Bachelor of Science in Computer Science
Software Design Track (effective 8/2012)

MAC 2311* Calculus I (4 credits)
Natural Science Elective See PDA/Advisor
Natural Science Elective See PDA/Advisor
COP 2210 Programming I and Lab (4 credits)
COT 3993 Discrete Structures or MAD 2104 Discrete Math
CGS 1920 Introduction To Computing (1 credit)
ENC 3249* Professional & Technical Writing for Computing

MAC 2312 Calculus II (4 credits)
PHY 2048/2048L Physics I w/Calculus (5 credits)
CDA 3103 Fundamentals of Computer Systems
COP 3337 Programming II

PHY 2049/2049L Physics II w/Calculus (5 credits)
STA 3033 Probability & Statistics

CDA 4101 Computer Organization
COT 3541 Logic for Computer Science
COP 3530 Data Structures
COP 4710 Database

CGS 3095 Technology in the Global Arena (GL)

CIS 4911 Senior Project
CEN 4010 Software Engineering I
CEN 4021 Software Engineering II
CEN 4072 Software Testing

All courses are 3 credits, except as noted.

A line indicates a prerequisite. The course above must be completed before the course below can be taken.

A diamond indicates a co-requisite. The course closer to the diamond may be taken at the same time as the co-requisite. The co-requisite is a prerequisite for any course that requires the course closer to the diamond.

A junction is where multiple prerequisites are joined.

* Prerequisites:
- ENC 3249: UCC English requirements
- MAC 2311: (MAC1140 + MAC1114) or MAC1147