

Master of Science in Software Engineering - Embedded Systems Track	
REQUIREMENTS: 51 Credits	Credits
CS501B: Program Development	3.0
CS503: Data Structures and Algorithms	3.0
SE504: Principles of Software Engineering	3.0
SE510: Object Oriented Analysis & Design	3.0
SE515: Disciplined Software Development	3.0
SE561: Mathematical Foundations of Software Engineering	3.0
SE565: Software Systems Requirements	3.0
SE570: Software Systems Design	3.0
SE575: Software Verification, Validation & Maintenance	3.0
SE580: The Process of Software Engineering	3.0
SE620: Network Software Systems I	3.0
SE630: Real-time Software Analysis and Specification	3.0
SE631: Real-time Software Design and Implementation	3.0
ELECTIVES: 6 Credits from Among: CS525, CS526, SE605, SE610, SE611, SE621, SE638, SE660	6.0
or	
SE685A and SE685B: Practicum SE690A and SE690B: Thesis	6.0
TOTAL CREDITS FOR MASTER OF SCIENCE IN SOFTWARE ENGINEERING - EMBEDDED SYSTEMS TRACK = 51.0	