

# BIOL 003: Methods in Molecular Biology

This lecture and hands-on laboratory course is designed to provide participants with an introduction to molecular biology and recombinant DNA technology, along with related laboratory procedures that are widely used in biotechnology. Participants in this workshop will acquire skills in the use of generic methods, and through an understanding of such methods, will improve their effectiveness as staff in a contemporary research laboratory. Participants will learn about nucleic acids, strategies for cloning that includes various types of PCRs, and analysis of cloned products.

**Credits:** 4

**Class Type:** Workshop

**Program:** Biology, Genetics, and Medicine