PAMIR INSTITUTE OF HIGHER EDUCATION
KHOST
BCS (HONORS) 4-YEAR PROGRAM

Semester-1st			
Course Code	**Course Title**	**Credits**	
BCS-01	Introduction to Computer	3	Core
BCS-02	Introduction to Programming	3	Core
BCS-03	Basic Hardware	3	Core
BCS-04	Freshman English	3	University req
BCS-05	Communication Skills	2	Core
BCS-06	Basic Accounting	3	Core
BCS-07	Islamyat	1	University req

Semester – 2nd			
Course Code	**Course Title**	**Credits**	
BCS-08	Data Structure	3	Professional
BCS-09	Database – I	3	Core
BCS-10	Internet Programming–I (HTML, DHTML, JavaScript)	3	Professional
BCS-11	Data Communication & Networking	3	Professional
BCS-12	Office Tools	3	Core
BCS-13	Afghanistan History	2	University req
BCS-14	Islamyat	1	University req

Semester – 3rd			
Course Code	**Course Title**	**Credits**	
BCS-15	Object Oriented Programming using C++	3	Professional
BCS-16	Advanced Networking (Practical approach to Microsoft)	3	Professional
BCS-17	Database–II (Database application-II)	3	Core
BCS-18	Visual Programming – I (VB.net) Console Application	3	Core
BCS-19	Artificial Intelligence	3	Professional
BCS-20	Physics	2	Core
BCS-21	Islamyat	1	University req

Semester – 4th			
Course Code	**Course Title**	**Credits**	
BCS-22	Network Strategies	3	Professional
BCS-23	Visual Programming (VB.NET) –II	3	Core
BCS-24	Web Programming	3	Professional
BCS-25	DBA(Database Administration)	3	Professional
BCS-26	Digital Logic Design (DLD)	3	Core
BCS-27	E-Commerce	2	Core
BCS-28	Islamyat	1	University req

Semester – 5th			
Course Code	**Course Title**	**Credits**	
BCS-29	Computer and N/W security	3	Professional
BCS-30	Web. Development	3	Professional
BCS-31	Operating System (OS)	3	Core
BCS-32	Software Engineering – I	3	Professional
BCS-33	Electronics	3	Core
BCS-34	Fundamental of Management	2	Core
BCS-35	Islamyat	1	University req

Semester – 6th			
Course Code	**Course Title**	**Credits**	
BCS-36	Calculus and Analytical Geometry	3	Core
BCS-37	Computer Architecture	3	Core
BCS-38	Wireless and Mobile Communication	3	Professional
BCS-39	Jawa	3	Professional
BCS-40	Computer Graphics	3	Professional
BCS-41	MIS	2	Professional
BCS-42	Islamyat	1	University req

Semester – 7			
Course Code	**Course Title**	**Credits**	
BCS-43	Operation Research	3	Professional
BCS-44	Internet Engineering	3	Professional
BCS-45	IT. Resource Management (ITRM)	3	Core
BCS-46	Mobile programming	3	Professional
BCS-47	Compiler Construction	3	Professional
BCS-48	Writing Principle	2	Core
BCS-49	Islamyat	1	University req

Semester – 8			
Course Code	**Course Title**	**Credits**	
BCS-50	Human Computer Instruction (HCI)	3	Professional
BCS-51	Tele Communication	3	Professional
BCS-52	Distributed Database	3	Professional
BCS-53	Islamyat	1	University req
BCS-54	Project	4	Professional

8 Semesters   Total subjects 54   Total credits 140

Subjects	Subject Type	Credits	Per%
20	Core	52	37.3
24	Professional	72	44.4
10	University req.	10	18.5