Bachelor of Arts in Computer Science
(effective Fall 2017)

COP 2210∗ Programming I and Lab
(4 credits)

COT3100∗ Discrete Structures

MAD 2104∗ Discrete Math

ENC 3249 or ENC3213^ Professional & Tech Writing for Comp (GRW)

MAC1147∗ Pre-Calculus Algebra

STA2023 Statistics for Business and Economics

Choice ONE course

CGS 1920 Intro to Computing (1 credit)

COP 1000 Intro to Programming

OR

IDC1000 Compst Science for Everyone

Interdisciplinary Courses

Nine additional credits must be taken outside SCIS. The nine credits
must be applicable to a minor or certificate in another discipline.
Pending advisor approval.

CS Electives: Choose 3 electives

- CAP 4104-Human Cmptr Int (Prereq:COP3337)
- CAP 4630-Artificial Intelligence (Prereq:COP3530)
- CAP 4641-Natural Language Processing (Prereq: COP3530)
- CAP 4770-Data Mining (Prereq:COP3530 & Co-Req:COP4710)
- CEN 4021-Software Engineering II (Prereq: CEN4010)
- CEN 4072-Software Testing (Prereq: COP3530)
- CEN 4083-Cloud Computing (Prereq: CNT4713 & CDA4101)
- COP 4005-Windows Programming (Prereq: COP337, Co-Req: COP4710)
- COP 4226-Advanced Windows Programming (Prereq: COP3530)
- COP 4520-Intro to Parallel Computing (Prereq: COP3530 & CDA4101)
- COP 4534-Algorithm Techniques (Prereq: COP3530)
- COP 4555-Programming Languages (Prereq: COP3530)
- COP 4604-Advanced UNIX Programming (Prereq: COP4610)
- COP 4722-Survey of Database Systems (Prereq: COP4710)
- COT 3541-Logic for Computer Science (Prereq: COP337 & COT3100/MAD2104)
- COT 4521-Intro to Computational Geometry (Prereq: COP3530)
- CTS 4408-Database Administration (Prereq: COP4710)
- MAD 3305-Graph Theory (Prereq: COP2210 & COT3100/MAD2104)
- MAD 3512-Algorithms (Prereq: COT3541)

Prerequisites:

^ ENC3249/ENC3213 prerequisites: UCC English requirements
* COT3100, MAD2104 & MAC1147 require MAC1105

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.

All courses are 3 credits, except as noted.

Rev 01/2019