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

MAC 2311
Calculus I
(4 credits)

Natural Science Elective

Natural Science Elective

COP 2210
Programming I
and Lab
(4 credits)

MAD 2104
Discrete Math

CGS 1920
Introduction
To Computing
(1 credit)

ENC 3249*
Professional & Technical Writing

MAC 2312
Calculus II
(4 credits)

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

CDA 3103
Fundamentals
of Computer Systems

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

COP 3337
Programming II

CDA 4101
Computer Organization

COT 3541
Logic for
Computer Science

COP 3530
Data Structures

MAD 3512
Algorithms

COP 4338
Programming III

COP 4710
Database

COP 4555
Programming Languages

CEN 4010
Software
Engineering I

Natural Science Elective

Natural Science Elective

CGS 3095
Technology in the Global Arena (GL)

CS Electives
(choose three)

COP 4610
Operating Systems

CNT 4713
Net Centric Computing

CEN 4010
Software Engineering I

CIS 4911
Senior Project

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 3249 prerequisites: complete the UCC English requirements

Updated 07/2015

All courses are 3 credits, except as noted.