

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):

- | | |
|-------------------|------------------|
| _____ 200+ Level: | _____ 600 Level: |
| _____ 300+ Level: | _____ 600 Level: |
| _____ 300+ 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 414 Compilers |
| _____ CS 245 Data Structures and Algorithms | _____ MA 201 Discrete Mathematics |
| _____ CS 315 Computer Architecture | _____ Other: |
| _____ CS 326 Operating Systems | _____ Other: |

Plan of Study:

Notes:

Substitutions:

