



**Suggested Schedule to Earn an Associate Degree**

The suggested schedule below meets the requirements to earn an Associate in Science (AS) Track 1 degree with an emphasis in Biology. 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](http://www.southseattle.edu/pathway-map-help).

**Year One**

**Quarter One**

Credits

- MATH&146: Intro to Statistics ..... 5
- BIOL&100: Survey of Biology **-or-**  
BIOL&160: General Biology ..... 5
- CMST&101: Intro to Communication **-or-**  
CMST&220: Public Speaking **-or-** ART 111: Drawing .. 5

**Quarter Two**

- ENGL&101: English Composition I ..... 5
- MATH&151: Calculus I ..... 5
- SOC&101: Intro to Sociology **-or-**  
PSYC&100: General Psychology ..... 5

**Quarter Three**

- MATH&152: Calculus II..... 5
- CHEM&139: General Chemistry Prep ..... 5
- ENGL&235: Technical Writing **-or-**  
CSC&110: Intro to Comp Programming..... 5

**Year Two**

**Quarter Four**

Credits

- BIOL&211: Major's Cell..... 5
- CHEM&161: General Chemistry I ..... 5
- PHYS&114: General Physics I **-or-**  
PHYS&221: Engineering Physics I..... 5

**Quarter Five**

- BIOL&212: Major's Animal ..... 5
- CHEM&162: General Chemistry II ..... 5
- PHYS&115: General Physics II **-or-**  
PHYS 222: Engineering Physics II **-or-**  
Foreign Language I..... 5

**Quarter Six**

- BIOL&213: Major's Plant..... 5
- CHEM&163: General Chemistry III..... 5
- PHYS 152: Engineering Physics I **-or-**  
Foreign Language II ..... 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
- Apply for Ready Set Transfer

**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
- Apply for summer research or internship opportunities

**Quarter 6**

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

# Pathway: Biology



## About the Biology Pathway

This pathway is designed to meet the Associate in Science (AS) Track 1 degree requirements with an emphasis in Biology. If you enjoy science and are curious about how living things work, consider entering this pathway.

Biology is an increasingly complex and exciting field, one that overlays other critical subdisciplines from anatomy, pathology and ecology to chemistry, genetics and botany. Each of these intersects with the study of life and living organisms. And of course, medical and scientific innovation continue to drive biology into new and thrilling directions. This means that your biology education will touch on issues impacting human, animal and plant life far and wide, including subjects like genetic engineering, transhumanism, GMO farming, and global climate change.

In this pathway, you'll learn about life on Earth and how it forms, functions, evolves and interacts. Courses explore topics like evolution, genetics and the cellular process in microorganisms, plants and animals. You'll also learn about the scientific method and gain hands-on experiences in the lab. Most of our biology students continue their education by transferring to a four-year college or university at a junior standing.

## 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

- Biologist
- Biological Technician
- Environmental Conservationist
- Biochemist
- Physician
- Dentist
- Veterinarian
- Physical Therapist
- Health Educator
- Genetic Counselor
- Health Communications Specialist
- Microbiologist
- Nurse Practitioner
- Pharmaceutical Sales Representative

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

## Future Education Opportunities

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

- A bachelor's degree in biology, molecular biology, genetics, pre-med 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/](http://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](mailto:AdvisorSouth@SeattleColleges.edu) • RSB 11**