

Course Number

PHY-200-01

Course Description

Selected topics in molecular biophysics including an overview of proteins, nucleic acids, viruses and bacteria, with an emphasis on molecular structure and functioning. Experimental techniques used in modern biophysical research included in the course are various optical spectroscopies and microscopies, as well as hydrodynamic methods (sedimentation, diffusion, viscosity, electrophoresis), NMR, and x-ray diffraction.

Academic Term

20/WI

Instructor

Wagner, Jeffrey

Location & Meeting Time

Integrated Science & Engineering Complex-018 M/W/F 10:30AM-11:35AM LEC

Petition

N

Credits

1.00

Capacity

24

Total Students

7

Additional Information

<http://www.union.edu/Physics>

Academic Department

Physics and Astronomy

Field Of Study

Physics (PHY)