1. Core Computer Science Requirements

* CMSC 131 (4) Object-Oriented Programming I
* CMSC 132 (4) Object-Oriented Programming II
* CMSC 216 (4) Introduction to Computer Systems
* CMSC 250 (4) Discrete Structures
* CMSC 330 (3) Organization of Programming Language
* CMSC 351 (3) Data Structures and Algorithms

2. Students must take 7 courses from the 400-level series

Area 1: Systems
* CMSC 411 (3) Computer Systems Architecture
* CMSC 412 (4) Operating Systems
* CMSC 414 (3) Computer and Network Security
* CMSC 417 (3) Computer Networks

Area 2: Information Processing
* CMSC 420 (3) Data Structures

Area 3: Software Engineering and Programming Languages
* CMSC 430 (3) Introduction to Compilers
* CMSC 433 (3) Programming Language Technologies and Paradigms

Area 4: Theory
* CMSC 451 (3) Design and Analysis of Computer Algorithms
* CMSC 456 (3) Cryptology

Notes 1,2: Students may take either CMSC411 or CMSC430 and CMSC420 or CMSC451.