

Master of Science in Software Engineering - Advanced Track	
REQUIREMENTS: Core Courses	Credits
SE565: Software Systems Requirements	3.0
SE570: Software System Design	3.0
SE580: The Process of Engineering Software	3.0
REQUIREMENTS:	Credits
Choose TWO SETS of guided electives from among: SE601: Outsourcing: Specifications and Strategies and SE602: Technology Assessment SE620: Network Software Systems I and SE621: Network Software Systems II SE625: Information Systems Architecture and SE626: Information Systems Engineering SE630: Real-Time Software Analysis and Specification and SE631: Real-Time Software Design and Implementation SE637: Wireless Communications and SE638: Communications Systems SE650: Software Project Management and SE651: Software Organization Management	12.0
REQUIREMENTS: Electives	Credits
Choose 3 credits from among: SE601, SE602, SE603, SE605, SE610, SE611, SE615, SE620, SE625, SE626, SE630, SE631, SE637, SE638, SE650, SE651, SE652, SE660, SE698, SE699, CS514, CS517, CS533, BM565	3.0
REQUIREMENTS: Two Semester Thesis	Credits
SE691A: Thesis Research	3.0
SE692B: Thesis Research	3.0
a) May substitute with an additional set of electives; consult with advisor.	
TOTAL CREDITS FOR MASTER OF SCIENCE IN SOFTWARE ENGINEERING - THESIS TRACK = 30.0	

NOTE:

* This track is open only to students with an undergraduate degree in Software Engineering.