# MS CIS Online Prerequisite Guide

## July 2013

### CS 200 Fundamentals of Information Technology

Transition Course for Career Changers and Others with Limited Education or Experience in Information Technology

### CS 580 Health Informatics

**Prerequisite:** CS 570 Biomedical Sciences and Health IT or comparable knowledge of Health Sciences and Fundamentals of IT.

### CS 581 Electronic Health Records

**Prerequisite:** CS 570 Biomedical Sciences and Health IT or comparable knowledge of Health Sciences and Fundamentals of IT.

### CS 633 Distributed Software Development and Management

**Prerequisite:** CS 520 Information Structures OR CS 601 Web Application Development, AND CS 682 Information Systems Analysis and Design

### CS 674 Database Security

**Prerequisite:** CS 669 Database Design and Implementation for Business

### CS 695 Enterprise Information Security

**Prerequisite:** CS 625 Business Data Communications and Networks

### CS 699 Data Mining and Business Intelligence

**Prerequisite:** CS 546 Quantitative Methods for Information Systems AND CS 669 Database Design and Implementation for Business

### CS 701 Rich Internet Application Development

**Prerequisite:** CS 520 Information Structures AND CS 601 Web Application Development

### CS 779 Advanced Database Management

**Prerequisite:** CS 669 Database Design and Implementation for Business

### CS 781 Advanced Health Informatics

**Prerequisite:** CS 580 Health Informatics

### CS 783 Enterprise Architecture (formerly CS 679)

**Prerequisite:** CS 682 Information Systems Analysis and Design