B.Sc. (Engg.) Energy Engineering

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
General Chemistry	NS-114	Major	3
Linear Algebra and Applied Statistics	NS-113	Major	2
Tarjuma-e-Quran	HQ-001	Compulsory	0
Sources of Energy	EE-111	Major	2
Applied Physics	NS-112	Major	3
			Total Credit Hours 20
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
Engineering Thermodynamics	EE-122	Major	4
Energy Engineering Principles and Calculations-I	EE-121	Major	3
Tarjuma-e-Quran	HQ-002	Compulsory	1
Workshop Practice for Engineers	MDE-123	Major	1
Calculus and Analytical Geometry	NS-124	Major	3
			Total Credit Hours 21
Semester 3			
Applications of Information and Communication Technologies	GICT-201	General	3
Expository Writing	GENG-201	General	3
Fluid Mechanics	EE-213	Major	4
Engineering Materials	EE-212	Major	2
Heat and Mass Transfer	EE-211	Major	4
Tarjuma-e-Quran	HQ-003	Compulsory	0
Energy Engineering Principles and Calculations-II	EE-214	Major	3
Applied Differential Equations	NS-215	Major	3
Pakistan Studies.	GPST-201	General	2
			Total Credit Hours 24
Semester 4			
GEN(SS)		General	2
Quantitative Reasoning (II)	GQR-201	General	3
major		Major	3
major		Major	3
major		Major	3
Tarjuma-e-Quran	HQ-004	Compulsory	1
			Total Credit Hours 15
Semester 5			
Interdisciplinary		Interdisciplinary	3
Interdisciplinary		Interdisciplinary	3
major		Major	3
major		Major	3
major		Major	3
Tarjuma-e-Quran	HQ-005	Compulsory	0
			Total Credit Hours 15
Semester 6			
Interdisciplinary		Interdisciplinary	3
Interdisciplinary		Interdisciplinary	3
major		Major	3
major		Major	3
major		Major	3
Tarjuma-e-Quran	HQ-006	Compulsory	1
			Total Credit Hours 16
Semester 7			
Fieldwork / Intership		Major	3
major		Major	3
major		Major	3
major		Major	3
major		Major	3
Tarjuma-e-Quran	HQ-007	Compulsory	0
			Total Credit Hours 15
Semester 8			
Capstone Project		Major	3
major		Major	3
major		Major	3
major		Major	3
major		Major	3
Tarjuma-e-Quran	HQ-008	Compulsory	1
			Total Credit Hours 16

Signature