

# Life Sciences at GBCC

## **Vaccine development, drug treatments, clinical trials, testing....**

the life sciences have never seemed more important! Are you interested in being part of it? If so, Great Bay Community College is a great place to start. We offer programs in three specialized areas designed to meet your interests. All are led by highly qualified faculty and feature small class sizes, exceptionally well-equipped laboratories, research and internship opportunities, and generous transfer scholarship options.

## **Degree Programs for Career and Transfer:**

### **Bioengineering A.S. Degree Program.**

Are you interested in molecular design or biomechanics, or maybe you're intrigued by the promise of artificial tissues and organs? Bioengineering might be the place for you. Our A.S. degree program in Bioengineering offers both the theoretical foundation and hands-on skills you'll need to get started. Under an agreement with the UNH College of Engineering and Physical Science, your GBCC degree will allow seamless transfer to the Durham campus, to complete a B.S. in Bioengineering.

### **Biotechnology A.S. Degree and Certificate Programs.**

Biotechnology is a field that has enormous implications for the future and has impacted our lives by revolutionizing how we diagnose and treat disease, lengthen life spans, feed the planet, and remediate the environment. Our nationally recognized program prepares students with the skills and knowledge needed to enter the biotechnology industry or continue onto a four-year university. Certificates are available for students who want to enter the Biotechnology industry without committing to a full degree program. Degree students can transfer seamlessly to UNH-Manchester to complete a bachelor's degree in Biotechnology, or transfer to the UNH-Durham College of Life Science and Agriculture to pursue other life sciences degree options.

### **Biological Sciences A.S. and A.A. Degree Programs.**

Know that you're interested but not quite sure where you fit in? Our degrees in Biological Science offer a broad based foundation in biology and chemistry that will develop your skills and knowledge while providing you the flexibility to explore. Both the A.A. and the A.S. degrees transfer seamlessly to a wide variety of life sciences degree programs at the University of New-Hampshire and beyond.



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## **Paid Research and Internship Opportunities:**

Each year, through grants from the National Science Foundation (NH-EPSCoR) and the National Institutes of Health (NH-INBRE), selected GBCC life science students have the opportunity to move beyond the classroom to engage in research either on campus, or in labs at our 4-year partner institutions. Biotechnology and Bioengineering students may also apply to participate in a variety of established internship opportunities with life science and advanced manufacturing company partners. Students are compensated for both research and internship experiences.

## **Scholarships:**

### **Pathways to Professions in the Biosciences Transfer Scholarships.**

Each year, graduating GBCC students transferring to any degree program in the College of Life Science and Agriculture at UNH are eligible to apply for a P2P Transfer Scholarship. Awarded on the basis of merit and need, up to ten scholarships of up to \$10,000 each are awarded each year. P2P scholarships are renewable for a second year upon successful completion the first, and are funded by the National Science Foundation S-STEM program.

### **NH BioMADE Transfer Scholarships.**

GBCC students transferring to the Bioengineering, Chemical Engineering or Mechanical Engineering B.S. degree programs at UNH-Durham, or the Biotechnology B.S. degree program at UNH-Manchester are eligible to apply for a NH-BioMADE Transfer Scholarship. Upon transfer, selected students are eligible to receive \$5,000/year for up to three years. Scholarships are awarded on the basis of both merit and need, and are funded by the National Science Foundation EPSCoR program. Up to six scholarships are awarded to CCSNH graduates each year.

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For more information, contact the **Admissions Department** at [gbadmissions@ccsnh.edu](mailto:gbadmissions@ccsnh.edu) or (603) 427-7600 or **Dr. Kim Williams**, Chair of Life and Physical Sciences at [kwilliams@ccsnh.edu](mailto:kwilliams@ccsnh.edu)



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