Computer Science Program
Catalog 2017/2018 – 120 Hours

NOTE: This flow chart is provided as a guide; the catalog is the only definitive source of requirements.

Mathematics – 17 hours
MAC 2281 (4 hrs) Engineering Calculus I
MAC 2282 (4 hrs) Engineering Calculus II
EGN 4450 (2 hrs) Intro to Linear Systems
MAC 2283 (4 hrs) Engineering Calculus III
EGN 3443 (3 hrs) Prob and Statistics for Engineers

Science – 14 hours
FKL Natural Sciences Electives (6 hrs)
PHY 2048/2048L Physics I w/ Lab (4 hrs)
PHY 2049/2049L Physics II w/ Lab (4 hrs)

EGN 3000/3000L (1 hr) Foundations of Engineering

English – 6 Hours
ENC 1101 (3 hrs) Composition I
ENC 1102 (3 hrs) Composition II

FKL exit requirements
CIS 4250 (3 hrs – FKL capstone) Ethical Issues and Professional Conduct (Senior Standing in Department)
ENC 3246 (3 hrs) Communications for Engineers

FKL exit requirements
CDA 3103 (3 hrs) Computer Organization
COP 3514 (3 hrs) Program Design
COT 3100 (3 hrs) Discrete Structures

Industry internship
An industry internship is recommended for the third summer. Credit can be earned as CIS 4940 Industry Internship. See the Department Advisor for more information.

Notes
1) Unless otherwise stated, the minimum acceptable grade in all BSCS required math, science, and engineering courses is a C or higher (C- is insufficient). The minimum acceptable grade in specialization courses is a C-, except as stated in the program admission and continuation requirements in the catalog. See the undergraduate catalog.
2) A student may substitute a second "Physical Science" course for the required "Life Science" course. See the undergraduate catalog.
3) COP 4530 is the minimum prerequisite for most software electives, some software electives have COP 3331 as the prerequisite. CDA 3201 with lab is the minimum prerequisite for most hardware electives. COP 4530 and COT 3100 are the minimum prerequisites for theory electives. See the undergraduate catalog.

Note: Department website lists elective courses by category. Should also consult with Department advisor.