

BS 04 Years & Associate Degree in Science Education

Course Title	Course Code	Course Type	Credit Hour
Semester 1			
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>
Fehm-e-Quran	HQ-001N	Compulsory	<u>0</u>
Environmental Science (NS)	NER-109	General	<u>3</u>
Zoology-I/Math A-I (Theory + Lab)	SE02/02A	Major	
Chemistry-I/Physics-I (Theory + Lab)	SE01/01A	Major	<u>3</u>
			Total Credit Hours 13
Semester 2			
Basic Functional Arabic (AH)	AARB-111	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>
Zoology II/Mathematics A-II (Theory)	304/304A	Major	
Chemistry-II/Mathematics B-1 (Theory)	303/303A	Major	
Fehm-e-Quran	HQ-002N	Compulsory	<u>1</u>
Chemistry-II/Mathematics B-1 (Lab)	SE-303L	Major	<u>1</u>
Zoology II/Mathematics A-II (Lab)	SE-304L	Major	<u>1</u>
			Total Credit Hours 12
Semester 3			
Applications of Information and Communication Technologies	GICT-201	General	<u>3</u>
Expository Writing	GENG-201	General	<u>3</u>
Tarjuma-e-Quran	HQ-003	Compulsory	<u>0</u>
Pakistan Studies	GPST-201	General	<u>2</u>
Botany I/Physics-II (Theory)	305/305A	Major	<u>3</u>
Botany I/Physics II (Lab)	305L/AL	Major	<u>1</u>
Botany-II/Mathematics B-II (Theory)	306/306A	Major	
Botany-II (Lab)	SE-306L	Major	<u>1</u>
Zoology III/Mathematics A-III	307/307A	Major	
Zoology Lab-III	SE-307L	Major	<u>1</u>
			Total Credit Hours 14
Semester 4			
Mathematics B-III [Calculus (II)]	BSSSED707	General	<u>4</u>
Mathematics A-IV [Ordinary Differential Equations]	BSSSED708	General	<u>4</u>
Chemistry-II (Inorganic Chemistry)	-	Major	<u>3</u>
Chemistry Lab-III (Organic Chemistry Lab)	-	Major	<u>1</u>
Physics-III Thermal Physics	SE-308A	Major	<u>3</u>
PHYSICS LAB-III	SE-305AL	Major	<u>1</u>
Zoology IV Animal Form and Function	SE-310	Major	<u>3</u>
Zoology Lab- IV Animal Form and Function	SE-310L	Major	<u>1</u>
Tarjuma-e-Quran	HQ-004	Compulsory	<u>1</u>
			Total Credit Hours 21
Semester 5			
Interdisciplinary		Interdisciplinary	<u>3</u>
Interdisciplinary		Interdisciplinary	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
Tarjuma-e-Quran	HQ-005	Compulsory	<u>0</u>
			Total Credit Hours 15
Semester 6			
Interdisciplinary		Interdisciplinary	<u>3</u>
Interdisciplinary		Interdisciplinary	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
Tarjuma-e-Quran	HQ-006	Compulsory	<u>1</u>
			Total Credit Hours 16
Semester 7			
Fieldwork / Intership		Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
Tarjuma-e-Quran	HQ-007	Compulsory	<u>0</u>
			Total Credit Hours 15
Semester 8			
Capstone Project		Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
Tarjuma-e-Quran	HQ-008	Compulsory	<u>1</u>
			Total Credit Hours 16

Signature