



Biology

PIKES PEAK STATE COLLEGE

IS BIOLOGY RIGHT FOR YOU?

- Do you like working with math?
- Are you a critical thinker?
- Do you enjoy collecting samples for studying?
- Are you fascinated by the human body?
- Do you like conducting research?
- Are you interested in helping prevent diseases and improving quality of life for people?
- Do you want to learn about organisms and their environments?
- Do you have a strong focus on empathy and patient care?

Sign up today and get the kind of education that puts you in the middle of the action and the top of the pay scale. What are you waiting for?

PROGRAM SPECIFICS

When you study Biology at PPSC you will learn from faculty who bring diverse areas of study and life experiences to the classroom. Our faculty are experts in microbiology, human anatomy, animal biology, and genetics. Biology classes, both lectures and lab sessions, are small, personal, and offered throughout the day and evening to accommodate student needs. With an associate degree, you could get a job as a lab technician. If you seek advanced degrees, you could go into a variety of medical and scientific fields, as described in Future Career Prospects.

The Biology Associate of Science Degree with Designation is:

- 60 Credit Hours
- Guaranteed to Transfer in the state of Colorado
- Widely applicable as a foundation for other career industries

TRANSFER OPTIONS

Starting at PPSC means getting a degree that is guaranteed to transfer in the state of Colorado. The Associate of Science degree is designed for students who want an emphasis in natural sciences such as biology and chemistry, as well as mathematics, physics, and allied health professions. We help students develop a broad and applicable skill set. Biology graduates have a reputation of being professional, critical thinkers; skills that are sought after in today's workforce. Individuals with a strong foundation in Biology will benefit in any career.

An Associate of Science Degree (AS) is a Guaranteed Transfer Degree. This two-year degree will transfer to any four-year state school in Colorado.

- An AS Degree with Designation (DwD) in Biology ensures transferring students have met the requirements of the first two years of a Bachelor's Degree in Biological Sciences.

FUTURE CAREER PROSPECTS

Biologists typically collect and analyze biological information about organisms and the environment. They may be in the field collecting samples or conducting research. The study of biology can lead to many career options, including the medical field, research, or many other options such as:

- Laboratory Research Assistant/Associate
- Biological Science Teacher
- Wildlife Management
- Bioinformatics
- Medical professionals (M.D., Nursing, Physician Assistant)
- Natural Sciences Manager
- Zoologist and Wildlife Biologist
- Molecular and Cellular Biologist
- Geneticist
- Research Scientist
- Environmental scientist

Biology Associate of Science (AS) Degree with Designation

Sample Academic Plan for Full Time Student *

*Your personalized schedule will be best determined by meeting with an Academic Advisor

Semester 1 Course & Credit Hours	Semester 2 Course & Credit Hours
MAT 2410 Calculus I MA1 (5)	PHY 1111 Physics: Algebra Based I with Lab SC1 (5)
ENG 1021 English Composition I CO1 (3)	ENG 1022 English Composition II CO2 (3)
Choose one GT Pathways Arts & Humanities Course AH1, AH2, AH3, or AH4 (3)	Choose one GT Pathways Arts & Humanities Course AH1, AH2, AH3, or AH4 (3)
CHE 1111 General College Chemistry with Lab SC1 (5)	CHE 1112 General College Chemistry II with Lab SC1 (5)
16 Credit Hours	16 Credit Hours

Semester 3 Course & Credit Hours	Semester 4 Course & Credit Hours
BIO 1111 General College Biology I with Lab SC1 (5)	BIO 1112 General College Biology II with Lab SC1 (5)
PHY 1112 Physics: Algebra Based II with Lab SC1 (5)	Choose one GT Pathways History Course HI1 (3)
Associate of Science Elective - See Recommended Electives (4)	Choose one GT Pathways Social & Behavioral Sciences Course SS1, SS2, or SS3 (3)
	Choose one GT Pathways Social & Behavioral Sciences Course SS1, SS2, or SS3 (3)
14 Credit Hours	14 Credit Hours

Recommended Electives

For "Choose one GT Pathways Arts & Humanities Course," here are some of the available options:

- ART (AH1) - 1110/1111/1112/1113
- HUM (AH2) - 1003/1015/1021/1022/1023
- PHI (AH3) - 1012/1013/2018
- FRE/GER/ITA/JPN/RUS/SPA (AH4) - 2011/2012

For "Associate of Science Electives," here are some of the available options:

- MAT - 1260/1340/1400/1420/1440/2410/2420/2430
- BIO - 2101/2102/2104/ 2116/2121/2124
- CHE - 2111/2112
- GEY - 1111/1112/1135

For "Choose one GT Pathways Social & Behavioral Sciences Course," here are some of the available options:

- ECO (SS1) - 1001/2001/2002/2045
- GEO (SS2) - 1005/1006
- ANT (SS3) - 2550
- COM (SS3) - 2300
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For "Choose One GT Pathways History Course," here are some of the available options:

- HIS (HI1) - 2000/2125

For a complete list of courses that can be taken to fill credit requirements for GT Pathways Arts & Humanities, GT Pathways Social & Behavioral Sciences, GT Pathways History, or Associate of Science Electives, please visit catalog.pikespeak.edu