

BIOTECHNOLOGY, MS

LEARNING OUTCOMES

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1. Integrate core scientific, business, and legal principles to assess new biological discoveries and their potential development into commercial products for diverse biotechnology industries and applications.
2. Utilize science, policy, law, and business tenets to lead the development and commercialization of new and promising technologies.
3. Compare how regulations are developed and how they interact with science, business, and finance to influence the formation and growth of technology companies.
4. Implement the technical, sociological, and leadership skills necessary to successfully direct projects on a global scale.
5. Develop effective oral and written communication skills appropriate for the audience.
6. Evaluate modern biotechnology technologies through hands-on participation in the laboratory.
7. Research modern biotechnology technologies using peer-reviewed journals, databases, and global regulatory agency and legal documents.