

## Associate Degree in Artificial Intelligence

Course Title	Course Code	Course Type	Credit Hour
<b>Semester 1</b>			
Functional English	GENG-101	General	<u>3</u>
Applications of Information and Communication Technologies	GE-160	General	<u>2</u>
Applications of Information and Communication Technologies (Lab)	GE-160L	General	<u>1</u>
Programming Fundamentals	CC-112	Major	<u>3</u>
Programming Fundamentals (Lab)	CC-112L	Major	<u>1</u>
Digital Logic Design	CC-110	Major	<u>2</u>
Digital Logic Design (Lab)	CC-110L	Major	<u>1</u>
Discrete Structures	GE-167	Major	<u>3</u>
Pakistan Studies	GE-161	General	<u>2</u>
Math Deficiency-I	MD-001	General	<u>0</u>
Fehm-e-Quran	HQ-001N	Compulsory	<u>0</u>
<b>Total Credit Hours</b>			<b>18</b>
<b>Semester 2</b>			
Object Oriented Programming	CC-211N	General	<u>3</u>
Object Oriented Programming (Lab)	CC-211L	General	<u>1</u>
Software Engineering	CC-212N	General	<u>3</u>
Database Systems	CC-215N	General	<u>3</u>
Database Systems (Lab)	CC-215L1	General	<u>1</u>
Islamic Studies	GISL-101	Compulsory	<u>2</u>
Applied Physics	GE-169	General	<u>3</u>
Probability and Statistics	MS-251N1	General	<u>3</u>
Math Deficiency - II	MD-002N	General	<u>0</u>
Fehm-e-Quran	HQ-002N	Compulsory	<u>1</u>
<b>Total Credit Hours</b>			<b>20</b>
<b>Semester 3</b>			
Data Structures	CC-213	Major	<u>3</u>
Data Structures (Lab)	CC-213L	Major	<u>1</u>
Artificial Intelligence	CC-310	Major	<u>2</u>
Artificial Intelligence (Lab)	CC-310L	Major	<u>1</u>
Operating Systems	CC-311	Major	<u>2</u>
Operating Systems (Lab)	CC-311L	Major	<u>1</u>
Tarjuma-e-Quran	HQ-003	Compulsory	<u>0</u>
<b>Total Credit Hours</b>			<b>10</b>
<b>Semester 4</b>			
Quantitative Reasoning (II)	GQR-201	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</b>			<b>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</b>			<b>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</b>			<b>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</b>			<b>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</b>			<b>16</b>

Signature