

## BS 04 Years & Associate Degree in Physics

Course Title	Course Code	Course Type	Credit Hour
<b>Semester 1</b>			
Functional English	GENG-101	General	<u>3</u>
Islamic Studies / Ethics (for Non-Muslims)	GISL-101 / GETH-101	General	<u>2</u>
Tarjuma-e-Quran	HQ-001	Compulsory	<u>0</u>
Fundamentals of Philosophy (AH)	AHPH-100	General	<u>2</u>
Quantitative Reasoning (I)	GQR-101	General	<u>3</u>
Calculus-I	MPHY-101	Major	<u>3</u>
Mechanics	MPHY-111	Major	<u>3</u>
			<b>Total Credit Hours 16</b>
<b>Semester 2</b>			
Introduction to Social Sciences (SS)	GSS-101	General	<u>3</u>
Quantitative Reasoning (II)	GQR-201	General	<u>3</u>
Ideology and Constitution of Pakistan	GICP-101	General	<u>2</u>
WAVES AND OPTICS	MPHY-112	Major	<u>3</u>
CALCULUS - II	MPHY-102	Major	<u>3</u>
Tarjuma-e-Quran	HQ-002	Compulsory	<u>1</u>
PHYSICS LAB-1	MPHY-161	Major	<u>1</u>
			<b>Total Credit Hours 16</b>
<b>Semester 3</b>			
Applications of Information and Communication Technologies	GICT-201	General	<u>3</u>
Expository Writing	GENG-201	General	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
Tarjuma-e-Quran	HQ-003	Compulsory	<u>0</u>
			<b>Total Credit Hours 15</b>
<b>Semester 4</b>			
GEN(SS)		General	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
major		Major	<u>3</u>
Tarjuma-e-Quran	HQ-004	Compulsory	<u>1</u>
			<b>Total Credit Hours 13</b>
<b>Semester 5</b>			
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>
			<b>Total Credit Hours 15</b>
<b>Semester 6</b>			
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>
			<b>Total Credit Hours 16</b>
<b>Semester 7</b>			
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>
			<b>Total Credit Hours 15</b>
<b>Semester 8</b>			
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>
			<b>Total Credit Hours 16</b>

Signature