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
 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):

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<th>600 Level</th>
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<th>300+ Level</th>
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* 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):

 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 (2 Units)

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 Compilers
 MA 201 Discrete Mathematics
 Other:
 Other:

Plan of Study:


Notes:


Substitutions:


