PACE UNIVERSITY
Seidenberg School of Computer Science and Information Systems

MS in Computer Science (30 Credits)

BRIDGE COURSE (4 credits)

*An entering student with limited or no previous background in the field of computer science or programming may be required to take four (4) credits of prerequisite bridge coursework. ******A student with a baccalaureate in computer science should be able to waive this prerequisite. Bridge courses do NOT count toward the degree;* ***grades earned however are computed into the student's QPA.***

Course List:		Credits	Semester	Grade
CS 505	Introduction to Computer Science with Java	4		**

CORE REQUIREMENTS (15 credits)

Required:		Credits	Semester	Grade
CS 604	Computer Systems and Concepts	3		
CS 608	Algorithms and Computing Theory	3		
CS 610	Introduction to Parallel and Distributed Computing	3		
CS 612	Concepts and Structures in Internet Computing	3		
CS 623	Database Management Systems	3		

CONCENTRATION OPTIONS (9 credits)

A student may choose to pursue a focused in-depth concentration in a specific area consisting of one course sequence.

Suggested concentrations include:

• Artificial Intelligence • Mobile Computing • Internet Computing • Network Security

Students may review concentration options from the MS/CS curriculum catalog-

OR-

The student may choose to take Computer Science elective courses to fulfill the 9 elective credit requirement.

.ELECTIVES (9 credits)

Students who elect not to pursue a concentration may choose individual courses from the current Computer Science academic schedule for a total of 9 CS credits, provided prerequisites are met.

Students can take up to 1 non-CS graduate level Seidenberg or Lubin MBA Foundation courses as an elective, with approval of an Academic Advisor or the Department Chair.

Students may review elective courses from the MS/CS curriculum catalog.

Electives:		Credits	Semester	Grade
		3		
		3		
		3		

CAPSTONE PROJECT (6 credits)

Students are required to select one of the following options, the Computer Science Project ***or*** *Thesis. Pursuing a thesis requires the student to work on a research project under the supervision of a professor.*

Selections:		Credits	Semester	Grade
CS 691/692	Computer Science Project I and II	6		
CS 693/694	Thesis I and II	6		

Total Credits 30

Student Name: _____ U#_____

Academic Advisor/Date: _____