What courses should I take in high school, in order to prepare me for Computer Science?

Take all the science, mathematics, and English you can. Strong mathematics skills are crucial for Computer Science majors, particularly during the first two years. New majors tend to struggle the most with weaknesses related to math. Clear writing is important to computer science since most software is developed by groups of software engineers. Computer scientists devote considerable effort to writing in the form of specification documents, progress reports, user documents and internal communications arguing the pros and cons of alternative designs and approaches.[\n]

[extend]Computer programming courses are also useful. In particular, AP Computer Science prepares you for the CS major, and you can also earn 4 credits toward your degree. Transfer students should have taken at least one Calculus course and one computer programming course (preferably Java, if available, or C++). Prospective students planning to enter our program may also want to familiarize themselves with the Linux operating system, which is the primary OS used by most computer science programs.[\n][/extend]