



Program Details

Introductory Biotechnology

| Course | Hours |
|-----------------------------------|---------------|
| AP Biology | 120 |
| Biotechnology I | 120 |
| Biotechnology II | 120 |
| Survey of Biotechnology | 120 |
| Algebra II – From Sending School | 120 |
| Total | 600 |
| <i>Estimated time to complete</i> | <i>1 year</i> |

Biotechnology Advanced

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

Targeted Certifications and/or Credentials

Based on Florida’s secondary Industrial Biotechnology Program:

- Biotechnician Assistant Credentialing Exam (BACE)

Certifications may vary by Program and are subject to change without notice.

Targeted Advanced Placement (AP) Exams

- AP Biology
- AP Environmental Science

Employment Options

The following list is associated with the approved SOC (Standard Occupational Classification) for this program and does not necessarily represent immediate opportunities; additional training may be required for some options listed.

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.

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 science fields. Recommendations for this program include an overall GPA of 2.0 or above, 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): \$2.50 per hour; Adult Student (Out-of-District): \$5 per hour; and Adult Student (Out-of-State): \$7.50 per hour. Additional costs may include books, supplies, and miscellaneous fees.

Financial Aid and Scholarships

Financial aid and scholarships are available for qualifying students.

Student Organization

HOSA – Future Health Professionals

Schedule

Adults (Half Time) 8:00-11:00 AM or 12:45-3:45 PM
Adults (Full Time) 8:00-11:00 AM and 12:45-3:45 PM
High School Students: 8:00-11:00 AM or 12:45-3:45 PM