

NIIMBL bioLOGIC

Empowering Teachers to Inspire Tomorrow's Life Sciences Workforce

NIIMBL bioLOGIC™ powered by NCBIOTECH®

NIIMBL bioLOGIC is designed to be flexible to meet a variety of scheduling needs. The program can be delivered effectively in as little as five days and as long as 18 weeks. Please note that the NIIMBL bioLOGIC timeline outlined below is an example only; specific timing is dependent on school schedules and partner availability.

NIIMBL bioLOGIC Sample Timeline

Week/Day 1: Project Kick-Off

- Students receive an overview of the NIIMBL bioLOGIC program and divide into teams
- Students research a healthcare problem or unmet medical need

Week/Day 2: Product Research

- Groups identify the unmet medical need or disease they want to address and narrow down their product concept

*Industry Tour: Students tour a local life sciences company facility to explore careers in the industry**

Week/Day 3: Product Development

- Students determine their target therapeutic (i.e. vaccine, monoclonal antibodies, cell & gene therapy, etc.) and begin to research and develop their product

Week/Day 4: Business Model Research

- Students begin researching the foundations of the business model required to produce a therapeutic

*College Tour: Students tour a local college campus and learn about life science training programs**

*Note: Industry and college tour timing is not required to coincide with the sections reflected above; tours may be scheduled to accommodate student and host availability.

Week/Day 5: Business Development

- Students develop a business model for their product concept (i.e. marketing needs, financial model, etc.)

Week/Day 6: Project Wrap-Up

- Students continue to develop their business model
- Students draft final pitches

Week/Day 7: Final Pitch

- Students pitch their product to a panel of industry and college representatives



Source: NIIMBL bioLOGIC

Distribution not authorized outside of NIIMBL, without written permission.

North Carolina Biotechnology Center®

Chase Krueger, Associate Director, Workforce Development Life Science Economic Development *(Chase_Krueger@ncbiotech.org)*

15 T.W. Alexander Drive | Durham, NC 27713 | ncbiotech.org

Asheville · Charlotte · Greenville · Wilmington · Winston-Salem

26-137_LSED 10/2026