课程代码（Coursenumber）：  
CHEM BC 3271x  
  
课程名（Coursename） ：  
Inorganic Chemistry  
  
课程内容介绍（course content introduction）：Structure, bonding and spectroscopy in inorganic compounds: applications of group theory to chemistry; ligand field theory; vibrational and electronic spectroscopy of transition metal complexes; selected topics from coordination chemistry, organometallics, bioinorganic chemistry, solid state and materials chemistry, mineralogy, and biogeochemistry.  
  
选课条件（Prerequisites）:CHEM BC3231 or Permission of Instructor.   
  
课程时间（course time）： Lecture: TuTh 9:10-10:25. Problem section: W 12:00-12:50.  
  
学分（credit）：3.5 points  
  
教参信息（Textbookinfo）:  
1 Inorganic Chemistry: Principles of Structure and Reactivity (4th Edition) by James E. Huheey, Ellen A. Keiter, and Richard L. Keiter (Hardcover - Jan. 17, 1997)  
Publisher: Prentice Hall; 4 edition (January 17, 1997)   
ISBN-13: 978-0060429959   
2 Solutions Manual Inorganic Chemistry 3e by Catherine Housecroft (Paperback - Dec. 15, 2007)  
Publisher: Prentice Hall; 3 edition (December 15, 2007)   
ISBN-13: 978-0132048491   
世界各地拥有馆藏的图书馆（OCLC）:8  
3 Inorganic Chemistry (4th Edition) by Gary L. Miessler and Donald A. Tarr (Paperback - Mar. 4, 2010)  
Publisher: Prentice Hall; 4 edition (March 4, 2010)   
ISBN-13: 978-0136128663   
世界各地拥有馆藏的图书馆（OCLC）:25  
4 Inorganic Chemistry by James House and James E. House (Paperback - Aug. 8, 2008)  
Publisher: Academic Press (August 8, 2008)   
ISBN-13: 978-0123567864   
世界各地拥有馆藏的图书馆（OCLC）:199  
5 Introduction to Modern Inorganic Chemistry, 6th edition by R.A. Mackay and W. Henderson (Paperback - Nov. 18, 2002)  
Publisher: CRC Press; 6 edition (November 18, 2002)   
ISBN-13: 978-0748764204   
世界各地拥有馆藏的图书馆（OCLC）:159  
6 Inorganic Chemistry by Duward Shriver and Peter Atkins (Paperback - Dec. 18, 2009)  
Publisher: W. H. Freeman; Fifth Edition edition (December 18, 2009)   
ISBN-13: 978-1429218207   
世界各地拥有馆藏的图书馆（OCLC）:47  
7 Advanced Inorganic Chemistry, 6th Edition by F. Albert Cotton, Carlos A. Murillo, and Manfred Bochmann (Hardcover - Mar. 30, 1999)  
Publisher: Wiley-Interscience; 6 edition (March 30, 1999)   
ISBN-13: 978-0471199571   
8 Biological Inorganic Chemistry: Structure and Reactivity by Harry B. Gray, Edward I. Stiefel, Joan Selverstone Valentine, and Ivano Bertini (Hardcover - Oct. 30, 2006)  
Publisher: University Science Book; 1 edition (October 30, 2006)   
ISBN-13: 978-1891389436   
世界各地拥有馆藏的图书馆（OCLC）:410  
9 Concepts and Models of Inorganic Chemistry by Bodie E. Douglas, Darl H. McDaniel, and John J. Alexander (Hardcover - Jan. 1994)  
Publisher: Wiley; 3 edition (January 1994)   
ISBN-13: 978-0471629788   
10 Concise Inorganic Chemistry by J. D. Lee (Paperback - Feb. 10, 1999)  
Publisher: Wiley-Blackwell; 5 edition (February 10, 1999)   
ISBN-13: 978-0632052936