

Graduate Certificate in Software Development	
REQUIREMENTS: 18 Credits	Credits
CS-501A: Computer Programming Essentials	3.0
CS501B: Program Development	3.0
CS503: Data Structures and Algorithms	3.0
SE510: Object-Oriented Analysis	3.0
SE504: Principles of Software Engineering	3.0
SE699: Individual Research Project in Software Engineering	3.0
TOTAL CREDITS FOR GRADUATE CERTIFICATE IN SOFTWARE DEVELOPMENT = 18.0	