课程代码（Coursenumber）  
CHM 509, 510  
  
课程对象（Audience）  
Primarily for Graduates  
  
开课教师（Teacher）  
  
学期（Semester）  
  
课程描述（Description））  
Topics covered vary from year to year and are selected from the following: state-selected chemical processes; high-resolution spectroscopy; energy transfer and redistribution; laser-induced chemistry; surface chemistry; electronic properties of conjugated polymers; nonlinear optical materials; physical electrochemistry; heterogeneous reaction dynamics; spectroscopy and dynamics of clusters; and chaotic systems.  
  
课时信息（Totalhours）  
  
教参信息（Textbookinfo）  
1 Physical and Chemical Kinetics: includes CD-ROM (Topics in Physical Chemistry) by R. Stephen Berry, Stuart Alan Rice, and John Ross (Hardcover - Aug. 30, 2001)  
ISBN-13:978-0195147506  
世界各地拥有馆藏的图书馆（OCLC）:96  
2 Quantum Mechanics in Chemistry (Topics in Physical Chemistry) by Jack Simons and Jeff Nichols (Hardcover - Jan. 30, 1997)  
ISBN-13: 978-0195082005  
3 Gaseous Molecular Ions: An Introduction to Elementary Processes Induced by Ionization (Topics in Physical Chemistry) by Eugen Illenberger and Jacques Momigny (Hardcover - July 1992)  
ISBN-13: 978-0387914015