

Associate Degree in Computer Science

Course Title	Course Code	Course Type	Credit Hour
Semester 1			
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>
Digital Logic Design	CC-110	Major	<u>2</u>
Digital Logic Design Lab	CC-110L	Major	<u>1</u>
Math Deficiency – I	MD-001	General	<u>3</u>
Discrete Structures	GE-167	General	<u>3</u>
Programming Fundamentals	CC-112	Major	<u>3</u>
Programming Fundamentals Lab	CC-112L	Major	<u>1</u>
Applications of Information and Communication Technologies	GE-160	General	<u>3</u>
			Total Credit Hours 21
Semester 2			
Ideology and Constitution of Pakistan	GICP-101	General	<u>2</u>
Object Oriented Programming Lab	CC-211L	Major	<u>1</u>
Object Oriented Programming	CC-211	Major	<u>3</u>
Tarjuma-e-Quran	HQ-002	Compulsory	<u>1</u>
Probability and Statistics	MS-251	General	<u>3</u>
Software Engineering	CC-212	Major	<u>3</u>
Expository Writing	GE-191	General	<u>3</u>
Math Deficiency – II	MD-002	General	<u>3</u>
Database Systems	CC-215	Major	<u>3</u>
Database Systems Lab	CC-215L	Major	<u>1</u>
			Total Credit Hours 23
Semester 3			
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>
			Total Credit Hours 15
Semester 4			
GEN(SS)		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>
			Total Credit Hours 16
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