

BS Environmental Sciences			
Course Title	Course Code	Course Type	Credit Hour
Semester 1			
GEN(NS)		General	3
Functional English	GENG-101	General	3
Civics and Community Engagement	GCCE-101	General	2
Islamic Studies / Ethics (for Non-Muslims)	GISL-101 / GETH-101	General	2
Principles of Biology	ENSC-102	Interdisciplinary	3
Introduction to Environmental Sciences	ENSC-101	Major	3
Tarjuma-e-Quran	HQ-001	Compulsory	0
APPLICATIONS OF INFORMATION AND COMMUNICATION TECHNOLOGIES	GICT-101	Interdisciplinary	3
Total Credit Hours 19			
Semester 2			
GEN(AH)		General	2
Quantitative Reasoning (I)	GQR-101	General	3
Entrepreneurship	GENT-101	General	2
Ideology and Constitution of Pakistan	GICP-101	General	2
Basic Chemistry	ENSC-105	Interdisciplinary	3
Fundamentals of Ecology	ENSC-104	Major	3
Tarjuma-e-Quran	HQ-002	Compulsory	1
Social Sciences-Anthropolgy	ENSC-106	Interdisciplinary	2
Islamic Studies	GISL-101	Interdisciplinary	2
Total Credit Hours 20			
Semester 3			
Applications of Information and Communication Technologies	GICT-201	General	3
Expository Writing	GENG-201	General	3
Introduction to Earth Sciences	ENSC-203	Major	3
Environmental Chemistry	ENSC-202	Major	3
Environmental Physics	ENSC-201	Major	3
Tarjuma-e-Quran	HQ-003	Compulsory	0
Ideology and Constitution of Pakistan	GICP-101	Interdisciplinary	2
Time Managemnet & Organizational Skills	ENSC-204	Interdisciplinary	2
Total Credit Hours 19			
Semester 4			
GEN(SS)		General	2
Quantitative Reasoning (II)	GQR-202	General	3
Applied Ecology	ENSC-207	Major	3
Air & Noise Pollution	ENSC-206	Major	3
Mineral Resources & Environmental Sustainability	ENSC-205	Major	3
Tarjuma-e-Quran	HQ-004	Compulsory	1
Environmental Microbiology	ENSC-208	Major	3
Civics & Community Engagement	GCCE-201	Interdisciplinary	2
Enterpreurship	GENT-201	Interdisciplinary	2
Total Credit Hours 22			
Semester 5			
Enviornmnetal Economics	ENSC-305	Interdisciplinary	3
Research Methods in Environmnetal Sciences	ENSC-304	Interdisciplinary	3
Water Pollution	ENSC-303	Major	3
Analytical Techniques in Environmental Sciences	ENSC-302	Major	3
Solid Waste Management	ENSC-301	Major	3
Tarjuma-e-Quran	HQ-005	Compulsory	0
Initial Environmental Examination (IEE)	ENSC-306	Major	2
Total Credit Hours 17			
Semester 6			
Interdisciplinary		Interdisciplinary	3
Elective I	ENSC-311	Major	2
Environmental Impact Assessment	ENSC-309	Major	3
Water and Wastewater Treatment	ENSC-308	Major	3
Sustainable Development	ENSC-307	Major	3
Tarjuma-e-Quran	HQ-006	Compulsory	1
DATA ANALYSIS	ENSC-310	Major	3
Field work	ENSC-311	Interdisciplinary	3
Total Credit Hours 21			
Semester 7			
Capstone Project	ENSC-405	Major	3
Disaster Risk Management	ENSC-404	Major	3
Health Safety & Environment	ENSC-403	Major	3
Climate Change	ENSC-402	Major	3
Environmental Management System	ENSC-401	Major	3
Tarjuma-e-Quran	HQ-007	Compulsory	0
Elective II	ENSC-405	Major	2
Total Credit Hours 17			
Semester 8			
Thesis / Viva Voce Examination	ENSC-411	Major	6
Elective III	ENSC-409	Major	3
Environmental Governance Policy and Law	ENSC-408	Major	2
Biodiversity & Conservation	ENSC-407	Major	3

Geographical Information System & Remote Sensing	ENSC-406	Major	3
Tarjuma-e-Quran	HQ-008	Compulsory	1
Elective IV	ENSC-410	Major	3
Total Credit Hours			21
Signature			