

Master of Science in Software Engineering - Advanced Thesis 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 the following:	12.0
SE601: Outsourcing: Specifications and Strategies and SE602: Technology Assessment	
SE620: Networked Software Systems I and SE621: Networked 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	
REQUIREMENTS: Electives	Credits
Choose 3 credits from the Following:	3.0
SE601, SE602, SE603, SE605, SE610, SE611, SE615, SE620, SE625, SE626, SE630, SE631, SE637, SE638, SE650, SE651, SE652, SE660, SE698, SE699, CS514, CS517, CS533, BM565	
REQUIREMENTS: Two Semester Thesis	Credits
SE691: Software Engineering Thesis Research	3.0
SE692: Software Engineering Thesis Research	3.0
TOTAL CREDITS FOR MASTER OF SCIENCE IN SOFTWARE ENGINEERING - ADVANCED THESIS TRACK = 30.0	

NOTE:

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