The Biotechnology Career Pathway

“Launching scientifically and technologically advanced students into the workforce”

- There are more biotechnology companies in New England than in any other area of the US.\(^1\) New Hampshire can anticipate growth in the industry due to its proximity to the concentration of biotech companies and research facilities near Cambridge and Route 128.

- Having an educated workforce in the biotechnology sector is imperative to the growth of industry in New Hampshire.

- The New Hampshire Department of Resources and Economic Development recently funded a biotech incubator feasibility study, which emphasizes how the state government is encouraging growth in the biotechnology sector.

The Biotechnology Career Pathway focuses on preparing students to thrive in a world where biotechnology impacts society, the environment, and personal health and safety. The Pathway has three major objectives: biotechnology literacy, career development and postsecondary education. The curriculum in the Pathway includes:

- Exposing students to all aspects of biotechnology;
- Aligning with state and national science standards;
- Offering the opportunity for dual-enrollment college credits;
- Including current biotechnology practices in a state-of-the-art laboratory;
- Integrating other disciplines;
- Simulating a biotechnology company; and
- Providing opportunities for internships.

More and more students are enrolling in programs that are currently being taught at:

Milford High School and Applied Technology Center
Nashua High School North
Portsmouth Senior High School
Seacoast School of Technology in Exeter

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\(^1\) Ernst & Young LCP, Biotech Industries Report - Focus on Fundamentals, 2001
\(^{ii}\) Biotechnology and Its Impact on Our Economy and Society, Janice T. Bourque, President & CEO, Massachusetts Biotechnology Council, May 2002