



Suggested Schedule to Earn an Associate Degree

The suggested schedule below meets the requirements to earn an Associate in Arts degree with an emphasis in Math. If classes listed below don't fit your schedule or interests you can take alternate classes! Visit this website for instructions: www.southseattle.edu/pathway-map-help.

Year One

Quarter One

Credits

- MATH&141: Pre-Calculus I 5
- ENGL&101: English Composition I 5
- CSC&110: Introduction to Computer Programming. 5

Quarter Two

- MATH&142: Pre-Calculus II..... 5
- ECON&201: Microeconomics 5
- CSC&142: Computer Programming I..... 5

Quarter Three

- MATH&151: Calculus I 5
- ECON&202: Macroeconomics 5
- CMST&101: Intro to Communication **-or-**
CMST&220: Public Speaking 5

Year Two

Quarter Four

Credits

- MATH&152: Calculus II..... 5
- PHYS&221: Engineering Physics I 5
- MATH&146: Introduction to Statistics..... 5

Quarter Five

- MATH&163: Calculus III..... 5
- PHYS&222: Engineering Physics II 5
- MATH&220: Linear Algebra..... 5

Quarter Six

- MATH&238: Differential Equations..... 5
- MATH&224: Vector Calculus 5
- PHYS&223: Engineering Physics III..... 5

Total Credits Required: 90

To Do List

Quarter 1

- Make an Ed Plan with an advisor
- Get involved on campus thru Student Life
- Tour the MySouth student portal

Quarter 2

- Apply for free money with FAFSA or WASFA
- Attend a transfer fair and research options

Quarter 3

- Attend your major's info sessions at transfer institution
- Attend a resume workshop

Quarter 4

- Update your Ed Plan with an advisor
- Attend transfer events, including personal statement workshops

Quarter 5

- Apply to your transfer school
- Re-apply for FAFSA or WASFA if transferring

Quarter 6

- Apply for Associate degree from South
- Order cap and gown; attend graduation!

Pathway: Math



About the Math Pathway

Do you love working with numbers? Do you love the fact that numbers in themselves are a whole other language? Want to spend your day problem-solving and working with others? If so, being a math major might be perfect for you.

This pathway is designed to meet Associate in Arts degree requirements with an emphasis in Math. This pre-major pathway is designed to prepare you to transfer at the junior-level into an mathematics or related program at a four-year college or university.

In this program, you'll learn how to use mathematical concepts to break down complicated problems into manageable pieces. You'll build creative, exploratory, and lateral thinking in problem-solving as well as strong reasoning and analytical-thinking skills through math courses ranging from basic arithmetic to differential equations.

Math skills are in high demand by today's employers. Whether you want to work in banking, economics, business or education, a strong background in mathematics can prepare you for a variety of challenging career opportunities.

Length of Program

90 credits = 6 quarters if you take 15 credits* each term.

**Students who take 15 credits each quarter earn their degree faster, qualify for more financial aid, and earn more money over their lifetime because they complete their schooling faster.*

Which Quarter Can I Begin?

Fall, Winter, Spring, or Summer.

Class Times/Delivery Format?

Classes and labs are offered M-TH (2 days or 4 days a week) from 8am-4pm and in the evenings. We offer on-campus, online, or hybrid (part on-campus, part online) formats.

Career Opportunities

- Cryptographer
- Mathematician
- Actuary
- Financial Planner
- Investment Analyst
- Statistician
- Operations Research Analyst
- Budget Analyst
- Math Teacher
- Insurance Underwriter
- Purchasing Agent
- Cost Estimator
- Fraud Investigator
- Data Analyst
- Mathematics Modeling

A bachelor's or higher degree may be required for some careers listed above. For current employment and wage estimates, please visit the Math program page on South's website.

Future Education Opportunities

Once you complete this Associate degree, additional education opportunities include:

- A bachelor's degree in mathematics or a related field at a four-year college or university.
- [A Bachelor of Applied Science \(BAS\)](#) degree at one of the Seattle Colleges.

Program and admissions requirements vary from college to college. Contact an advisor to create an educational plan tailored to transfer to the institution of your choice.

Approximate Costs Each Quarter

Tuition*\$1550
Books, supplies, and miscellaneous fees \$200

**Tuition based on WA resident rates. Rates for international students and non-residents may vary.*

Apply for Financial Aid

Did you know that the average student at South spends 3 hours applying for financial aid and gets more than \$4000 per year?

Visit www.southseattle.edu/financial-aid/ to apply for financial aid, including grants and scholarships you don't have to pay back.

Find Out More

(206) 934-5387 • AdvisorSouth@SeattleColleges.edu • RSB 11