

BIOL S-100b. Biochemistry: Nucleic Acids and Molecular Genetics (CRN: 31301)

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DNA as the genetic material: basic principles of replication, recombination, repair, mutagenesis, RNA transcription, protein translation, and control of gene expression will be explored. Topics such as gene therapy, molecular medicine, cancer, and cardiovascular disease will be used to integrate the underlying molecular biochemistry. Designed as a companion course to BIOL S-100a, but may be taken independently.