

Biophysics Course Chart-PhD

Required Courses in Biophysics

Item	Course Title
1	Seminar 1,2
2	Protein Physical Chemistry
3	Advanced Topics in Biophysics
4	Advanced Topics in Radiation Biophysics
5	Computational Biology
6	Mass Transfer in Live Systems
7	Spectroscopy in Biology

Elective Courses in Biophysics

Item	Course Title
1	Biological Calculations
2	Electrophysiologic Methods
3	Advanced Cellular Physiology
4	Non-Equilibrium Thermodynamics
5	Membrane Biophysics
6	Introduction to Molecular Medicine
7	Mathematical Models in Biological Issues
8	Enzymatic Kinetic

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9	Biothermodynamics
10	Ion Channels in Membrane
11	Nucleic Acids Physics
12	Biomacromolecule Interactions
13	Electron Transfer by Proteins
14	Protein NMR
15	Research Methods
16	Computer Application in Structural Modeling
17	Sensors and Biosensors
18	Topics in Biophysical Chemistry