

Graduate Diploma: Computer Science

Code	Course	Pre Requisite Courses Codes	Pre-Requisite Courses
1. TERM I			
CS 611	Introduction to Computing	-	
CS 641	Introduction to Programming	-	
CS 602	Discrete Structures	-	
CS 617	Digital Logic Design and Computer Architecture	-	
2. TERM II			
CS 612	Data Structures & Algorithms	CS 641	Introduction to Programming
CS643	Object Oriented Programming	CS 641	Introduction to Programming
IS675	Database Management Systems	CS 611 OR IS 671	Introduction to Computing Introduction to Information Systems
CS631	Computer Networks	CS 611 OR IS 671	Introduction to Computing Introduction to Information Systems
3. TERM III			
CS666	Introduction to Artificial Intelligence	CS 602 AND CS 612	Discrete Structures Data Structures & Algorithms
CS622	Operating Systems	CS 617 AND CS 612	Digital Logic Design and Computer Architecture Data Structures & Algorithms
CS644	Web Programming	CS 641 AND IS675	Introduction to Programming Database Management Systems
CS 621	Systems Programming	CS 617 AND CS 612	Digital Logic Design and Computer Architecture Data Structures & Algorithms
4. TERM VI			
SE691	Software Engineering	CS643	Object Oriented Programming
CS 652	Computer Graphics	CS 612	Data Structures & Algorithms
CS 623	Data Security	CS631	Computer Networks
CS605	Modeling and Simulation	CS643	Object Oriented Programming

Graduate Diploma in Information Systems

Code	Courses	Pre- Requisite Course Codes	Pre-Requisite Courses
IS671	Introduction to Information Systems	-	-
CS641	Introduction to Programming	-	-
CS602	Discrete Structures	-	-
CS617	Digital Logic Design and Computer Architecture	-	-
CS612	Data Structures and Algorithms	CS641	Introduction to Programming
CS643	Object Oriented Programming	CS641	Introduction to Programming
IS675	Database Management Systems	CS611 OR IS671	Introduction to Computing OR Introduction to Information Systems
CS631	Computer Networks	CS611 OR IS671	Introduction to Computing OR Introduction to Information Systems
CS666	Introduction to Artificial Intelligence	CS602 and CS612	Discrete Structures and Data Structures & Algorithms
CS622	Operating Systems	CS617 and CS612	Digital Logic Design and Computer Architecture and Data Structures & Algorithms
CS644	Web Programming	CS641 and IS675	Introduction to Programming and Database Management Systems
IS691	System Analysis & Design	CS643 and IS671	Object Oriented Programming and Introduction to Information Systems
SE691	Software Engineering	CS643	Object Oriented Programming
IS676	Data Storage and Retrieval	CS612 and IS675	Data Structures & Algorithms and Database Management Systems
IS672	Fundamentals of E-Business	CS644	Web Programming
IS692	Project Management	IS691	System Analysis & Design