Master of Science in Software Engineering	
REQUIREMENTS: 42 Credits	**Credits**
FOUNDATION COURSES: *(a)*	
CS501B: Program Development	3.0
CS503: Data Structures and Algorithms	3.0
SE504: Principles of Software Engineering	3.0
SE510: Object-Oriented Analysis and Design	3.0
CORE COURSES:	
SE565: Software Systems Requirements	3.0
SE570: Software Systems Design	3.0
SE575: Software Verification, Validation and Maintenance	3.0
SE580: The Process of Engineering Software	3.0
ELECTIVE COURSES:	
12 Elective Credits from Among: SE601, SE602, SE603, SE605, SE610, SE611, SE615, SE620, SE621, SE625, SE626, SE630, SE631, SE637, SE638, SE650, SE651, SE652, SE660, SE699, CS514, or CS517	12.0
Choose: SE695A and SE695B: Practicum **or** SE691 and SE692: Thesis	6.0

TOTAL CREDITS FOR MASTER OF SCIENCE IN SOFTWARE ENGINEERING = 42.0

(a) Up to 12 credits of Foundation Courses may be waived upon evaluation of prior academic preparation in Computer Science and Software Engineering

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