

Biotechnology



Description

Do you love "hands-on" science labs and enjoy details and research? This career pathway provides juniors and seniors in high school with real experience in biotechnology techniques and theory and prepares them for continuing education in biotechnology degree programs or related fields. Recommendations for this program include an overall GPA of 2.0 or above, with successful completion of Algebra I and Biology I and a love of science.

Application

Applicants must complete a Southern Tech Application for Admission. Additional information and applications are available at the Southern Tech campus and online at www.sotech.edu. Enrollment for this career major is open to partnering High Schools (juniors/seniors) and Adults.

Tuition

High School Student: Free. Adult Student (in-district): \$3.00 per hour; Adult Student (Out-of-District): \$6 per hour; and Adult Student (Out-of-State): \$9 per hour. Additional costs may include books, supplies, and miscellaneous fees.

Financial Aid and Scholarships

Financial aid and scholarships are available for qualifying students.

Program Details

Introductory Biotechnology	
AP Biology	120
Biotechnology I	120
Biotechnology II	120
Survey of Biotechnology	120
Algebra II – From Sending School	120
Total Hours	600
<i>Estimated time to complete (Half Time)</i>	<i>1 year</i>
Advanced Biotechnology	

Advanced Biotechnology I	120
Advanced Biotechnology II	120
AP Environmental Science	120
Biotechnology Capstone	120
Trigonometry/Pre-Calculus – From Sending School	120
Total Hours	600
<i>Estimated time to complete (Half Time)</i>	<i>1 year</i>

Certifications and/or Credentials

Biotechnician Assistant Credentialing Exam (BACE)
Certifications may vary by Program and are subject to change without notice.

Student Organization: HOSA

Schedule: High School Students 8:15-11:00 AM or 12:45-3:30 PM (students are encouraged to attend 8:00-8:15 AM or 12:30-12:45 PM for curriculum enrichment).

Employment Options:

Biological Science Laboratory Technician, Biological Technician, Environmental Technician, Laboratory Technician, Research Assistant, Research Associate, Research Specialist, Research Technician, Resource Biologist, Wildlife Biology Technician – Approximate Pay Potential: \$10-33/Hour.