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

PROGRESSION FLOWCHART

FRESHMAN

- SSC 2413 Foundations Amer Exp
- SSC 2423 Development Amer Exp

SOPHOMORE

- COM 1103 College Composition
- LLT 1213 World Masterpieces 1
- LLT 1223 World Masterpieces 2

JUNIOR

- MCS 1243 Foundations of Computer Science
- MCS 1224 Survey of Calculus*
- MCS 2523 Discrete Math
- MCS 2514 Computer Science 1
- MCS 2513 Software Engineering I
- MCS 2514 Computer Science 2
- MCS 2524 Data Structures
- MCS 2613 Software Engineering II
- MCS 3663 Computer Arch & Assembler
- MCS 3603 Java
- MCS 3663 Operating Systems
- MCS 4663 Computer Networks
- MCS 4613 Operating Systems
- MCS 4643 Comparative Prog Lang
- MCS 4653 Theory of Computation
- MCS 4993 Topics in Math /CS

SENIOR

- MCS 1074 Precalculus*
- MCS 1111 Coding Club (1st of 2)
- MCS 2124 Statistics*
- MCS 2124 Coding Club (2nd of 2)
- _ _ _ 3 Natural Science 1*
- _ _ _ 3 Natural Science 2*
- _ _ _ 3 Natural Science 3
- _ _ _ 3 Jr./Sr. Elective
- _ _ _ 3 Jr./Sr. Elective
- _ _ _ 3 Jr./Sr. Elective
- _ _ _ 3 Jr./Sr. Elective
- _ _ _ 3 Jr./Sr. Elective
- _ _ _ 3 Jr./Sr. Elective
- _ _ _ 3 Jr./Sr. Elective
- _ _ _ 3 Jr./Sr. Elective
- _ _ _ 3 Jr./Sr. Elective

Total: 122 credits

(*) 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: November 2020