

Computer Science - Associate in Science Degree Pathway¹



The following table sets out recommended courses to earn an associate degree at Waubonsee and transfer on to become a computer science major at a four-year school. Courses are mapped to the requirements of the general Associate in Arts and/or Associate in Science degrees, complete with categories noted in bold and credit hours noted in parentheses. To see the full list of degree requirements and course options, visit waubonsee.edu/transfer

1 st Semester	2 nd Semester
<ul style="list-style-type: none"> ○ ENG 101 – First-Year Composition I <i>with or without ENG 099</i> (3)² ○ MTH 131 – Calculus with Analytic Geometry (4)² ○ BIO 100 – Introduction to Biology⁴ <u>OR</u> BIO 110 – Environmental Biology (3)⁴ ○ CIS 115 – Introduction to Programming (3)⁴ ○ IAI Social Behavioral <i>other than ECN</i> (3)^{3,4} <p>Total Credits = 16-17</p>	<ul style="list-style-type: none"> ○ ENG 102 - First-Year Composition II (3) ○ MTH 132 – Calculus with Analytic Geometry I (4)⁴ ○ CIS 130 – C++ Programming (3)⁴ <u>OR</u> CIS 150 – Java Programming (3)⁴ ○ CHM 121 – General Chemistry ^{2,4} <u>OR</u> PHY 221 – General Physics I (4)^{2,4} <p>Total Credits = 14-15</p>
3 rd Semester	4 th Semester
<ul style="list-style-type: none"> ○ COM 100 - Fundamentals of Speech Communication (3) ○ IAI Fine Arts (3)³ ○ CHM 122 – Chemistry and Qualitative Analysis <u>OR</u> PHY 222 – General Physics II (4)⁴ ○ CIS 130 – C++ Programming (3)⁴ <u>OR</u> CIS 150 – Java Programming (3)⁴ ○ Major/elective course (3)⁴ <p>Total Credits = 16-17</p>	<ul style="list-style-type: none"> ○ CIS 230 – Advanced C++ (3)⁴ <u>OR</u> CIS 250 – C++ Programming (3)⁴ ○ ECN 201- Principles of Economics-Microeconomics <u>OR</u> ECN 202 - Principles of Economics-Macroeconomics (3)^{3,4} ○ Major/elective course (3)⁴ ○ Major/elective course (3)⁴ ○ IAI Humanities (3)³ <p>Total Credits = 15</p>

1. Certain colleges have specific requirements. Please see a Counselor or Advisor for detailed requirements.
2. Take your placement test and work with a counselor as certain colleges have specific requirements.
3. At least one course from Social and Behavioral Science or Humanities and Fine Arts must meet the Non-Western/Diversity requirement.
4. Please see a Counselor or Advisor for detailed requirements.

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