

Starting from catalog year 2020 Fall

CS Major Requirements:

General Option

The major in computer science requires a minimum of **53** semester hours. To be admitted to the computer science major, students must complete **CS 180, CS 290, and CS 331** with grades of C or better. In addition, all CS courses counting toward the CS program major must be completed with a grade of “C” or better. Computer Science electives may include from 0-3 hours of 200-level courses. Students must adhere to all University Policies as indicated in the WKU catalog section “Academic Information.” Additional requirements are as follows:

General Option

Requirements:

CS 180 Computer Science I	4
CS 290 Computer Science II	4
CS 331 Computer Science III	3
CS 325 Computer Organization and Architecture	3
CS 339 Discrete Structures	3
CS 351 Database Management Systems I	3
CS 360 Software Engineering	3
CS 382 Programming Languages	3
CS 396 Intermediate Software Project	3
CS 421 Data Structures and Algorithm Analysis	3
CS 425 Operating Systems I	3
CS 496 Senior Project and Professional Practice	3
CS Elective* 200-level or above (excluding CS 226 and 257)	3
CS Elective* 300-level or above	6
CS Elective* 400-level or above	3
STAT 301	3
Technical Course Total	53

Other requirements:

MATH 136 Calculus I	4
ENG 307 Technical Writing	3

CS Elective*

At most 1.5 hours of credit for CS 239 may count towards the major. At most 3 hours of credit for CS 239 and 245 (only for languages for which credit is not received through another course) may count towards the major.