课程名（Coursename）  
Biophysical Chemistry Techniques  
  
课程代码（Coursenumber）  
5.78   
  
课程对象（Audience）  
Graduate  
  
选课前提（prerequisite）  
5.07 or 7.05  
  
单元（units）  
2-0-4  
  
添加至时间表 （add to schedule）  
Lecture: MWF9.30-11 (ENDS MARCH 19) (8-205)  
  
开课教师（Teacher）  
C. Drennan, T. Schwartz  
  
学期（Semester）  
spring term  
  
课程描述（Description）  
Presents principles of macromolecular crystallography that are essential for structure determinations. Topics include crystallization, diffraction theory, symmetry and space groups, data collection, phase determination methods, model building, and refinement. Discussion of crystallography theory complemented with exercises such as crystallization, data processing, and model building. Enrollment limited.  
  
备注（notes）  
H-level Grad Credit  
Subject meets with 7.71  
  
教参信息（Textbookinfo）  
1 Biophysical Chemistry: Part II: Techniques for the Study of Biological Structure and Function (Their Biophysical Chemistry; PT. 2) by Charles R. Cantor and Paul R. Schimmel (Paperback - Apr. 15, 1980)  
Publisher: W. H. Freeman; 1 edition (April 15, 1980)   
ISBN-13: 978-0716711902   
2 Modern Biophysical Chemistry: Detection and Analysis of Biomolecules by Peter Jomo Walla (Paperback - Apr. 13, 2009)  
Publisher: Wiley-VCH; 1 edition (April 13, 2009)   
ISBN-13: 978-3527323609   
世界各地拥有馆藏的图书馆（OCLC）:139  
3 Biophysical Chemistry, Part 1: The Conformation of Biological Macromecules (Their Biophysical Chemistry; PT. 1) by Charles R. Cantor and Paul R. Schimmel (Hardcover - May 1980)  
Publisher: W.H. Freeman & Company; illustrated edition edition (May 1980)   
ISBN-13: 978-0716710424   
4 Modern Analytical Ultracentrifugation: Acquisition and Interpretation of Data for Biological and Synthetic Polymer Systems (Emerging Biochemical and Biophysical Techniques) by Todd M. Schuster and Thomas M. Laue (Hardcover - Aug. 1, 1994)  
Publisher: Birkhäuser Boston; 1 edition (August 1, 1994)   
ISBN-13: 978-0817636746