



MASTER OF SCIENCE: SOFTWARE ENGINEERING

Course Title

Required:

MSSE 600 Object-Oriented Software Engineering

MSSE 610 Software Requirements and Processes

MSSE 635 Software Architecture & Design

MSSE 640 Software Quality and Test

MSSE 642 Software Assurance

MSSE 695 Software Engineering Research and Development

Any 600-level Anderson College elective course

choose one from the following:

MSCC 693 Graduate Capstone

MSCC 698 Graduate Thesis

MSSE 696 Software Engineering Practicum II

Enterprise Java Software Engineering Track:

MSSE 670 Object Oriented Software Construction

MSSE 672 Component-Based Software Development

MSSE 674 Service-Based Software Development

Full Stack Track

MSSE 661 Web Software Development

MSSE 663 Web Frameworks

MSSE 667 Web Mobile Frameworks

Mobile Development Track

MSSE 670 Object Oriented Software Construction

MSSE 655 Mobile Software Engineering in Android

MSSE 667 Web Mobile Frameworks

	Fall SEM		Spring SEM		Summer SEM	
	Fall 8W1	Fall 8W2	Spring 8W1	Spring 8W2	Summer 8W1	Summer 8W2
MSSE 600 Object-Oriented Software Engineering	X		X			
MSSE 610 Software Requirements and Processes		X				
MSSE 635 Software Architecture & Design			X			
MSSE 640 Software Quality and Test				X		
MSSE 642 Software Assurance					X	
MSSE 695 Software Engineering Research and Development	<i>available as needed</i>					
Any 600-level Anderson College elective course	<i>availability varies</i>					
MSCC 693 Graduate Capstone		X		X		
MSCC 698 Graduate Thesis	<i>available as needed</i>					
MSSE 696 Software Engineering Practicum II	<i>available as needed</i>					
		X				
			X			
				X		
	X					
					X	
		X				
						X

Note: Course availability as listed is based on typical offerings and is not guaranteed.

All students should work with their Academic Advisor to create an individualized course sequencing plan based on actual availability.