Requires a 3.30 GPA in Calculus I & II, Physics I & II with Labs, and Composition I & II for continuation. All grades "C" or better ("C-" is not acceptable). No more than two courses in the Department pre-continuation.

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

Science – 14 hours
- Nat Sci Elec (3 hrs)
- PHY 2048/2048L Physics I w/ Lab (4 hrs)
- PHY 2049/2049L Physics II w/ Lab (4 hrs)

EGN 3000/3000L (3 hrs) Foundations of Engineering

COP 2510 (3 hrs) Programming Concepts

Co-prereq
CDA 3103 (3 hrs) Computer Organization
COP 3514 (3 hrs) Program Design

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

Sciene – 14 hours
- Nat Sci Elec (3 hrs)
- Foundations of Engineering

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

Additional requirements
- Gen Ed Social Science (3 hrs)
- Gen Ed Humanities (3 hrs)
- Gen Ed Human and Cultural Diversity in GC (3 hrs)
- ENC 3246 Communication for Engineers (3 hrs)
- Foreign Lang (8 hrs or 2 years high school)

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.
4) The maximum number of credit hours for CIS 4900, CIS 4915, and CIS 4940 in any combination is 6 credit hours.

General Electives (9 hrs)

General Electives (9 hrs)

CSE Electives (9 hrs)

CSE Software Electives (6 hrs)

CSE Theory Elective (3 hrs)

Version 1.00 (Christensen – May 14, 2020)