

BS Computer Science

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Semester 1	Course Code	Course Title	Sections
	CSCS1513	Introduction to Computing	2
	CSCS1511	Introduction to Computing Lab	2
	CSHU1823	English Composition & Comprehension	1
	CSSS1723	Basic Electronics	1
Semester 2	Course Code	Course Title	Sections
	CSCP1013	Programming Fundamentals	4
	CSCP1011	Programming Fundamentals Lab	4
	CSSS1713	Calculus and Analytical Geometry	1
	CSCS2523	Digital Logic Design	2
	CSCS2521	Digital Logic Design Lab	2
	CSHU1873	Communication & Presentation Skills	1
Semester 3	Course Code	Course Title	Sections
	CSCS3543	Computer Organization and Assembly Language	1
	CSCS3541	Computer Organization and Assembly Language – Lab	1
	CSAL1213	Discrete Structures	1
	CSSS2753	Linear Algebra	1
	CSSS2733	Multivariate Calculus	1
	CSCP2023	Object Oriented Programming	2
	CSCP2021	Object Oriented Programming – Lab	2
	CSMG1933	Introduction to Business	1

	CSMG1923	Financial Accounting	1
	CSHU1843	Introduction to Psychology	1
Semester 4			
	Course Code	Course Title	Sections
	CSCP2033	Data Structures and Algorithms	1
	CSCP2031	Data Structures and Algorithms – Lab	1
	CSDB2313	Introduction to Database Systems	1
	CSDB2311	Introduction to Database Systems – Lab	1
	CSSS2743	Probability and Statistics	1
	CSSE4153	Human Computer Interaction	1
	CSSS2763	Differential Equations	1
Semester 5			
	Course Code	Course Title	Sections
	CSCS2533	Computer Architecture	1
	CSAL3233	Design and Analysis of Algorithms	1
	CSAL3203	Introduction to Image Processing	1
	CSSE3113	Introduction to Software Engineering	1
	CSCP3063	Mobile Application Development	1
	CSCS3553	Operating Systems	1
	CSCS3551	Operating Systems – Lab	1
	CSSE3143	Web Application Development	1
Semester 6			
	Course Code	Course Title	Sections
	CSAL3243	Artificial Intelligence	1
	CSAL3241	Artificial Intelligence – Lab	1

Seme	CSAL3253	Theory of Automata & Formal Languages	1
	CSNC2413	Computer Communications and Networks	1
	CSNC2411	Computer Communications and Networks – Lab	1
	CSHU2813	English-III (Technical and Report Writing)	1
Semester 7			
	Course Code	Course Title	Sections
	CSCS4573	Compiler Construction	1
	CSAL4263	Numerical Computing	1
Semester 8			
	Course Code	Course Title	Sections
	CSGE4963	Professional Practices	1