Navigating the Computer Science Major

One of...
- 101 Computing Age
- 150 Comp. for Sci.
- 190 Models and Sim.

OR

All of...
- 200 Math Foundations
- 201 Data Structures
- 301 Theory of Comp
- 302 Algorithms
- 202 Comp Arch

Two of...
- 311 AI
- 312 Soft. Devel.
- 313 Prog. Lang.
- 314 OS

Two more 300+ or MATH 200 or MATH 228
- 390 Spatial Modeling
- 458 Info Retrieval
- 465 Infovis
- 441 Adv. Algorithms
- 451 Mach. Learning
- 457 NLP
- 463 Cryptology
- 431 Networks
- 433 Compilers
- 453 Comp. Vision
- 461 Comp. Graphics

Senior Seminar [702 is optional]
- 701 Senior Seminar
- 702 Senior Thesis

Key
- pre-requisite
- co-requisite
- minor
- interdisciplinary track
- spatial focus
- m
- i
- s

Interdisciplinary track

For the spatial and geometric focus, CSCI 0190 is recommended at the 100-level, and the five electives must include: two CSCI electives numbered 0300 or above, one of which from CSCI 0390, CSCI 0425, CSCI 0453, CSCI 0461, or CSCI 0465; two interdisciplinary electives from the following list and from the same discipline: MATH 0200, MATH 0335, GEOG 0120, any GEOG course with GIS focus at the 0300 level, HARC 0130, and HARC 0231; and one additional interdisciplinary or CSCI elective.

For the scientific computation focus, CSCI 0150 is recommended at the 0100-level, and the five electives must include: two CSCI electives numbered 0300 or above; two interdisciplinary electives from the following list: PHYS 0212, PHYS 0220, PHYS 0221, MBBC 0324, and at most one statistics course among BIOL 0211, MATH 0116, PSYC 0201, ECON 0210, or MATH 0311; and one additional elective from the preceding list of science courses, from MATH 0200 or MATH 0228, or from any CSCI courses numbered 0300 or above.