

Math- Associate in Science Degree –

Transfer Degree Pathway¹



WAUBONSEE
COMMUNITY COLLEGE

The following table sets out recommended courses to earn an associate degree at Waubonsee and transfer on to become a math 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

Please meet with a counselor for Math-Secondary Education (grades 9-12)

<p style="text-align: center;">1st Semester</p> <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 ○ ECN 201 – Principles of Economics-Microeconomics (3) <u>OR</u> ECN 202 Principles of Economics-Macroeconomics (3)^{3,4} ○ BIO 100 – Introduction to Biology (3) <u>OR</u> BIO 110 – Environmental Biology (3) ○ CIS 115 – Introduction to Programming (3)⁴ <p>Total Credits = 16 - 17</p>	<p style="text-align: center;">2nd Semester</p> <ul style="list-style-type: none"> ○ ENG 102 – First-Year Composition II (3) ○ COM 100 - Fundamentals of Speech Communication (3) ○ MTH 132 – Calculus with Analytic Geometry II (4)² ○ PHY 221 – General Physics I (5) <p>Total Credits = 15</p>
<p style="text-align: center;">3rd Semester</p> <ul style="list-style-type: none"> ○ Fine Arts course (3)³ ○ MTH 233 - Calculus with Analytic Geometry III (4)⁴ ○ CIS 130 – C++ Programming <u>OR</u> CIS 150 – Java Programming (3)⁴ ○ Major/elective course (3) ○ Physical OR Life Science course (3) <p>Total Credits = 16</p>	<p style="text-align: center;">4th Semester</p> <ul style="list-style-type: none"> ○ HUM 102 – The Global Village (3)³ ○ PSC100 – Introduction to American Government <u>(3)</u> <u>OR</u> GEO 120 – World Regional Geography (3)^{3,4} ○ MTH 236 – Introduction to Linear Algebra (3)⁴ ○ MTH 240 – Differential Equations (3)⁴ ○ Major/elective course (3)⁴ <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.