课程代码（Coursenumber）  
CHM 542  
  
课程对象（Audience）  
Primarily for Graduates  
  
开课教师（Teacher）  
  
学期（Semester）  
  
课程描述（Description））  
Structures and properties of biological macromolecules. The forces and interactions that direct biological polymers to adapt particular 3-dimensional structures are discussed from both a structural and a thermodynamic perspective. Special emphasis is placed on recent experimental work probing the folding and stability of proteins as well as on the design of novel proteins.  
  
课时信息（Totalhours）  
  
教参信息（Textbookinfo）  
1 Macromolecular Crystallography with Synchrotron Radiation - Paperback (Jan. 27, 2005) by John R. Helliwell  
ISBN-13: 978-0521544047  
世界各地拥有馆藏的图书馆（OCLC）:16  
2 Information and the Origin of Life - Hardcover (Apr. 11, 1990) by Bernd-Olaf KÃ¼ppers  
ISBN-13: 978-3527293254  
3 Dendritic Molecules: Concepts, Syntheses, Perspectives - Hardcover (Aug. 6, 1996) by George R. Newkome, Charles N. Moorefield, and Fritz Vögtle  
ISBN-13: 978-0262111423