

## BS in Data Science

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>
Fehm-e-Quran	HQ-001N	Compulsory	<u>0</u>
Ideology and Constitution of Pakistan	GICP-101	Major	<u>2</u>
Programming Fundamentals (Lab)	CC-112L	Major	<u>1</u>
Programming Fundamentals	CC-112	Major	<u>3</u>
Applications of Information and Communication Technologies	GE-160A	General	<u>3</u>
Math Deficiency I	MD-001	Major	<u>0</u>
			<b>Total Credit Hours 14</b>
<b>Semester 2</b>			
Digital Logic Design	CC-110	Major	<u>3</u>
Digital Logic Design (Lab)	CC-110L	Major	<u>1</u>
Object Oriented Programming	CC-211N	Major	<u>3</u>
Object Oriented Programming (Lab)	CC-211L	Major	<u>1</u>
Applied Physics	GE-169	General	<u>3</u>
Expository Writing	GENG-201	General	<u>3</u>
Probability and Statistics	MS-251N1	General	<u>3</u>
Fehm-e-Quran	HQ-002N	Compulsory	<u>1</u>
			<b>Total Credit Hours 18</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>
Tarjuma-e-Quran	HQ-003	Compulsory	<u>0</u>
			<b>Total Credit Hours 6</b>
<b>Semester 4</b>			
<u>GEN(SS)</u>		General	<u>3</u>
Quantitative Reasoning (II)	GQR-202	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 16</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 / Internship		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