Bachelor of Arts in Computer Science

Plan of Study

Freshman Year – 30 Credits

CGS 1920 - Introduction to Computing (1 credit)

MAC 1140 – Pre-Calculus Algebra (3 credits)

STA2023 – Statistics for Business and Economics (3 credits)

UCC courses (20 credits)

General Electives (3 credits)

Sophomore Year - 32 credits

COP 2210 - Computer Programming I (4 credits)

ENC3249 (3 credits)

COP3337 – Computer Programming II (3 credits)

COT3100 - Discrete Structures or MAD 2104 - Discrete Mathematics (3 credits)

Interdisciplinary Study (3 credits)

UCC Courses (10 credits)

General Electives (6 credits)

Junior Year – 30 credits

CDA 3103 - Fundamentals of Computer Systems (3 credits)

COP3530 – Data Structures (3 credits)

CGS 3095 - Technology in the Global Arena (**GL**) (3 credits)

COP 4710 – Database (3 credits)

COP 4338 - Computer Programming III (3 credits)

CDA 4101 - Structured Computer Organization (3 credits)

CNT4713 – Net Centric Computing (3 credits)

Interdisciplinary Study (3 credits)

General Electives (6 credits)

Senior Year - 28 credits

COP 4610 - Operating Systems Principles (3 credits)

CEN 4010 - Software Engineering (3 credits)

Interdisciplinary Study (3 credits)

CS Electives (9 credits)

General Electives (10 credits)

For students who are deficient in a foreign language, the general electives should include a two-semester sequence in one foreign language. Also, students are required to earn at least nine credit hours prior to graduation by attending one or more summer semesters at FIU or any other University of the Florida State University System.