Subject-area course lists indicate courses currently active for offering at the University of Louisville. Not all courses are scheduled in any given academic term. For class offerings in a specific semester, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm).

500-level courses generally are included in both the undergraduate- and graduate-level course listings; however, specific course/section offerings may vary between semesters. Students are responsible for ensuring that they enroll in courses that are applicable to their particular academic programs.

**Course Fees**

Some courses may carry fees beyond the standard tuition costs to cover additional support or materials. Program-, subject- and course-specific fee information can be found on the Office of the Bursar website (http://louisville.edu/bursar/tuitionfee).

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**BIOC 545. Biochemistry I**  
3 Units  
**Description:** Chemistry of amino acids, peptides, proteins, nucleotides and nucleic acids; methods of analysis and laboratory synthesis; nucleotides; RNA, DNA and protein biosynthesis.  
**Note:** Credit may not be earned in both BIOC 545 and BIOC 645.  
**Note:** Credit may not be applied toward an advanced degree in Chemistry.

For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)

**BIOC 547. Biochemistry II**  
3 Units  
**Prerequisite(s):** BIOC 545.  
**Description:** Cellular metabolism of carbohydrates, lipids, amino acids and biomembrane phenomena, enzyme properties, kinetics, and control mechanisms; ligand binding.  
**Note:** Credit may not be earned in both BIOC 547 and BIOC 647.  
**Note:** Credit may not be applied toward an advanced degree in Chemistry.

For class offerings for a specific term, refer to the Schedule of Classes (http://htmlaccess.louisville.edu/classSchedule/setupSearchClassSchedule.cfm)