Bachelor of Science in Computer Science
Software Design 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.*

MAC 2312  
*Calculus II*  
(4 credits)

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

CDA 3103  
*Fundamentals of Computer Systems*

MAD 2104  
*Discrete Math*

COP 3337  
*Programming II*

CGS 3092  
*Ethics/Soc. in Computing*  
(1 credit)

STA 3033  
*Probability & Statistics*

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

CDA 4101  
*Computer Organization*

COT 3541  
*Logic for Computer Science*

ENC 3213*  
*(complete the UCC English requirements)*

COP 2204  
*Programming II*

COP 3337  
*Programming II*

CIS 3911  
*Senior Project*

COP 3337  
*Programming II*

CDA 3103  
*Fundamentals of Computer Systems*

MAD 2104  
*Discrete Math*

COP 3337  
*Programming II*

CGS 3092  
*Ethics/Soc. in Computing*  
(1 credit)

COP 2220  
*Programming II and Lab*  
(4 credits)

All courses are 3 credits, except as noted

Electives (choose one)

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.

* ENC 3213 prerequisites: complete the UCC English requirements  
Updated 08/2014