BIOPHYSICS (BIOP)

BIOP Class Schedule (https://courses.illinois.edu/schedule/DEFAULT/DEFAULT/BIOP)

Courses

BIOP 401 Introduction to Biophysics credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BIOP/401)
Review of membrane and cell biophysics designed to introduce the theoretical and mathematical bases of bioelectricity, photobiology and biomolecular motors. 3 undergraduate hours. 3 graduate hours. Credit is not given for BIOP 401 and PHYS 475. Prerequisite: One year each of college-level mathematics and physics; one year each of college level biology and chemistry recommended.

BIOP 419 Brain, Behavior & Info Process credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BIOP/419)
Same as MCB 419 and NEUR 419. See MCB 419.

BIOP 432 Photosynthesis credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BIOP/432)
Same as CPSC 489 and IB 421. See IB 421.

BIOP 550 Biomolecular Physics credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BIOP/550)
Same as MCB 550 and PHYS 550. See PHYS 550.

BIOP 576 Computational Chemical Biology credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BIOP/576)
Same as MCB 508 and CSE 576. See CHEM 576.

BIOP 581 Lab Rotation I credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BIOP/581)
Laboratory research methods; familiarization of first-year graduate students with experimental methods used in research in Biophysics and Quantitative Biology. Required of all first-year students majoring in Biophysics and Quantitative Biology. First five weeks of fall term. 2 graduate hours. No professional credit. Prerequisite: First-year graduate status and consent of department; concurrent registration in BIOP 582 and BIOP 583.

BIOP 582 Lab Rotation II credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BIOP/582)
Laboratory research methods; familiarization of first-year graduate students with experimental methods used in research in Biophysics and Quantitative Biology. Second five weeks of fall term. 2 graduate hours. No professional credit. Prerequisite: First-year graduate status and consent of department; concurrent registration in BIOP 581 and BIOP 583.

BIOP 583 Lab Rotation III credit: 2 Hours. (https://courses.illinois.edu/schedule/terms/BIOP/583)
Laboratory research methods; familiarization of first-year graduate students with experimental methods used in research in Biophysics and Quantitative Biology. Meets last five weeks of the fall term. 2 graduate hours. No professional credit. Prerequisite: First-year graduate status and consent of department; concurrent registration in BIOP 581 and BIOP 582.