

Graduate Certificate in Computer Science: Software Design & Development	
REQUIREMENTS: 18 Credits	Credits
CS501A: Computer Programming Essentials	3.0
CS501B: Program Development	3.0
CS502: Theoretical Foundations of Computer Science	3.0
CS503: Data Structures and Algorithms	3.0
CS505: Operating Systems Concepts	3.0
CS509: Advanced Object-Oriented Programming and Design	3.0
TOTAL CREDITS FOR GRADUATE CERTIFICATE IN COMPUTER SCIENCE: SOFTWARE DESIGN & DEVELOPMENT = 18.0	