

BIOTECHNOLOGY

Associate in Science

Biotechnology significantly impacts our lives and will continue to revolutionize how we diagnose and treat disease, lengthen life spans, feed the planet, and remediate the environment.

Our nationally recognized Biotechnology program prepares students with the skills and knowledge needed to enter the biotechnology industry or continue their education at a four-year college or university. GBCC has partnered with UNH Manchester to offer a pathway program that allows students to smoothly transition into the Biotechnology BS Degree.

At Great Bay, our students work in state-of-the-art biotechnology labs with a low student-to-professor and student-to-equipment ratio allowing them to master the skills needed for success.



Career Possibilities

Job Title	Average Salary
Quality Control Inspector	\$62,370
Biological Technician	\$52,000
Clinical Laboratory Technologist	\$60,780
Food Science Technician	\$47,010

The careers listed above may require additional education beyond an Associates Degree. For more information about the outlook and trends, please visit the Bureau of Labor Statistics: www.bls.gov.

TAKE THE NEXT STEP!

Apply today: greatbay.edu/admissions
gbadmissions@ccsnh.edu | (603) 427-7632
320 Corporate Drive
Portsmouth, NH 03801

Pathway I

62-67 Credits to Complete

BIOTECHNOLOGY CURRICULUM:

BIOL 108G - General Biology I

BIOL 109G - General Biology II

BIOL 210G - Microbiology

BTEC 105G - Intro to Biotechnology

BTEC 205G - Bioethics*

BTEC 210G - Biotechnology Research

BTECH 220G - Biomanufacturing

CHEM 115G - General Chemistry I

Technical Elective 12-16 credits**

*PHIL 240G - Ethics (may substitute for BTEC 205G)

**BIOL, BTEC, MATH, PHYS, CHEM, IST, CIS, DATA or BUS can fulfill Technical Elective

GENERAL EDUCATION COURSES:

ENGL 110G/111G - College Composition I / with Lab

MATH 145G/147G— Quantitative Reasoning / Plus

MATH 106G—Statistics I: Intro to Statistical Reasoning

Foreign Language/Humanities/Fine Arts Elective

Social Science Elective

Courses are subject to change. Please refer to Catalog for suggested pathway.

Revised 4/24/2025



Great Bay
Community College

CHOOSE COMMUNITY

BIOTECHNOLOGY

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Career Possibilities

Job Title	Average Salary
Quality Control Inspector	\$45,850
Biological Technician	\$52,000
Clinical Laboratory Technologist	\$60,780
Food Science Technician	\$47,010

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Pathway II

62-67 Credits to Complete

BIOTECHNOLOGY CURRICULUM:

BIOL 108G - General Biology I

BIOL 109G - General Biology II

BIOL 210G - Microbiology

BTEC 105G - Intro to Biotechnology

BTEC 205G - Bioethics*

BTEC 210G - Biotechnology Research

BTECH 220G - Biomanufacturing

CHEM 115G - General Chemistry I

CHEM 116G - General Chemistry II

Technical Elective 9-12 credits**

*PHIL 240G - Ethics (may substitute for BTEC 205G)

**BIOL, BTEC, MATH, PHYS, CHEM, IST, CIS, DATA or BUS can fulfill Technical Elective

GENERAL EDUCATION COURSES:

ENGL 110G/111G - English Composition I / with Lab

MATH 150G/152G - College Algebra / Plus

MATH 210G - Pre-Calculus
(A higher-level MATH may be substituted)

Foreign Language/Humanities/Fine Arts Elective

Social Science Elective

Courses are subject to change. Please refer to Catalog for suggested pathway.

Revised 4/24/2025



Great Bay
Community College

CHOOSE COMMUNITY

WHY GREAT BAY?

- 60+ Degree/Certificate Programs
- Small class sizes
(avg 15:1 student/faculty ratio)
- Highly qualified and experienced faculty
- Transfer to 4-year or direct to career after graduation
- 70% of full time students receive financial aid
- No application fee
- Academic Support to include free tutoring
- Athletics and Student Life opportunities
- Flexible campus, online, hybrid course options
- ***Lowest tuition and fees in New Hampshire***



Want to find out more? Click the QR code to visit the Great Bay Admissions webpage, where you can learn how to apply, explore all our academic programs, take a virtual campus tour, or sign up for an open house or information session.

Ready to Take the Next Step?

Contact Admissions at (603) 427-7632 or gbadmissions@ccsnh.edu

