B.S. in Computer Science

Fall

GNEG 1111
Intro to
Engineering I

MATH 2554
Calculus I
(Gen Ed 2.1)

History
Elective
(Gen Ed 3.2
and 4.2)

CHEM 1103
Chemistry I

ENGL 1013
Composition I
(Gen Ed 1.1)

Spring

GNEG 1121
Intro to
Engineering II

MATH 2564
Calculus II

PHYS 2054
Physics I
(Gen Ed 3.4)

Freshman
Science Elective
(Gen Ed 3.4)

ENGL 1033
Technical
Composition II
(Gen Ed 1.2)

Fall

CSCE 2004
Programming
Foundations I

CSCE 2114
Digital Design

MATH 2603
Discrete Math

Fine Arts
Elective
(Gen Ed 3.1)

Social Sciences
Elective
(Gen Ed 3.3
and 4.1)

Spring

CSCE 2014
Programming
Foundations II

CSCE 2214
Computer
Organization

MATH 3083
Linear Algebra
or MATH 3093

Social Sciences
Elective
(Gen Ed 3.3)

Fall

CSCE 3193
Programming
Paradigms

CSCE 3613
Operating
Systems

General Elective

PHIL 3103
Ethics and the
Professions
(Gen Ed 5.1)

INEG 3313
Engineering
Probability and
Statistics

Spring

CSCE 3513
Software
Engineering
(Gen Ed 6.1)

CSCE 4523
Database
Management

CSCE Elective
(4000 level)

MATH 3103
Combinatorics

COMM 1313
Public
Speaking
(Gen Ed 1.2)

Fall

CSCE 4561
Capstone I

CSCE 4133
Algorithms

CSCE 4753
Computer
Networks

CSCE Elective
(4000 level)

General Elective

General Elective

Spring

CSCE 4963
Capstone II

CSCE 4323
Formal
Languages

CSCE Elective
(4000 level)

Social Sciences
Elective
(Gen Ed 3.3)

General Elective

Prerequisite ⟶   Corequisite ⟶   Fall 2022, ver. 1.1