### MSWS Degree Requirements

**32 Units • Effective Fall 2013**

**Web Science Foundations Core (Choose 1):**
- CS 662 Artificial Intelligence
- CS 680 Web Systems and Algorithms

**Distributed Systems Core (Choose 1):**
- CS 625 Parallel and Distributed Computing
- CS 682 Distributed Software Development

**Networks Core (Choose 1):**
- CS 621 Network Programming
- CS 685 Wireless Sensor Networks

**Project/Thesis Requirement (Choose 1):**
- CS 690 Master’s Project
- CS 699 Master’s Thesis

**Security Core (Choose 1):**
- CS 683 Computer Security and Privacy

**Elective Courses* (3 Courses, 12 Units):**
- 200+ Level:
- 300+ 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.

**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 Compilers
- MA 201 Discrete Mathematics
- Other:
- Other:

**Plan of Study:**

**Notes:**

**Substitutions:**