

Master of Science in Software Engineering	
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
Choose: 15 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	15.0
SE695A and SE695B: Practicum	
<b>or</b>	
SE691A and SE692B: Thesis	6.0

**TOTAL CREDITS FOR MASTER OF SCIENCE IN SOFTWARE ENGINEERING = 51.0**

**MONMOUTH UNIVERSITY CURRICULUM CHART**