

Want to work with DNA?



Molecular Biology (BIOL 2500)

Prerequisites: BIOL 2231

Offered Every Spring, this 4-credit course with lecture and laboratory components is a fantastic opportunity to learn about:

- Principles and theories of molecular and cellular biology
- Theoretical basis of currently laboratory techniques that can be applied to future advances in these techniques.
- DNA extraction and purification techniques
- Recombinant DNA techniques including cloning, PCR and sequencing
- Cell Biology of Prokaryotes and Eukaryotes
- Molecular Probes to Study Molecular and Cellular Biology
- Mutagenesis
- Libraries and Screening
- Molecular Biology to Study Protein Interactions
- Control of Gene Expression
- Applications of Molecular and Cellular Biology to Research and Industry
- Current Techniques in Research and Industry
- What do employers expect when hiring for positions that involve working with DNA
- How to prepare for laboratory work involving DNA, in industry and research settings

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