Software Engineering Master of Science Program

Prerequisite and Deficiency Courses

PRIOR TO FALL 2017	FALL 2017
Prerequisite Courses (for students with a non-computer science background)	**Prerequisite Courses (for students with a non-computer science background)**
SER 100 Object-Oriented Software Development	CSE 110 Principles of Programming
SER 200 Core Data Structures with Object Oriented Programming	CSE 205 Object-Oriented Programming and Data Structures
SER 232 Computer Systems Fundamentals I	CSE 120 Digital Design Fundamentals
MAT 243 Discrete Mathematical Structures	MAT 243 Discrete Mathematical Structures
SER 250 Microcomputer Architecture and Programming	CSE 230 Computer Organization and Assembly Language Programming
CSE 240 Introduction to Programming Languages	
Deficiency Courses	**Deficiency Courses**
SER 221 Programming Languages and Their Execution Environment	CSE 240 Introduction to Programming Languages
SER 222 Design and Analysis of Data Structures and Algorithms	SER 222 Design and Analysis of Data Structures and Algorithms
SER 334 Operating Systems and Networks	SER 334 Operating Systems and Networks
CSE 360 Introduction to Software Engineering	CSE 360 Introduction to Software Engineering
Computing Studies (for students who were admitted as Computing Studies majors)	
SER 100 or CSE 110 or CST 100	
SER 200 or CSE 205 or CST 200 or ACO 102 Principles of Computer Science	
SER 221 or CSE 240	
SER 232 or CSE 120 or CST 150	
MAT 243 Discrete Mathematical Structures	
SER 250 or CSE 230 or CST 250	