



Career & Technical Education



Biotechnology

DESCRIPTION:

Biotechnology is a fast growing and exciting career field. While in the Biotechnology program in high school, students learn in a laboratory setting performing such tasks as DNA extraction, fingerprinting, and advanced biotechnology techniques. Learners that complete the Biotechnology program (Honors Biotechnology I and II) can earn an industry recognized certificate, BACE. Students continuing their education and training beyond high school by earning a degree in Biotechnology have many career opportunities from genetic counseling, biomedical engineers, laboratory technologists and biochemists.

SITES:

Arcadia / Saguaro

CAREER & TECHNICAL STUDENT ORGANIZATION (CTSO):

Health Occupations Students of America (HOSA): www.hosa.org

Course Sequence	Pre-Requisite	Fee	Dual Credit
Honors Biotechnology I 10048H-10049H Grades: 10-11	Biology grade C or better, 2.5 GPA, Chemistry recommended	\$25	Yes
Honors Biotechnology II 10010H-10011H Grades: 11-12	Honors Biotechnology I	\$25	Yes

- Industry Certification: BACE (Biotechnician Assistant Credentialing Exam) <https://biotility.research.ufl.edu/bace/>
- Course may be offered on a block schedule to accommodate program completion in one academic year
- Two-Year Program Completion
- Dual Enrollment – Scottsdale Community College: BIO106 and BIO107
- Technical Standards: www.azed.gov/cte/bio/