BACHELOR OF SCIENCE IN COMPUTER SCIENCE with a concentration in Software Engineering
PROGRESSION FLOWCHART

FRESHMAN
- SSC 2413 Foundations Amer Exper
- SSC 2423 Development Amer Exper
- COM 1103 College Composition
- LLT 1213 World Masterpieces 1
- LLT 1223 World Masterpieces 2
- MCS 1243 Foundations of Computer Science
- MCS 1074 Precalculus*
- MCS 1111 Coding Club (1st of 2)
- MCS 2124 Statistics*
- MCS 1124 Survey of Calculus*
- MCS 2523 Discrete Math
- MCS 2124 Coding Club (2nd of 2)

SOPHOMORE
- COM 2103 Tech & Prof Communication
- MCS 2514 Computer Science 1
- MCS 2514 Computer Science 2
- MCS 2523 Discrete Math
- MCS 2534 Data Structures
- MCS 2613 Software Engineering II
- MCS 2124 Statistics*
- MCS 2523 Discrete Math
- MCS 2124 Coding Club (2nd of 2)

JUNIOR
- COM 3000 Writing Proficiency Exam
- MCS 2613 Software Engineering II
- MCS 3543 Intro to Database Systems
- MCS 3603 Java
- MCS 3663 Computer Arch & Assembler
- MCS 4663 Computer Arch & Assembler
- MCS 3603 Java
- MCS 3663 Computer Arch & Assembler
- MCS 4993 Topics in Math/CS

SENIOR
- LLT ___ 3 Jr./Sr. Elective
- MCS 4833 Senior Project
- MCS 4843 Senior Project 2
- MCS 4513 Software Quality & Proj. Mgmt.
- MCS ___ 3 Jr./Sr. General Elective
- MCS 4503 Software Quality and Testing
- MCS 4653 Theory of Computation
- MCS ___ 3 Jr./Sr. MCS Elective
- COM 4001 Pathways Capstone Lab
- COM 4001 Pathways Capstone Lab

Total: 122 credits

Name_______________________ I.D. No. ____________________

(*) Can be replaced with MCS1414 Calculus 1, MCS 1424 Calculus 2, MCS 2414 Calculus 3, and MCS 3403 Probability & Statistics;
PHY 2413 Univ Physics 1, PHY 2421 Univ Physics 1 Lab, PHY 2423 Univ Physics 2, and PHY 2431 Univ Physics 2 Lab

Modified: May 2020