**BIOPHYSICS (BIOP)**

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

**Courses**

**BIOP 401** Introduction to Biophysics credit: 3 or 4 Hours.
Same as PHYS 475. See PHYS 475.

**BIOP 419** Brain, Behavior & Info Process credit: 3 Hours.
Same as MCB 419 and NEUR 419. See MCB 419.

**BIOP 432** Photosynthesis credit: 3 Hours.
Same as CPSC 489 and IB 421. See IB 421.

**BIOP 550** Biomolecular Physics credit: 4 Hours.
Same as MCB 550 and PHYS 550. See PHYS 550.

**BIOP 576** Computational Chemical Biology credit: 4 Hours.
Same as CHEM 576 and CSE 576. See CHEM 576.

**BIOP 581** Lab Rotation I credit: 2 Hours.
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.
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. 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.
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. 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.

**BIOP 586** Special Topics in Biophysics credit: 1 to 4 Hours.
Advanced course/tutorials on topics of interest in biophysics, such as electrophysiology, radiation biology, bioenergetics, protein structure, or the physics of muscular contraction. May be repeated. Prerequisite: Consent of instructor.

**BIOP 590** Individual Topics credit: 2 to 10 Hours.
For graduate students wishing to study individual problems or topics not assigned in other courses. May be repeated. Prerequisite: Consent of department.

**BIOP 595** Biophysics Seminars credit: 1 to 2 Hours.
Survey of literature in one area of biophysics, with special emphasis on student reports. 1 to 2 graduate hours. No professional credit. Approved for S/U grading only. May be repeated. Prerequisite: Graduate standing in Biophysics and Quantitative Biology.

**BIOP 599** Thesis Research credit: 0 to 16 Hours.
Research may be conducted in any area under investigation in a faculty laboratory, subject to the approval of the faculty member concerned and the department in which the research is to be done. Approved for S/U grading only. May be repeated.