

<b>Graduate Certificate in Software Development</b>	
<b>REQUIREMENTS: 18 Credits</b>	<b>Credits</b>
CS-501A: Computer Programming Essentials	3.0
CS-501B: Program Development	3.0
CS-503: Data Structures and Algorithms	3.0
SE-510: Object-Oriented Analysis	3.0
SE-504: Principles of Software Engineering	3.0
SE-699: Individual Research Project in Software Engineering	3.0

**Minimum Credits for Graduate Certificate in Software Development = 18.0**