

## Pathway: **Math**

### Area of Study: **Science, Technology, Engineering, and Math**



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#### Overview

This pathway meets requirements for the Associate of Science - Transfer with a concentration in Math. Completion of this degree opens doors to a variety of careers in fields such as mathematical instruction and research, technology, engineering, finance, and quantitative sciences. It also allows you to transfer into a math or related major at a four-year college or university. (Read program QR code to see more)

#### Estimated Length of Completion

Degree: Associate of Science - Transfer (LASDTAS)  
6 quarters, Full time

#### Career Opportunities

A math pathway can lead to various career opportunities. Examples include:

- Mathematician
- Financial analyst
- Data analyst
- Actuary
- Statistician
- Data scientist
- Math teacher
- Logistician
- Operations analyst
- Computer or electrical engineer
- Computat ...(Read program QR code to see more)



#### Future Education

Once you complete the AS degree, additional education opportunities include:

- Bachelor's degree in math, statistics, data science, engineering, physics, economics, finance or related field.
- [Bachelor of Applied Science \(BAS\)](#) degree at one of the Seattle Colleges.

North Seattle College has direct transfer agreements with four-year institutions throughout Washington state, including the University of Washington, Washington State University, and Seattle University. Math graduates from North have also transferred to out-of-state institutions. Program and admissions requirements vary from college-to-college. For example, the University of Washington requires two quarters of world language for admission, three quarters to graduate. Contact an advisor to create an educational plan tailored to transfer to the institution of your choice. You can use the College Navigator search engine found at <http://nces.ed.gov/collegenavigator> to find Math programs in Washington state or around the country.



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#### Get Started

**Step 1:** Apply and register at North Seattle College anytime (the application is always free). Once you become a student, register for classes using the online class schedule and go to the academic calendar for registration dates and tuition deadlines.

**Step 2:** See an advisor to create a personalized educational plan by the end of your second quarter. Your plan will include prerequisites, graduation requirements, and transfer preparation if you plan to transfer to another college or university to earn a bachelor's degree.

#### Tuition and Fees

Learn more about the [estimated cost of attendance and general fees to attend college](#).

#### Financial Aid and Funding Resources

It's time to apply for Financial Aid for next year by completing either the [FAFSA](#) or the [WASFA](#) 2024-25.

#### Need help paying for college?

To apply for financial aid, including grants and scholarships you don't have to pay back, visit [North's Financial Aid Department](#) for details. Part-time and full-time students can qualify for financial aid funds.

#### Program Contact

##### Department Coordinator

[Sam Wilson](#)  
[email](#)

(206) 934-7023

##### Math & Science Division

##### Location

IB 2429

##### Division Contacts

(206) 934-3746

(206) 934-3748 (fax)

##### Mailing Address

NSC Math & Science Division  
9600 College Way N  
3N2429  
Seattle, WA 98103

##### Dean

[Vashti Bryant](#)

#### Advising Contact

Contact the [Science, Technology, Engineering, and Mathematics Area of Study advisor](#).

Phone: (206) 934-3658



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### Before Quarter One

- [Pre-College or Transitional Studies Math](#) (if needed)
- [Pre-College or Transitional Studies English](#) (if needed)
- Apply for [Financial Aid](#) and other funding before your first quarter. Visit the [Financial Aid Office](#) to explore how to pay for college.
- [Transfer previous college credits](#) to North if applicable.
- Attend [New Student Orientation](#).
- [Explore placement options](#): take the [math](#) and [English](#) placement tool if needed.
- Make an informed choice on the [number of units to take each quarter](#).
- F-1 international students must enroll full time (12+ units) each quarter and check in with the [International Programs office](#) before the start of the quarter if enrolling in less than 12 units and/or before starting any work or volunteer experience.
- If you need academic accommodations for a documented disability, please contact [Disability Services](#).

A sample schedule and quarterly to-do list are below. The schedule and to-do list will help you explore courses and complete tasks on time. The guide assumes a fall quarter start, but you can begin in any quarter.

### Sample Schedule

This is an example of a quarterly schedule:

#### Quarter 1

- MATH&141 Precalculus I (5 units)
- ENGL&101 English Composition I (5 units)
- ANTH&206 or ENVS&100 or  
Individuals/Cultures/Societies (5 units)

#### Quarter 2

- MATH&142 Precalculus II (5 units)
- ENGL&102 Composition II (5 units)
- ECON&202 or Individuals/Cultures/Societies and  
Global Studies (5 units)

#### Quarter 3

- MATH&151 Calculus I (5 units)
- CSC110 Intro To Cmptr Progming (5 units)
- Visual, Literary and Perf Arts (5 units)

#### Quarter 4

- MATH&152 Calculus II (5 units)
- CHEM&110 or BIOL&100 or Natural World Lab  
Science (5 units)
- World Language I or another Visual, Literary, and  
Performing Arts class (5 units)

#### Quarter 5

- MATH&163 Calculus 3 (5 units)
- Visual, Literary and Perf Arts (5 units)
- PHYS&114 or Natural World Lab Science (5 units)

#### Quarter 6

- MATH220 or MATH224 or MATH238 (5 units)
- Individuals/Cultures/Societies (5 units)



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### Sample Quarterly To-Do List

This is an example of a quarterly to-do list:

#### Quarter 1

- Schedule an appointment with your assigned advisor in [Starfish](#) to meet and discuss your goals. Learn more about Starfish [here](#).
- Explore careers and majors through workshops, [counseling](#) and [career services](#).
- Come to the [Library](#) to get help with research; check out resources; access computers and study space; and create media projects.
- Visit the [Student Learning Center](#) to learn about tutoring services offered in-person and online.
- Check out [campus life: Student Clubs and Affinity Groups](#), [TRIO](#), [Equity & Welcome Center](#), [Wellness Center](#), etc.
- Apply to [LSAMP](#).
- Join the [American Math Association of Two Year Colleges \(AMATYC\)](#) math student competition

#### Quarter 2

- Create an [educational plan](#) with your [assigned advisor](#).
- Apply for [financial aid](#) for the upcoming academic year in Winter or Spring quarter to maximize your funding options.
- Research and develop a list of four-year colleges and universities.
- Attend [transfer events](#) at North and universities of interest.
- Visit [North's Transfer webpage](#) for transfer information.

#### Quarter 3

- Update your educational plan and confirm your program of study with your [assigned advisor](#).
- Visit potential universities and determine application deadlines.
- Apply for the [Seattle Colleges Foundation Scholarship](#) and [other scholarships](#).
- Consider [Student Leadership positions](#) and other [on-campus jobs](#).
- Explore summer course offerings from your second year classes.

#### Quarter 4

- Update your educational plan with your [assigned advisor](#).
- Contact Math departments at potential universities.
- Write your personal statement for university applications.
- Attend transfer fair and workshops.
- Plan which 200 level math classes to take with your transfer advisor.
- Join the [American Math Association of Two Year Colleges](#) math student competition.



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**Quarter 5**

- Update your educational plan with your [assigned advisor](#).
- Apply for [financial aid](#) for the upcoming academic year in Winter or Spring quarter to maximize your funding options.
- Apply to universities or colleges and scholarships.
- [Apply](#) for the [Associate of Science - Direct Transfer Agreement \(AS-DTA\)](#) degree in ctcLink. Check with your assigned advisor to be sure you are meeting degree requirements.
- Explore possible internships in math or related fields.

**Quarter 6**

- Check in with university for transfer plan.
- Order cap and gown for commencement and join [alumni association](#).
- Attend on-campus graduation fair and commencement ceremony.



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