

REQUIREMENTS FOR BACHELOR OF SCIENCE IN COMPUTER SCIENCE

*for students matriculated **Fall 2021** or after*

To receive the BS degree in computer science, the student must earn a minimum of 126

Supplemental information regarding the BSCS Degree Requirements

The following information supplements that provided in the University Bulletin. It applies to students who matriculated Fall 2016 or after.

All required Computer Science courses, except CS 101, are offered every semester. The minimum grade in a required Computer Science course must be at least a C- to be allowed to take any Computer Science course, for which it is a prerequisite.

Calculus Topics are broken down as follows:

MATH 224. Differential Calculus

MATH 225. Integral Calculus

MATH 226. Integration Techniques and Applications

MATH 227. Infinite Series

Humanities/Social Science May be filled by courses offered by the Division of Humanities, the Division of Social Sciences, the Psychology Department and HDEV courses offered by the College of Community and Public Affairs. Many of the courses taken to meet the General Education requirements will fulfill the Humanities/Social Science requirement.

Mathematics - Students who are strong in math are encouraged to take MATH 330 (Number Systems) instead of MATH 314 (Discrete Mathematics). Students with a strong math background may take MATH 381 (Graph Theory) as their Math elective. The following Binghamton University course can be substituted for MATH 327: MATH 448 (Introduction to Probability and Statistics II), which has a prerequisite of MATH 323 and MATH 447.

Free Electives May be filled by extra courses from any of the areas listed above, SOM courses, or additional Computer Science courses. A maximum of 2 HWS credits may be counted as Free Elective credits. At least four of 10 if 2 HWS