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

MAC 2311  
*Calculus I  (4 credits)*

Natural Science Elective

Natural Science Elective

CGS 1920  
*Introduction To Computing  (1 credit)*

COP 2210  
*Programming I and Lab  (4 credits)*

ENC 3213*  
*Professional & Technical Writing*

COM 3110  
*Business & Professional Comm.*

**Set 1 Electives (choose two)**

MAC 2312  
*Calculus II  (4 credits)*

PHY 2048/2048L  
*Physics I w/Calculus  (5 credits)*

PHY 2049/2049L  
*Physics II w/Calculus  (5 credits)*

STA 3033  
*Probability & Statistics*

MAD 2104  
*Discrete Math*

CDA 3103  
*Fundamentals of Computer Systems*

MAD 2312  
*Calculus II  (4 credits)*

COP 2210  
*Programming I and Lab  (4 credits)*

ENC 3213*  
*Professional & Technical Writing*

COM 3110  
*Business & Professional Comm.*

**Set 2 Electives (choose one)**

COP 4226  
*Advanced Windows Programming*

CEN 4072  
*Software Testing*

MHF 4302  
*Math Logic*

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*Math Logic*

MAD 3305  
*Graph Theory*

CDA 4101  
*Computer Organization*

COT 3541  
*Logic for Computer Science*

COP 4530  
*Data Structures*

MAD 3401  
*Numerical Analysis*

MAD 4203  
*Combinatorics*

MAD 3512  
*Algorithms*

CEN 4021  
*Software Engineering II*

MAD 3512  
*Algorithms*

CEN 4010  
*Software Engineering I*

CEN 4072  
*Software Testing*

**All courses are 3 credits, except as noted**

* ENC 3213 prerequisites: complete the UCC English requirements

Updated 08/2014

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.