Department of Biochemistry and Molecular Biophysics

Website: http://biochem.wustl.edu

Courses

The Department of Biochemistry and Molecular Biophysics also offers courses through the Graduate School. For a full listing of courses offered, please visit the university online course catalog (https://courses.wustl.edu/CourseInfo.aspx?sch=L&dept=L41&crslvl=5:9).


**M15 Biochem 502 Molecular Foundations of Medicine**
This course is designed primarily for medical students and will cover fundamental aspects of biochemistry and cell biology. The course begins with a treatment of protein structure and the function of proteins in the cytoskeleton and cell motility. The principles of enzyme kinetics and regulation are then discussed and basic pathways for the synthesis and metabolism of carbohydrates and lipids are introduced. This leads into a discussion of membrane structure and the function of cellular organelles in biological processes including energy production, protein degradation and protein trafficking. Small group case study sections serve to link the basic science to the clinic. Credit 46.5 units.

**M15 Biochem 5068 Fundamentals of Molecular Cell Biology**
Same as Arts and Sciences L41 5068. Credit 47 units.