

## BI 311 : Virology

An exploration of the viruses that infect all three domains of life, with a focus on the molecular biology and genomic diversity of pathogens that threaten human life and economic activity. Topics to be considered include long-studied pathogens such as poliovirus, variola (smallpox), and tobacco mosaic virus, as well as emerging or re-emerging agents such as hepatitis C and D, prions, and viroids. Discussions of the primary literature will be used to examine recent scientific and clinical developments.

**Credits** 4.0

**Prerequisite Courses**

[BI 207: Molecular Genetics](#)

**Semester Offered**

Offered alternate years