

Genetics and Molecular Biotechnology

Bachelor of Science
program begins
Fall 2026

Lower-division Core

General Biology
General Chemistry
Organic Chemistry
Calculus
General Physics
Introductory Statistics
Genetics and Society

Upper-division Core

Introductory Biochemistry
Introductory Genetics
Molecular Biology
Biotechnology
Advanced Genetics
Molecular Genetics Lab

specialize in one of the following tracks

Genetics & Genomics

Provides broad training in genetic theories and analysis. Ideal for students interested in pursuing careers in genetic research and discovery.

Pre-Genetic Counseling

Provides prerequisite training for entering postgraduate genetic counseling programs. Prepares students to work with human genetic data in healthcare contexts.

Molecular Biotechnology

Provides training for careers in biomedical, microbial, or plant biotechnology industries. Focus on modifying living systems through genetic engineering.