MSCS Degree Requirements

36 Units • Effective Fall 2013

Student Name: _____

Student ID: _____

Date Admitted: _____

Systems Core (Choose 1):

_____ CS 621 Network Programming

_____ CS 636 Operating Systems

_____ CS 685 Wireless Sensor Networks

Theory Core (Choose 1):

_____ CS 652 Programming Languages

_____ CS 673 Algorithms

_____ CS 675 Theory of Computation

Development Core (Choose 1):

_____ CS 625 Parallel and Distributed Computing

_____ CS 630 Game Engineering 3D

_____ CS 662 Artificial Intelligence

_____ CS 680 Web Systems and Algorithms

_____ CS 682 Distributed Software Development

Project/Thesis Requirement (Choose 1):

_____ CS 690 Master's Project

_____ CS 699 Master's Thesis

Elective Courses* (5 Courses, 20 Units):

_____ 200+ Level: _____

_____ 300+ Level: _____

_____ 300+ Level: _____

_____ 600 Level: _____

_____ 600 Level: _____

_____ _____

* Up to 2 electives may be used to satisfy foundational requirements, and up to 4 units of directed research or practicum units may be used as a lower-level elective. No substitutions are accepted for the 600-level elective courses.

OPTIONAL Emphasis in Entrepreneurship (Replace 2 Lower-Level CS Electives with 8 MBA Units):

_____ (2 Units) MBA 6601 Entrepreneurial Management

_____ (2 Units) MBA 6603 Creativity and Innovation

_____ (2 Units) MBA 6605 Small Business Ventures

_____ (2 Units) MBA 6607 Corporate Entrepreneurship and Innovation

Foundational Requirements (Must Fulfill ALL Unmarked Requirements):

_____ CS 212 Software Development

_____ CS 245 Data Structures and Algorithms

_____ CS 315 Computer Architecture

_____ CS 326 Operating Systems

_____ CS 414/652 Compilers/Prog. Languages

_____ MA 201 Discrete Mathematics

_____ Other:

_____ Other:

Plan of Study:

_____ _____ _____ _____

_____ _____ _____ _____

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Notes:

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Substitutions:

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