PACE UNIVERSITY
Seidenberg School of Computer Science and Information Systems

MS in Software Development and Engineering
(36 CREDITS)

Name: _____   Email: _____

ID: _____   Phone: _____

PREPARATORY COURSE

Credits taken for the SE 602 prep course will not be counted towards this degree. (Required if no previous background)

Course:		Credits	Semester	Grade
SE 602	Object-Oriented Development Using Java	4		

CORE REQUIREMENTS (18 credits)

Required:		Credits	Semester	Grade
SE 616	Introduction to Software Engineering	4		
SE 673	Software Design Methodologies	4		
SE 675	Requirements Engineering	3		
SE 677	Software Reliability and Quality Assurance	3		
SE 679	Contemporary Software Engineering Theory and Practice	4		

ELECTIVES (12 Credits)
*Students may choose individual courses from the **MS/SE curriculum catalog** and the current academic schedule to fulfill elective credits, provided prerequisites are met. Students should consult with their Academic Advisor when selecting courses.*

Students may review Elective courses from the MS/SE curriculum catalog.

Electives:		Credits	Semester	Grade
		3		
		3		
		3		
		3		

CAPSTONE COURSES (6 Credits)
Students are required to select one of the following options to complete the capstone requirement.

Required:		Credits	Semester	Grade
SE xxx	Advanced Software Engineering Elective	3		
SE 785	Software Development Studio	3		

-or-

Required:		Credits	Semester	Grade
SE 701	Software Development Thesis I	3		
SE 702	Software Development Thesis II	3		

-or-

Required:		Credits	Semester	Grade
SE xxx	Advanced Software Engineering Elective	3		
	IEEE Certification**	3		

**IEEE Certification is equivalent to 3 credits of graduate-level course work.
*SE 602 does not count towards the 36 credits needed to complete the master's, but the final course grade will be part of the student's overall GPA.