

CAREER TECHNICAL EDUCATION PATHWAY: Biotechnology



Career & College Promise (CCP)

CCP provides opportunities for eligible NC high school students to take tuition-free, college courses for dual credit (some students may have to pay for textbooks and materials). Taking CCP courses accelerates completion of college certificates, diplomas, applied associate degrees that provide entry-level job skills, and associate degrees that lead to transfer within the UNC System of 4-year colleges and universities and many private institutions.



Eligibility Requirements for Career Technical Education (CTE) Pathway

- High School Junior or Senior
- Weighted GPA of 3.0 or higher, or GPA below 3.0, written approval from High School principal/designee

General Admission Requirements

- WCC Admissions Application
- High School Transcript
- Registration and Verification Form

About the Biotechnology Pathway:

This pathway is a set of courses that students can take to earn a certificate toward the Associate of Applied Science degree in Biotechnology. These courses prepare students with an understanding of laboratory procedures and applications of scientific principles that assist biologists/chemists in a variety of fields including agriculture, pharmaceutical, environmental, clinical, industrial products, etc.

You will learn:

- How to design and conduct basic laboratory experiments
- How to operate specialized laboratory equipment to study biological systems
- Communicate scientific findings

Possible Job Titles:

- Research assistant to biologists, chemists
- Quality control and assurance technician
- Biotech lab technician

Possible Employment Opportunities:

- Pharmaceutical Manufacturing Plants
- Environmental Companies
- Industrial Manufacturing Plants
- Agriculture Businesses
- Medical Companies

**Annual Median Salary for
Biological Technicians (NC)**

onetonline.org **\$42,750**

Biotechnology Certificate			
Title	Class	Lab	Credit
BIO 111 General Biology (prereq: DRE 098)	3	3	4
BIO 112 General Biology II (prereq: BIO 111)	3	3	4
BIO 280 Biotechnology (prereq: BIO 111 or CHM 131)	2	3	3
ISC 278 cGMP Quality Systems	2	0	2
Total Semester Credit Hours:			13

For more information, contact: **Trish Holsten, Secondary Partnerships Director**
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wilsoncc.edu/curriculum/career-college-promise

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