

# BIO 412: Molecular Biology

A study of gene structure, organization, and expression in prokaryotes and eukaryotes. Emphasis will be placed on DNA and RNA structure; DNA replication, repair, recombination, and rearrangement; transcription, translation, RNA splicing, and the regulation of gene expression; and recombinant DNA methodology. Three lecture and three laboratory hours per week.

**Credits:** Credits 4

**Prerequisites:**

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BIO 322, CHE 231.

**Semester Offered:**

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Offered at departmental discretion.