

Biotechnology, MS—Experiential

Admissions to this program have been suspended.

Northeastern's Experiential Master of Science in Biotechnology is an intensive, accelerated, experiential, job-relevant master's program featuring an adaptable array of experiential options hosted by employer partners with a built-in talent acquisition pathway. The experiential Master of Science builds on five pillars to create an innovative, evidence-based, work-based learning (WBL) experience to deliver a robust, industry-aligned curriculum with richly integrated experiential learning centered on deep employer engagement; problem-solving and critical thinking skills; and augmented with support layers for problem solving, critical thinking, student services, career design, and built-in talent acquisition to match rising professionals with hiring employer partners in high-demand domains.

Program Requirements

Core Requirements

Code	Title	Hours
BIOL 6299	Molecular Cell Biology for Biotechnology	3
BIOT 5120	Foundations in Biotechnology	3
BIOT 5219	The Biotechnology Enterprise	2
BIOT 5400	Scientific Information Management for Biotechnology Managers	3
BIOT 5500	Concepts in Regulatory Science	3
BIOT 5631	Cell Culture Processes for Biopharmaceutical Production	3
BIOT 6214	Experimental Design and Biostatistics	2
BIOT 6980	Biotechnology Capstone	2
BIOT 7245	Biotechnology Applications Laboratory	3
BIOT 7250	Advanced Biotechnology Applications Laboratory	3
CHEM 5620	Protein Chemistry	3
Co-op		
BIOT 6500	Professional Development for Co-op	0
BIOT 6964	Co-op Work Experience	0

Program Credit/GPA Requirements

30 total semester hours required

Minimum 3.000 GPA required