Prerequisite Flowchart for the BS in Computer Science

PRE-CALC
MATH 1011 or MATH 1012 or (MATH 1021 and MATH 1026)
Some students may first need MATH 1006
Some students may skip this and be placed directly into MATH 1201

INTRO JAVA
(CISC 1115)
CISC 1170 for students who have transferred another programming language

ENGLISH 2
(ENGL 1012)
Some students may need ENGL 1010

CALC 1
(MATH 1201)

CALC 2
(MATH 1206)

DISCRETE STRUCTURES
(CISC 2210)

ARCHITECTURE
(CISC 3310)

MODERN TECHNIQUES
(CISC 3115)

DATA STRUCTURES
(CISC 3130)

PROJECT
(CISC 4900 
-or- 
CISC 5001)

ALGORITHMS
(CISC 3220)
-or-
THEORY
(CISC 3230)

OPERATING SYSTEMS
(CISC 3320)

PROGRAMMING PARADIGMS
In C++
(CISC 3142)

WEB APPS
(CISC 3140)

THREE ADDITIONAL ADVANCED CIS ELECTIVES
Between CISC 3000 and CISC 4899

STATS
(MATH 2501
-or-
MATH 3501)
MATH 3501 has MATH 2201 as a prerequisite.

An arrow indicates a prerequisite. A dotted arrow means that only some of the courses in the box have the indicated prerequisite.