Area F Guidelines: Computer Science

Eighteen (18) semester hours in lower division (1000- or 2000- level) courses related to Computer Science and/or prerequisite to higher level courses.

REQUIRED:	
Computer Science CS 1300 – 1302 or institutional equivalent	6 – 8 hours
Advanced Mathematics --- Required completion of Calculus I or Applied Calculus Could be Discrete/Finite Mathematics or other computing-relevant mathematics beyond Algebra and Trigonometry if meets institutional needs. (Note: One semester hour of [excess] credit for an Area D course may count in Area F.)	1 – 8 hours
PROGRAM SPECIFIC ELECTIVES:	
Recommended: Computer Science CS2XXX or institutional equivalent to show depth	2 – 8 hours
Other electives selected from computer science, lab sciences for science/math majors, ethics, and math and statistics (excluding Area A courses in college algebra and math modeling)	2 – 10 hours
Total	18 hours

Requirements are consistent with both the computer-science standards of ABET, the accepted accreditation body for computer-science programs, and the model curricula from ACM, the computer-science professional/academic organization.

(Area F Computer Science Guidelines Revised as of RACAA Vote, April 2014)