

# Learning Outcome

## Department of Bio-Sciences (Botany, Zoology, Physiology General)

An undergraduate general biology degree, encompassing botany, zoology, and physiology, unlocks a multitude of career paths. Graduates possess a versatile skill set applicable across diverse sectors. In research and academia, they contribute to advancing biological knowledge or opt for teaching roles. Healthcare and medicine offer opportunities in medical research, clinical labs, and healthcare administration. Environmental science roles focus on conservation, ecology, and wildlife management, contributing to global sustainability. Biotechnology presents avenues in genetic engineering, pharmaceuticals, and bio-based product development. Graduates impact agriculture and horticulture through sustainable practices. Science communication roles bridge scientific expertise with public understanding, while government positions involve environmental policy and regulatory compliance. Industries, especially pharmaceuticals, benefit from graduates in drug development and quality control. Wildlife conservation, biomedical research, and emerging fields like data science showcase the interdisciplinary adaptability of graduates. Overall, a general biology degree equips individuals for dynamic roles in biology and related fields.