</u>
Total Credit Hours			15
Semester 6			
Developmental Biology	ZOOL-314	Major	<u>2</u>
Research Methodology	ZOOL-313	Interdisciplinary	<u>3</u>
Lab. Genetics-II	ZOOL-317	Major	<u>1</u>
Genetics-II	ZOOL-316	Major	<u>2</u>
Lab. Developmental Biology	ZOOL-315	Major	<u>1</u>
Tarjuma-e-Quran	HQ-006	Compulsory	<u>1</u>
General Microbiology	ZOOL-311	Interdisciplinary	<u>2</u>
Lab. General Microbiology	ZOOL-312	Interdisciplinary	<u>1</u>
Ecology	ZOOL-318	Major	<u>2</u>
Lab. Ecology	ZOOL-319	Major	<u>1</u>
Physiology-II	ZOOL-320	Major	<u>2</u>
Lab. Physiology-II	ZOOL-321	Major	<u>1</u>
Total Credit Hours			19
Semester 7			
Fieldwork / Internship		Major	<u>3</u>
Lab. Principles of Systematics	ZOOL-405	Major	<u>1</u>
Principles of Systematics	ZOOL-404	Major	<u>2</u>
Lab. Analysis of Development	ZOOL-403	Major	<u>1</u>

Analysis of Development	ZOOL-402	Major	<u>2</u>
Tarjuma-e-Quran	HQ-007	Compulsory	<u>0</u>
Principles of Paleontology	ZOOL-406	Major	<u>2</u>
Lab. Principles of Paleontology	ZOOL-407	Major	<u>1</u>
Molecular Biology	ZOOL-408	Major	<u>2</u>
Lab. Molecular Biology	ZOOL-409	Major	<u>1</u>
Industrial Biotechnology	ZOOL-410	Major	<u>2</u>
Lab. Industrial Biotechnology	ZOOL-411	Major	<u>1</u>
			Total Credit Hours 18
Semester 8			
Capstone Project		Major	<u>3</u>
Lab. Applied Fisheries	ZOOL-416	Major	<u>1</u>
Applied Fisheries	ZOOL-415	Major	<u>2</u>
Lab. Bioinformatics	ZOOL-414	Major	<u>2</u>
Bioinformatics	ZOOL-413	Major	<u>1</u>
Tarjuma-e-Quran	HQ-008	Compulsory	<u>1</u>
Evolution	ZOOL-417	Major	<u>2</u>
Lab. Evolution	ZOOL-418	Major	<u>1</u>
Zoogeography	ZOOL-419	Major	<u>2</u>
Lab. Zoogeography	ZOOL-420	Major	<u>1</u>
			Total Credit Hours 16
Signature			