Courses
BIOC 190  Biochemistry Orientation  credit: 1 Hour. (https://courses.illinois.edu/schedule/terms/BIOC/190/)
Lectures designed to acquaint biochemistry majors with the various specializations available in the field, career exploration procedures, and a wide range of opportunities of special interest to biochemistry students. Prerequisite: Biochemistry Specialized Curriculum majors, transfers and first year freshmen only.

BIOC 199  Undergraduate Open Seminar  credit: 1 to 5 Hours. (https://courses.illinois.edu/schedule/terms/BIOC/199/)
Approved for both letter and S/U grading. May be repeated.

BIOC 290  Individual Topics  credit: 1 to 5 Hours. (https://courses.illinois.edu/schedule/terms/BIOC/290/)
Laboratory work and/or reading in fields selected in consultation with an appropriate faculty member. May be repeated in separate terms to a maximum of 10 hours. Prerequisite: Consent of instructor.

BIOC 406  Gene Expression & Regulation  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BIOC/406/)
Same as MCB 406. See MCB 406.

BIOC 446  Physical Biochemistry  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BIOC/446/)
Physical properties of biological macromolecules, with the emphasis on spectroscopic methods, including UV, visible and FTIR spectroscopies, magnetic resonance techniques as well as X-ray diffraction methods. Same as CHEM 472 and MCB 446. 3 undergraduate hours. 3 graduate hours. Prerequisite: It is strongly recommended to take CHEM 440 (section B) prior to this course. MCB 354 or MCB 450 or equivalent background in biochemistry is also recommended.

BIOC 455  Technqs Biochem & Biotech  credit: 4 Hours. (https://courses.illinois.edu/schedule/terms/BIOC/455/)
Introduction to modern methods of experimentation with biochemical experimentation. Lectures and labs on the theory and practices underlying various methods and instrumentation. Includes protein purification and quantitative analyses, immunoassays, enzymology, peptide sequencing, lipid analysis, carbohydrate analysis, and bioinformatics. 4 undergraduate hours. 4 graduate hours. Prerequisite: CHEM 232 or CHEM 236, or equivalent; credit in MCB 251 or equivalent, and MCB 354 or MCB 450 or equivalent, or consent of instructor.

BIOC 460  Biochemistry Senior Seminar  credit: 3 Hours. (https://courses.illinois.edu/schedule/terms/BIOC/460/)
Writing intensive course dealing with the technical literature, current issues, and current advances in Biochemistry. 3 undergraduate hours. 3 graduate hours. Graduate students may register, but priority will be given to undergraduate students. Prerequisite: Completion of the Campus Composition I general education requirement; MCB 354 and BIOC 455, or consent of instructor.

This course satisfies the General Education Criteria for: Advanced Composition