BSCS Sample 4-year Schedule
Student Places in Calculus I; begins major courses in first year, first semester.

Freshman year: Fall 14-15 credits (7-8 core, 4 major, 4 math/sci)	**Freshman year: Spring** 15 credits (4 major, 7 math/sci, 4 core)
*FYS 101 (3cr) CS 201 CS I (4cr) *Math 201 Calculus I (4cr) *ENGL Comp 1xx (3-4cr depending on placement) *PE (1cr)	*Methods of Inquiry: (3cr) CS 202 CS II (4cr) Math 202 Calculus II (4cr) Math 207 Discrete Math (3cr) *PE (1cr)
Sophomore year: Fall 14 credits (7 core, 3 major, 4 math/sci)	**Sophomore year: Spring** 17 credits (7 core, 6 major, 4 math/sci)
CS 219 Data Structures (3cr) *For Lang 101 (4cr) *Lab Science I (4cr) *Methods of Inquiry: (3cr)	CS 226 Computer Organization (3cr) CS 319 Algorithm Analysis (3cr) *For Lang 102 (4cr) *Lab Science II (4cr) *Methods of Inquiry: (3cr)
Junior year: Fall 17 credits (9 major, 8 math/sci)	**Junior year: Spring** 16 credits (6 core, 6 major, 4 math/sci)
CS 324 Software Engineering (3cr) CS 471 Programming Languages (3cr) CS Elective (3cr) Math 213 Statistics or other 200+ Math (4cr) Free Elective (3cr)	CS 329 DBMS (3cr) CS 464 Operating Systems (3cr) *Methods of Inquiry: (3cr) *Methods of Inquiry: (3cr) Free Elective (3cr)
Senior year: Fall 15 credits (15 major)	**Senior year: Spring** 15-16 credits (3 major, 12 elective)
CS 474 Capstone Proseminar (3cr) CS Elective (3cr) *CSIT 302 Impact of Computers on Society (3cr) CS 399 Internship (6cr)	CS 475 Senior Project (3cr) Free Elective (3-4cr) Free Elective (3cr) Free Elective (3cr) Free Elective (3cr)

*Meet core requirements.

Notes:

- Free Electives may be Honors program courses, a minor, additional major courses, or another subject of interest.
- There is some flexibility for interchanging the scheduling of Methods of Inquiry and Free Elective courses, but it's best not to leave too many requirements until the end.
- 124 total credits required for graduation, so the student who takes the 3-credit English Composition will need to pick up an additional credit along the way.

BSCS Sample 4-year Schedule
Mathematics placement in Precalculus or Precalc + Lab. Begin major courses in the second semester

Freshman year: Fall 14-15 credits (11 core, 0 major, 3-4 elective)	**Freshman year: Spring** 15-16 credits (8-9 core, 4 major, 3 math/sci)
*FYS 101 (3cr) Math 120 Precalculus (3cr) OR Math 120 + Math 120L (4cr) *For Lang 101 (4cr) *Methods of Inquiry: (3 cr) *PE (1cr)	*ENGL 1xx (3-4cr, depending on placement) CS 201 Computer Science I (4cr) Math 207 Discrete Math (3cr) *For Lang 102 (4cr) *PE (1cr)
Sophomore year: Fall 15 credits (3 core, 4 major, 8 math/sci)	**Sophomore year: Spring** 17 credits (3 core, 6 major, 8 math/sci)
CS 202 CS II (4cr) *Math 201 Calculus I (4cr) *Lab Science I (4cr) *Methods of Inquiry: (3cr)	CS 226 Computer Organization (3cr) CS 219 Data Structures (3cr) Math 202 Calculus II (4cr) *Lab Science II (4cr) *Methods of Inquiry: (3cr)
Junior year: Fall 16 credits (3 core, 6 major, 7 math/sci)	**Junior year: Spring** 15 credits (3 Core, 9 major, 3 elective)
CS 324 Software Engineering (3cr) CS Elective (3cr) Math 213 Statistics or other 200+ Math (4cr) *Methods of Inquiry: (3cr) Free Elective (3cr)	CS 319 Algorithms (3cr) CS 329 DBMS (3cr) CS Elective (3cr) *Methods of Inquiry: (3cr) Free Elective (3cr)
Senior year: Fall 15 credits (3 core, 9 major, 3 elective)	**Senior year: Spring** 15-18 credits (15 major, 3 elective)
CS 471 Programming Languages (3cr) CS 474 Capstone Proseminar (3cr) *CSIT 302 Impac15t of Computers on Society (3cr) Free Elective (3cr) Free Elective (3cr)	CS 464 Operating Systems (3cr) CS 475 Senior Project (3cr) CS Elective (3cr) CS 399 Internship (6cr) Free Elective (3cr) [if needed for total credits]

*Meet core requirements.

Notes:

- Free Electives may be Honors program courses, a minor, additional major courses, or another subject of interest.
- There is some flexibility for interchanging the scheduling of Methods of Inquiry and Free Elective courses, but it is best not to leave too many requirements until the end.
- 124 total credits required for graduation, so the student who takes the 3-credit English Composition and/or Math 120 without the additional lab will need to pick up an additional credit or two along the way.